1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-35

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169721

Date Collected: 12/12/02 Time: 14:30

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 17:38

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169722

Date Collected: 12/12/02 Time: 14:50

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 18:10

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0063

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169722

Date Collected: 12/12/02 Time: 14:50

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 18:10

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169723

Date Collected: 12/12/02 Time: 15:20

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 18:42

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169723

Date Collected: 12/12/02 Time: 15:20

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 18:42

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-10

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169704

Date Collected: 12/12/02 Time: 10:15

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 18:37

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-10

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169704

Date Collected: 12/12/02 Time: 10:15

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 18:37

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0027

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-15

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169705

Date Collected: 12/12/02 Time: 10:25

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 19:09

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-15

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169705

Date Collected: 12/12/02 Time: 10:25

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 19:09

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-20

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169706

Date Collected: 12/12/02 Time: 10:35

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 19:41

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0030

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	Analytical Managment Laboratories	Sample ID:	HAAF-DVP-15-20
Client ID:	CESAS	Project ID	HAAF-MCA BARRACKS
Matrix:	W	Project Num	1697
Sample g/ml:	25	Lab Sample ID:	169706
% Solids: not dec.		Date Collected:	12/12/02 Time: 10:35
Instrument ID	Instru	Dilution Factor:	1
Analytical Method:	8260B	Date Analyzed:	12/17/02 Time: 19:41
Prep Method:	EPA 5030	Date Received:	12/13/02 10:30:00 AM
Analytical Batch:	1533		

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-25

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169707

Date Collected: 12/12/02 Time: 10:45

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 20:13

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-25

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169707

Date Collected: 12/12/02 Time: 10:45

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 20:13

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-30

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169708

Date Collected: 12/12/02 Time: 10:55

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 20:45

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1533

Sample ID: HAAF-DVP-15-30
Project ID HAAF-MCA BARRACKS
Project Num 1697
Lab Sample ID: 169708
Date Collected: 12/12/02 Time: 10:55
Dilution Factor: 1
Date Analyzed: 12/17/02 Time: 20:45
Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-35

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169709

Date Collected: 12/12/02 Time: 12:10

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 21:17

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-35

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169709

Date Collected: 12/12/02 Time: 12:10

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 21:17

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR DUP-15-35

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1533

Sample ID: HAAF-DUP12
Project ID HAAF-MCA BARRACKS
Project Num 1697
Lab Sample ID: 169710
Date Collected: 12/12/02 Time: 8:00
Dilution Factor: 1
Date Analyzed: 12/17/02 Time: 21:49
Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0038

DUPLICATE FOR DUP-15-35

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DUP12

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169710

Date Collected: 12/12/02 Time: 8:00

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 21:49

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	Analytical Managment Laboratories	Sample ID:	HAAF-DVP-15-40
Client ID:	CESAS	Project ID	HAAF-MCA BARRACKS
Matrix:	W	Project Num	1697
Sample g/ml:	25	Lab Sample ID:	169711
% Solids: not dec.		Date Collected:	12/12/02 Time: 12:30
Instrument ID	Instru	Dilution Factor:	1
Analytical Method:	8260B	Date Analyzed:	12/18/02 Time: 12:18
Prep Method:	EPA 5030	Date Received:	12/13/02 10:30:00 AM
Analytical Batch:	1534		

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-15-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169711

Date Collected: 12/12/02 Time: 12:30

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 12:18

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-15-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169715

Date Collected: 12/12/02 Time: 13:00

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 14:26

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	Analytical Managment Laboratories	Sample ID:	HAAF-DVP-15-45
Client ID:	CESAS	Project ID	HAAF-MCA BARRACKS
Matrix:	W	Project Num	1697
Sample g/ml:	25	Lab Sample ID:	169715
% Solids: not dec.		Date Collected:	12/12/02 Time: 13:00
Instrument ID	Instru	Dilution Factor:	1
Analytical Method:	8260B	Date Analyzed:	12/18/02 Time: 14:26
Prep Method:	EPA 5030	Date Received:	12/13/02 10:30:00 AM
Analytical Batch:	1534		

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-10

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169023

Date Collected: 12/11/02 Time: 15:25

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 18:40

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1522

Sample ID: HAAF-DVP-16-10
Project ID HAAF-MCA BARRACKS
Project Num 1690
Lab Sample ID: 169023
Date Collected: 12/11/02 Time: 15:25
Dilution Factor: 5
Date Analyzed: 12/13/02 Time: 18:40
Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169024

Date Collected: 12/11/02 Time: 15:35

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 19:12

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169024

Date Collected: 12/11/02 Time: 15:35

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 19:12

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169025

Date Collected: 12/11/02 Time: 15:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 19:44

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169025

Date Collected: 12/11/02 Time: 15:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 19:44

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169026

Date Collected: 12/11/02 Time: 15:55

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 20:16

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0073

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169026

Date Collected: 12/11/02 Time: 15:55

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 20:16

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0074

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169027

Date Collected: 12/11/02 Time: 16:10

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 20:48

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169027

Date Collected: 12/11/02 Time: 16:10

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 20:48

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR DUP-16-30

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1522

Sample ID: HAAF-DUP11
Project ID HAAF-MCA BARRACKS
Project Num 1690
Lab Sample ID: 169028
Date Collected: 12/11/02 Time: 8:45
Dilution Factor: 5
Date Analyzed: 12/13/02 Time: 21:20
Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

DUPLICATE FOR DUP-16-30

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DUP11

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169028

Date Collected: 12/11/02 Time: 8:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 21:20

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169029

Date Collected: 12/11/02 Time: 16:40

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 21:52

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169029

Date Collected: 12/11/02 Time: 16:40

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 21:52

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-16-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169701

Date Collected: 12/12/02 Time: 9:15

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 17:01

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0020

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-16-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169701

Date Collected: 12/12/02 Time: 9:15

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 17:01

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-16-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169702

Date Collected: 12/12/02 Time: 9:40

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 17:33

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-16-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169702

Date Collected: 12/12/02 Time: 9:40

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 17:33

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-10

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169001

Date Collected: 12/11/02 Time: 9:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 2:44

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-10

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169001

Date Collected: 12/11/02 Time: 9:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 2:44

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169002

Date Collected: 12/11/02 Time: 9:15

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 3:16

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169002

Date Collected: 12/11/02 Time: 9:15

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 3:16

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169003

Date Collected: 12/11/02 Time: 9:25

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 3:48

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0026

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169003

Date Collected: 12/11/02 Time: 9:25

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 3:48

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169004

Date Collected: 12/11/02 Time: 9:35

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 4:20

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0028

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169004

Date Collected: 12/11/02 Time: 9:35

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 4:20

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169005

Date Collected: 12/11/02 Time: 9:50

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 4:52

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0030

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169005

Date Collected: 12/11/02 Time: 9:50

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 4:52

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR DUP-17-30

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DUP9

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169007

Date Collected: 12/11/02 Time: 8:00

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 5:56

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0034

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR DUP-17-30

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1521

Sample ID: HAAF-DUP9
Project ID HAAF-MCA BARRACKS
Project Num 1690
Lab Sample ID: 169007
Date Collected: 12/11/02 Time: 8:00
Dilution Factor: 5
Date Analyzed: 12/13/02 Time: 5:56
Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169006

Date Collected: 12/11/02 Time: 10:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 5:24

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0032

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169006

Date Collected: 12/11/02 Time: 10:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 5:24

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0033

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-40

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169008

Date Collected: 12/11/02 Time: 10:20

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 6:28

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0036

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-40

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169008

Date Collected: 12/11/02 Time: 10:20

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 6:28

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-45

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169010

Date Collected: 12/11/02 Time: 10:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 7:32

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0040

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-45

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169010

Date Collected: 12/11/02 Time: 10:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 7:32

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

PAGE 1 of 2 28562

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # DO# 0198
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912 652-5660 Fax # 912-652-6012
Project Name: DAACG - HAAF
Project Number: —

For Laboratory Use Only

Custody Seal: (Y) N
Page 1 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: BB 12°C
Sample Condition: GOOD
AAL Lab Project # 2475

Samplers: (signature): D. Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~
DVP1-15-08-02	6 AUG 02 0840		X	W		DVP 1	3	3										2475-001
DVP1-20-08-02	6 AUG 02 0850		X	W		"	3	3										2
DVP1-25-08-02	6 AUG 02 0900		X	W		"	3	3										3
DVP1-30-08-02	6 AUG 02 0915		X	W		"	3	3										4
DVP1-35-08-02	6 AUG 02 0955		X	W		"	3	3										5
DVP1-40-08-02	6 AUG 02 1005		X	W		"	3	3										6
DVP1-45-08-02	6 AUG 02 1045		X	W		"	3	3										7
DVP1-50-08-02	6 AUG 02 1105		X	W		DVP 1 DUP	3	3										8
DVP2-15-08-02	6 AUG 02 1255		X	W		DVP 2	3	3										9
DVP2-20-08-02	6 AUG 02 1305		X	W		DVP 2	3	3										2475-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
D. Polacsek	06 AUG 02 1730	SHIPPING		UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS	080702 0716	CHARLES LIGHT	080702 0716	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

 32101

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, P.O. BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # D.O. # 0198
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG - HAAF
Project Number: →

For Laboratory Use Only

Custody Seal: Y N
Page 2 OF 2
QC Level: N 1 2 3 4
Init/Temp: RGB/29C
Sample Condition: GOOD
AAL Lab Project # 24175

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~ BB 080702
DVP2-DUP1	6 AUG 02 1310		X	W		DVP 2	3	3										24175-011
DVP2-25-08-02	6 AUG 02 1315		X	W		"	3	3										12
DVP2-30-08-02	6 AUG 02 1325		X	W		"	3	3										13
DVP2-35-08-02	6 AUG 02 1400		X	W		"	3	3										14
DVP2-40-08-02	6 AUG 02 1415		X	W		"	3	3										15
DVP2-45-08-02	6 AUG 02 1450		X	W		"	3	3										16
DVP2-DUP2	6 AUG 02 1450		X	W		"	3	3										17
DVP2-50-08-02	6 AUG 02 1510		X	W		DVP 2	3	3										18
TRIP BLANK			X	W		—	2	2									"LARGE COOLER" 12389376 21 1001 7727	19
TRIP BLANK			X	W		—	2	2									"SMALL COOLER" 12389376 21 1001 7718	24175-020

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	06 AUG 02 1730	SHIPPING		UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS	080702 0728	BB 080702 ARCHARLES LIGHT	080702 0716	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

PAGE 1 of 3 32104

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE, PO BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # DO # 0198
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAAGC-HAAF
Project Number: —

For Laboratory Use Only

Custody Seal: (Y) N
Page 1 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: GOOD
AAL Lab ~~Project~~ # WO # 2480

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~ (Laboratory)
DVP3-15-08-02	7AUG02 0835		X	W		DVP3	3	3										2480-001
DVP3-20-08-02	7AUG02 0845		X	W		"	3	3										2
DVP3-25-08-02	7AUG02 0856		X	W		"	3	3										3
DVP3-30-08-02	7AUG02 0907		X	W		"	3	3										4
DVP3-35-08-02	7AUG02 0948		X	W		"	3	3										5
DVP3-40-08-02	7AUG02 1002		X	W		"	3	3										6
DVP3-DUP3	7AUG02 1007		X	W		"	3	3										7
DVP3-45-08-02	7AUG02 1035		X	W		"	3	3										8
DVP3-50-08-02	7AUG02 1105		X	W		DVP3	3	3										9
DVP3-BLK 1	7AUG02 1115		X	W		DVP 3	3	3										2480-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	7AUG02 1815	SHIPPING		UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS N/DIA	080802/07:40	[illegible]	080802/07:40	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

PAGE 2 of 3 32103

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402-0889
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAAGG-HAAF
Project Number: –

Billing address: AS LEFT
Client P.O. # DO # 0198

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: GOOD
AAL Lab ~~Project#~~ WO # 2480

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260								Remarks	Accura Sample ID ~~No. AB~~	
DVP4-15-08-02	7AUG 02 1311		X	W		DVP 4	3	3									2480-01	1
DVP4-20-08-02	7AUG 02 1325		X	W		"	3	3										2
DVP4-25-08-02	7AUG 02 1340		X	W		"	3	3										3
DVP4-30-08-02	7AUG 02 1350		X	W		"	3	3										4
DVP4-35-08-02	7AUG 02 1407		X	W		"	3	3										5
DVP4-40-08-02	7AUG 02 1425		X	W		"	3	3										6
DVP4-Dup 4	7AUG 02 1430		X	W		"	3	3										7
DVP4-45-08-02	7AUG 02 1520		X	W		"	3	3										8
DKP ~~DVP4-45-0~~																		
DVP4-50-08-02	7AUG 02 1540		X	W		DVP 4	3	3									2480-01	9

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	7AUG-02 1815	SHIPPING		UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS N/D/A	08/08/07:40		08/08/07:40	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC87-2.XLS

PAGE 3 of 3

32176

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402-0889
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG - HAAF
Project Number: -

Billing address: AS LEFT
Client P.O. # DO #0198

For Laboratory Use Only

Custody Seal: (Y) N
Page 3 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: [illegible]
Sample Condition: GOOD
AAL Lab ~~Project~~ # W.O# 2480

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260								Remarks	Accura Sample ID No. ~~AB~~
TRIP BLANK	—			W		—	2	2								(1) BB 08-02	2480-020
DVP4-BLK2-08-02	7 AUG 02 1622		X	W		DVP 4	3	3									1
TRIP BLANK	—			W		—	2	2								(2) BB 08-02	2

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	7 AUG 02 1815	SHIPPING		UNPRESERVED
Relinquished By: UPS N/D/A	Date / Time 8 AUG 02 / 07:40	Received By: [illegible]	Date / Time 8 AUG 02 / 07:40	Turnaround Time Requested:

Matrix Guides (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

 31622

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USACE Savannah District
Billing address: Same
Address: 100 West Oglethorpe Ave Savannah, GA 31401
Client P.O. # DO # 0198
Report Sent to: (Client Contact): Jim Cubbage
Contact Phone # (912) 652-5660 Fax # (912) 652-6012
Project Name: DAACG-HAAF Savannah, GA
Project Number:

For Laboratory Use Only
Custody Seal: (Y) N
Page 1 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: 2c
Sample Condition: GOOD
AAL Lab ~~Project #~~ W.O# 2492

Samplers: (signature): Michael Dardis
Samplers: (printed): Michael Dardis

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~ 8/8/02
DVP5-15-08-02	8-8-02 0850		X	W		DAACG-HAAF	3	3										2492-001
DVP5-20-08-02	8-8-02 0910		X	W		" "	3	3										2
DVP5-25-08-02	8-8-02 0925		X	W		" "	3	3										3
DVP5-30-08-02	8-8-02 0937		X	W		" "	3	3										4
DVP5-Dup5-08-02	8-8-02 0940		X	W		" "	3	3										5
DVP5-35-08-02	8-8-02 1005		X	W		" "	3	3										6
DVP5-40-08-02	8-8-02 1023		X	W		" "	3	3										7
DVP5-45-08-02	8-8-02 1053		X	W		" "	3	3										8
DVP5-50-08-02	8-8-02 1115		X	W		" "	3	3										9
Trip Blank				W		—	2	2										2492-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Dardis	8-8-02 1730	Shipped	8-8-02 1730	
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS NDA	8/9/02 1023	LA	8/9/02 1023	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

31438

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USACE Savannah District
Billing address: Same
Address: 100 West Oglethorpe Ave Savannah, GA 3140
Client P.O. # DO #0198
Report Sent to: (Client Contact): Jim Cubbage
Contact Phone # (912) 652-5660 Fax # (912) 652-6012
Project Name: DAACG - HAAF Savannah, GA 3140
Project Number:

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: 25C
Sample Condition: GOOD
AAL Lab ~~Project~~ W.O.# 2492

Samplers: (signature): Michael Dardis
Samplers: (printed): Michael Dardis

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260								Remarks	Accura Sample ID ~~No. AB~~ 020902 BB
DVP5-BLK3-08-02	8-8-02 1120		X	W		DAACG-HAAF	3	3									2492-011
DVP6-15-08-02	8-8-02 1315		X	W		" "	3	3									2
DVP6-20-08-02	8-8-02 1320		X	W		" "	3	3									3
DVP6-25-08-02	8-8-02 1345		X	W		" "	3	3									4
DVP6-30-08-02	8-8-02 1355		X	W		" "	3	3									5
DVP6-35-08-02	8-8-02 1442		X	W		" "	3	3									6
DVP6-40-08-02	8-8-02 1500		X	W		" "	3	3									7
DVP6-45-08-02	8-8-02 1530		X	W		" "	3	3									8
DVP6-50-08-02	8-8-02 1615		X	W		" "	3	3									9
DVP6-BLK4-08-02	8-8-02 1625		X	W		" "	3	3									2492-020

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Dardis	8-8-02 1730	Shipped	8-8-02 1730	
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS NMA	08/09/02 10:23	[illegible]	08/09/02 10:23	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

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6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402
Client P.O. # D.O. # 0198
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number:

For Laboratory Use Only

Custody Seal: (Y) N Page 1 OF 3
QC Level: N 1 (2) 3 4 Init/Temp: 4.2°C
Sample Condition: GOOD AAL Lab ~~Project #~~ W04-2503

Samplers: (signature): Dana Polacek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. AB
DVP10-10-08-02	12AUG02 0905		X	W		DVP 10	3	3										2503-001
DVP10-15-08-02	12AUG02 0915		X	W		"	3	3										2
DVP10-20-08-02	12AUG02 0925		X	W		"	3	3										3
DVP10-25-08-02	12AUG02 0935		X	W		"	3	3										4
DVP10-30-08-02	12AUG02 0945		X	W		"	3	3										5
DVP10-35-08-02	12AUG02 1020		X	W		"	3	3										6
DVP10-40-08-02	12AUG02 1230		X	W		"	3	3										7
DVP10-Dup2-08-02	12AUG02 1230		X	W		"	3	3										8
DVP10-45-08-02	12AUG02 1250		X	W		"	3	3										9
DVP10-BLK6-08-02	12AUG02 1315		X	W		DVP 10	3	3										2503-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacek	12AUG02 1800	SHIPPING UPS	12AUG-02 1800	UNPRESERVED
Relinquished By: UPS NIDIA	Date / Time 8/13/02 9:29	Received By:	Date / Time 08/13/02 9:29	Turnaround Time Requested:

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

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ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number: –

Billing address: AS LEFT
Client P.O. # D.O. #0198

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: GOOD
AAL Lab ~~Project~~ # W.O.# 2503

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260	Remarks	Accura Sample ID ~~No. AB~~ 081302
DVP7-10-08-02	12 AUG 02 1350		X	W		DVP 7	3	3		2503-011
DVP7-15-08-02	12 AUG 02 1400		X	W		"	3	3		2
DVP7-20-08-02	12 AUG 02 1410		X	W		"	3	3		3
DVP7-25-08-02	12 AUG 02 1415		X	W		"	3	3		4
DVP7-30-08-02	12 AUG 02 1430		X	W		"	3	3		5
DVP7-35-08-02	12 AUG 02 1515		X	W		"	3	3		6
DVP7-Dup8 ~~08-02~~ DVP	12 AUG 02 1515		X	W		"	3	3		7
DVP7-40-08-02	12 AUG 02 1540		X	W		"	3	3		8
DVP7-45-08-02	12 AUG 02 1555		X	W		DVP7	3	3		9
DVP7-~~BLK7-08-02~~	12 AUG 02 1610		X	W		DVP 7	3	3		2503-020

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	12 AUG 02 1800	SHIPPING	12 AUG 02 1800	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS N/D/A	08/13/02 09:12		08/13/02 09:12	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

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Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # D.O. #0199
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number: –

For Laboratory Use Only

Custody Seal: (Y) N
Page 3 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: 2 °C
Sample Condition: GOOD
AAL Lab ~~Project~~ # ~~N~~ 2503

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260								Remarks	Accura Sample ID ~~No. AB~~ 08302 BCB
TRIP BLANK	12AUG02			W		–	2	2									2503-021

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	12AUG02 1800	SHIPPING	12AUG02 1800	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
OPE/NDA	081302/09:29	[illegible]	081302/09:29	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

31623

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USACE Savannah District
Billing address: Same
Address: 100 West Oglethorpe Ave Savannah GA 31401
Client P.O. # DO# 0198
Report Sent to: (Client Contact): Jim Cabbage
Contact Phone # (912) 652-5660 Fax # (912) 652-6012
Project Name: DAACG-HAAF Savannah, GA
Project Number:

For Laboratory Use Only
Custody Seal: (Y) N Page 1 OF 2
QC Level: N 1 (2) 3 4 Init/Temp: BB/2°C
Sample Condition: (Good) AAL Lab Project # 2497

Samplers: (signature): Michael Dardis
Samplers: (printed): Michael Dardis

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. AB
DVP9-10-08-02	8-9-02 0827		X	W		DAACG-HAAF	3	3										2497-001
DVP9-15-08-02	8-9-02 0835		X	W		" "	3	3										2
DVP9-20-08-02	8-9-02 0845		X	W		" "	3	3										3
DVP9-25-08-02	8-9-02 0853		X	W		" "	3	3										4
DVP9-30-08-02	8-9-02 0910		X	W		" "	3	3										5
DVP9-35-08-02	8-9-02 1005		X	W		" "	3	3										6
DVP9-BLK5-08-02	8-9-02 1000		X	W		" "	3	3										7
DVP9-Dup6-08-02	8-9-02 1010		X	W		" "	3	3										8
DVP9-40-08-02	8-9-02 1020		X	W		" "	3	3										9
Trip Blank	—			W		—	2	2										2497-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Dardis	8-9-02 1630	Shipped	8-9-02 1630	
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS	081002 0930	[signature]	081002 0930	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

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31624

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: USACE Savannah District
Billing address: Same
Address: 100 West Oglethorpe Ave Savannah, GA 31401
Client P.O. # DO# 0198
Report Sent to: (Client Contact): Jim Cubbage
Contact Phone # (912) 652-5660 Fax # (912) 652-6012
Project Name: DAACG-HAAF Savannah, GA
Project Number:

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: BGB/2°
Sample Condition: GOOD
AAL Lab Project # 2497

Samplers: (signature): Michael Dardis
Samplers: (printed): Michael Dardis

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. ~~AB~~ order BGB
DVP9-45-08-02	8-9-02 1040		X	W		DAACG-HAAF	3	3									2497-01	1
DVP8-10-08-02	8-9-02 1225		X	W		" "	3	3										2
DVP8-15-08-02	8-9-02 1235		X	W		" "	3	3									Sample Time 1235	3
DVP8-20-08-02	8-9-02 1250		X	W		" "	3	3										4
DVP8-25-08-02	8-9-02 1300		X	W		" "	3	3										5
DVP8-30-08-02	8-9-02 1310		X	W		" "	3	3										6
DVP8-35-08-02	8-9-02 1335		X	W		" "	3	3										7
DVP8-40-08-02	8-9-02 1347		X	W		" "	3	3										8
DVP8-45-08-02	8-9-02 1400		X	W		" "												9

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Dardis	8-9-02 1630	Shipped	8-9-02 1630	
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS	081002 0930	[signature]	081002 0930	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

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Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE, P.O. BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # DO #0198
Report Sent to: (Client Contact): JIM CUBBEDGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number: —

For Laboratory Use Only
Custody Seal: (Y) N
Page 1 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: (GOOD)
AAL Lab ~~Receipt~~ W-04-2515

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. ~~AB~~ 08142
DVP 11-10-08-02	13 AUG 02 0845		X	W		DVP 11	3	3										2515-001
DVP 11-15-08-02	13 AUG 02 0857		X	W		"	3	3										2
DVP 11-20-08-02	13 AUG 02 0910		X	W		"	3	3										3
DVP 11-25-08-02	13 AUG 02 0918		X	W		"	3	3										4
DVP 11-30-08-02	13 AUG 02 0935		X	W		DVP 11	3	3										5
DVP 12-10-08-02	13 AUG 02 1025		X	W		DVP 12	3	3										6
DVP 12-15-08-02	13 AUG 02 1035		X	W		DVP 12	3	3										7
DVP 12-20-08-02	13 AUG 02 1045		X	W		"	3	3										8
DVP 12-25-08-02	13 AUG 02 1055		X	W		DVP 12	3	3										9
DVP 11-BLK7-08-02	13 AUG 02 1245		X	W		DVP 11	3	3										2515-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	13 aug 02 1630	SHIPPING	13 aug 02 16.30	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
VPS	08/14/02 09:22	[illegible]	08/14/02 09:22	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

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Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, PO BOX 889, SAVANNAH, GA 31402-0889
Report Sent to: (Client Contact): JIM CUBBEDGE
Contact Phone # 912-652-5660 Fax # 912-652-5012
Project Name: DAACG-HAAF
Project Number: 7

Billing address: AS LEFT
Client P.O. # J.O. # 0178

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: MSR / 9°C
Sample Condition: GOOD
AAL Lab Project # 2575

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~
DVP12-BLKS-08-02	13AUG02 1315		X	W		DVP12	3	3										2575-011
DVP11-35-08-02	13AUG02 1325		X	W		DVP11	3	3										2
DVP11-DUP9-08-02	13AUG02 1325		X	W		DVP11	3	3										3
DVP11-40-08-02	13AUG02 1400		X	W		"	3	3										4
DVP11-45-08-02	13AUG02 1410		X	W		DVP11	3	3										5
TRIP BLANK	—		X	W		—	2	2										6

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	13Aug02 1630	SHIPPING	13Aug02 1630	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS ~~N/A~~ N/D/A	08/14/02 09:22		08/14/02 09:22	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

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6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, POBOX 889, SAVANNAH, GA 31402-0889
Report Sent to: (Client Contact): JIM CUBBEDGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number: —

Billing address: AS 2 EET
Client P.O. # DO #0198

For Laboratory Use Only
Custody Seal: (Y) N Page 1 OF 2
QC Level: N 1 (2) 3 4 Init/Temp: 2°C
Sample Condition: GOOD AAL Lab ~~Project#~~ WO# 2516

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. AB
DVP12-30-08-02	14AUG02 0855		X	W		DVP 12	3	3										2516-001
DVP12-Dup10-08-02	14AUG02 0900		X	W		"	3	3										002
DVP12-35-08-02	14AUG02 0910		X	W		"	3	3										003
DVP12-40-08-02	14AUG02 0920		X	W		"	3	3										004
DVP12-45-08-02	14AUG02 0935		X	W		DVP 12	3	3										005
TRIP BLANK	—			W		—	2	2										006
DRUM9AUG02 ~~DVP 1025~~	14AUG02 1025		X	W		DRUM 9 AUG	3	3										007
DRUM 14AUG02	14AUG02 1045		X	W		DRUM 14 AUG	3	3										008
DRUM 6AUG02	14AUG02 1050		X	W		DRUM 6 AUG	3	3										009
DRUM 8AUG02	14AUG02 1100		X	W		DRUM 8 AUG	3	3										010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	14AUG02 1300	SHIPPING	14AUG02 1300	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS N/D/A	08 15 02 / 07:40	[illegible]	08 15 02 / 07:40	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

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33784

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, P O BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # 20. 0198
Report Sent to: (Client Contact): JIM ~~H~~ CUBBEDGE
Contact Phone # 912-652-5660 Fax # 912-652-6912
Project Name: DAACG-HAAF
Project Number: –

For Laboratory Use Only

Custody Seal: (Y) N
Page 2 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: GOOD
AAL Lab Project # W 07-2516

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

ANALYSIS: 8260

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	8260									Remarks	Accura Sample ID No. AB
DRUM TAUG-02	14 AUG 02 1055		X	W		DRUM TAUG	3	3										2516-011
DVP12-BK9-08-02	14 AUG 02 10:00		X	W			3	3									→ ADDED TO COC	012
DVP12-BLK10-08-02	14 AUG 02 10:15		X	W			3	3									→ " " "	013

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	14 AUG 02 1300	SHIPPING	14 AUG 02 1300	UNPRESERVED
Relinquished By:	Date / Time	Received By:	Date / Time	Turnaround Time Requested:
UPS NIDIA	08/15/02 07:40	[illegible]	08/15/02 07:40	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

21782

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, PO BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF - MCA BARRACKS
Project Number:
Purchase Order Number: D04 0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1697

Method # ---> 8260

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1697-01	HAAF-DVP-16-40	12Dec02	0915	W	3					3						3									
1697-01	HAAF-DVP-16-MS	"	0920	W	3					3						3									
1697-01	HAAF-DVP-16-MSD	"	0925	W	3					3						3									
1697-02	HAAF-DVP-16-45	"	0940	W	3					3						3									
1697-03	HAAF-DVP-16-BLK11	"	0950	W	3					3						3									
1697-04	HAAF-DVP-15-10	"	1015	W	3					3						3									
1697-05	HAAF-DVP-15-15	"	1025	W	3					3						3									
1697-06	HAAF-DVP-15-20	"	1035	W	3					3						3									
1697-07	HAAF-DVP-15-25	"	1045	W	3					3						3									
1697-08	HAAF-DVP-15-30	12Dec02	1055	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

CUSTODY					
Relinquished By: [signature]	Date/Time: 12Dec02 1815	Received By: Fed Ex	Date/Time: 12Dec02 1815
Relinquished By:	Date/Time:	Received By: [signature]	Date/Time: 12/13/02 10:30am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 8263R5631900	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	___ °C ☑ Temp. Blank ☐ Cooler	cooler #1: 1.9°C cooler #2: 2.4°C

0010

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE, PO BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF NCA BARRACKS
Project Number:
Purchase Order Number: DO#0006
Project Due Date:
Project Comments:
Sampler's Signature:

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1697

Method # ---> 8260B

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1697-09	HAAF-DVP-15-35	12DEC02	1210	W	3					3						3									
1697-10	HAAF-DUP12	"	0800	W	3					3						3									
1697-11	HAAF-DVP-15-40	"	1230	W	3					3						3									
1697-11	HAAF-DVP-15-MS	"	1235	W	3					3						3									
1697-11	HAAF-DVP-15-MSD	"	1240	W	3					3						3									
1697-12	HAAF-DVP-15-BLK2	"	1250	W	3					3						3									
1697-13	TRIP BLANK	—	—	W	2	2										2									
1697-14	TRIP BLANK	—	—	W	2	2										2									
1697-15	HAAF-DVP-15-45	12DEC02	1300	W	3					3						3									
1697-16	HAAF-DVP-14-10	12DEC02	1340	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

CUSTODY		Date/Time:		Received By:		Date/Time:
Relinquished By:		12 Dec 02 1815		Fed Ex		12 Dec 02 1815
Relinquished By:		Date/Time:		Received By:		12/13/02 10:30am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 836385631900	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	___°C ☑ Temp. Blank ☐ Cooler	Cooler #1: 1.9°C Cooler #2: 2.4°C

21784

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, PO BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-MCA BARRACKS
Project Number:
Purchase Order Number: DO #0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1697

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1697-17	HAAF-DVP-14-15	12Dec02	1350	W	3					3						3									
1697-18	HAAF-DVP-14-20	"	1400	W	3					3						3									
1697-19	HAAF-DVP-14-25	"	1410	W	3					3						3									
1697-20	HAAF-DVP-14-30	"	1420	W	3					3						3									
1697-21	HAAF-DVP-14-35	"	1430	W	3					3						3									
1697-22	HAAF-DVP-14-40	"	1450	W	3					3						3									
1697-23	HAAF-DVP-14-45	12Dec02	1520	W	3					3						3									
8																									
9																									
10																									

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample. Example: high concentration

CUSTODY					
Relinquished By: [signature]	Date/Time: 12Dec02 1815	Received By: Fed Ex	Date/Time: 12Dec02 1815
Relinquished By:	Date/Time:	Received By: [signature]	Date/Time: 12/13/02 10:30am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEX ☐ Airbill #: 836385631900	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	°C ☑ Temp. Blank ☐ Cooler	cooler #1 : 1.9°C cooler #2 : 2.4°C

0012

21799

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, PO BOX 889
City, State, Zip: SAVANNAH, GA ~~31406~~ 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-MCA BARRACKS
Project Number:
Purchase Order Number: DO #0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1690

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C		TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1690-01	HAAF-DVP-17-10	11Dec02	0905	W	3					3							3									
1690-02	HAAF-DVP-17-15	"	0915	W	3					3							3									
1690-03	HAAF-DVP-17-20	"	0925	W	3					3							3									
1690-04	HAAF-DVP-17-25	"	0935	W	3					3							3									
1690-05	HAAF-DVP-17-30	"	0950	W	3					3							3									
1690-06	HAAF-DVP-17-35	"	1005	W	3					3							3									
1690-07	HAAF-DVP-19	"	0800	W	3					3							3									
1690-08	HAAF-DVP-17-40	"	1020	W	3					3							3									
1690-08	HAAF-DVP-17-MS	"	1025	W	3					3							3									
1690-08	HAAF-DVP-17-MSD	11Dec02	1030	W	2					2							2									

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

CUSTODY		Date/Time:		Received By:		Date/Time:
Relinquished By:	[signature]	11Dec02 1830		Received By:	Fed Ex	11Dec02 1830
Relinquished By:		Date/Time:		Received By:	[signature]	12/12/02 10:45am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill # 826 2 8 5 6 3 1911	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	___ °C ☑ Temp. Blank ☐ Cooler	Cooler #1 & 2: 1.9°C

0010

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

21779

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, P.O. BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-NCA BARRACKS
Project Number:
Purchase Order Number: DO # 0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1690

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1690-09	TRIP BLANK	—	—	W	2	2										2									
1690-10	HAAF-DVP-17-45	11Dec02	1045	W	3					3						3									
1690-11	HAAF-DVP-17-BLK9	"	1103	W	3					3						3									
1690-12	HAAF-DVP-13-10	"	1245	W	3					3						3									
1690-13	HAAF-DVP-13-15 *	"	1255	W	3					3						3									* Vial 1 of 3 was received broken (MS)
1690-14	HAAF-DVP-13-20	"	1305	W	3					3						3									
1690-15	HAAF-DVP-13-25	"	1315	W	3					3						3									
1690-16	TRIP BLANK	—	—	W	2	2										2									
1690-17	HAAF-DVP-13-30	"	1330	W	3					3						3									
1690-18	HAAF-DVP-13-35	11Dec02	1345	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

CUSTODY		Date/Time:		Received By:		Date/Time:
Relinquished By:	[signature]	11Dec02 1830		Fed Ex		11Dec02 1830
Relinquished By:				Received By:	[signature]	12/12/02 10:45am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☒ Courier Fed EX ☐ Airbill # 836385631911	☒ Yes ☐ No ☒ Intact ☐ Broken	☒ Ice ☐ Blue Ice ☐ None	☒ Temp. Blank ☐ Cooler	cooler #1 & 2: 1.9°C

0011

AML
Analytical Management Laboratories, Inc.

15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS of ENGINEERS
Address: 100 W. OGLETHORPE AVE, P.O. BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-MCA BARRACKS
Project Number:
Purchase Order Number: DO #0006
Project Due Date:
Project Comments:
Sampler's Signature: Donald Slaunek

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1690

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1690-19	HAAF-DVP10	11Dec02	0830	W	3					3						3									
1690-20	HAAF-DVP-13-40	"	1410	W	3					3						3									
1690-20	HAAF-DVP-13-MS	"	1415	W	3					3						3									
1690-20	HAAF-DVP-13-MSD	"	1420	W	3					3						3									
1690-21	HAAF-DVP-13-45	"	1440	W	3					3						3									
1690-22	HAAF-DVP-13-BLK10	"	1500	W	3					3						3									
1690-23	HAAF-DVP-16-10	"	1525	W	3					3						3									
1690-24	HAAF-DVP-16-15	"	1535	W	3					3						3									
1690-25	HAAF-DVP-16-20	"	1545	W	3					3						3									
1690-26	HAAF-DVP-16-25	11Dec02	1555	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.

Example: high concentration

CUSTODY					
Relinquished By: Donald Slaunek	Date/Time: 11Dec02 1830	Received By: Fed Ex	Date/Time: 11 Dec 02 1830
Relinquished By:	Date/Time:	Received By: [signature]	Date/Time: 12/12/02 10:45am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier: FedEX ☐ Airbill #: 8263856319 11	☑ Yes ☐ No ☐ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	___ °C ☑ Temp. Blank ☐ Cooler	→ cooler # 1 & 2 : 1.9°C

21781

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, P.O. BOX 889
City, State, Zip: SAVANNAH, GA, 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6072

Project Name: HAAF MCA BARRACKS
Project Number:
Purchase Order Number: D O #0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1690

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C		TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH				Comments:
1690-27	HAAF-DVP-16-30	11Dec02	1610	W	3					3							3												
1690-28	HAAF-DVP 11	11Dec02	0845	W	3					3							3												
1690-29	HAAF-DVP-16-35	11Dec02	1640	W	3					3							3												
4																													
5																													
6																													
7																													
8																													
9																													
10																													

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample. Example: high concentration

CUSTODY					
Relinquished By: [signature]	Date/Time: 11Dec02 1830	Received By: Fed Ex	Date/Time: 11Dec02 1830
Relinquished By:	Date/Time:	Received By: [signature]	Date/Time: 12/12/02 10:45am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☐ Courier FedEx ☐ Airbill # 8263825621911	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	☑ Temp. Blank ☐ Cooler	→ cooler #1 @ 1.9°C

0013

DAACG CHLORINATED SOLVENTS AREA

VERTICAL PROFILE GROUNDWATER SAMPLES

2002

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Summary of Analytical Results

Client ID: **DVP1-15-08-02**
Sample Depth:

Sample ID **2475-001**
Matrix: WATER

Date Collected: 08/06/2002 08:40
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 13:43

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-15-08-02**
Sample Depth:

Sample ID **2475-001**
Matrix: WATER

Date Collected: 08/06/2002 08:40
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 13:43

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-20-08-02** Sample ID **2475-002** Date Collected: 08/06/2002 08:50
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/08/02 Date Analyzed: 08/08/02
Prep Time: 11:44 Time Analyzed: 14:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.3	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-20-08-02**
Sample Depth:

Sample ID **2475-002**
Matrix: WATER

Date Collected: 08/06/2002 08:50
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 14:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-25-08-02**
Sample Depth:

Sample ID **2475-003**
Matrix: WATER

Date Collected: 08/06/2002 09:00
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/07/02
Time Analyzed: 18:13

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	8.5	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	1.4	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-25-08-02**
Sample Depth:

Sample ID **2475-003**
Matrix: WATER

Date Collected: 08/06/2002 09:00
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/07/02
Time Analyzed: 18:13

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	1.5	5.0	ug/L	J
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-30-08-02** Sample ID **2475-004** Date Collected: 08/06/2002 09:15
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/07/02 Date Analyzed: 08/07/02
Prep Time: 15:25 Time Analyzed: 18:40

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	11	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	1.4	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-30-08-02**
Sample Depth:

Sample ID **2475-004**
Matrix: WATER

Date Collected: 08/06/2002 09:15
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/07/02
Time Analyzed: 18:40

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-35-08-02** Sample ID **2475-005** Date Collected: 08/06/2002 09:55
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/08/02 Date Analyzed: 08/08/02
Prep Time: 11:44 Time Analyzed: 14:35

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	1.2	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-35-08-02**
Sample Depth:

Sample ID **2475-005**
Matrix: WATER

Date Collected: 08/06/2002 09:55
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 14:35

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-40-08-02** Sample ID **2475-006** Date Collected: 08/06/2002 10:05
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/08/02 Date Analyzed: 08/08/02
Prep Time: 11:44 Time Analyzed: 15:01

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.7	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-40-08-02**
Sample Depth:

Sample ID **2475-006**
Matrix: WATER

Date Collected: 08/06/2002 10:05
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 15:01

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-45-08-02**
Sample Depth:

Sample ID **2475-007**
Matrix: WATER

Date Collected: 08/06/2002 10:45
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/07/02
Time Analyzed: 19:59

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	9.3	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-45-08-02**
Sample Depth:

Sample ID **2475-007**
Matrix: WATER

Date Collected: 08/06/2002 10:45
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/07/02
Time Analyzed: 19:59

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	1.5	5.0	ug/L	J
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-50-08-02**
Sample Depth:

Sample ID **2475-008**
Matrix: WATER

Date Collected: 08/06/2002 11:05
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 15:27

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	4.5	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP1-50-08-02**
Sample Depth:

Sample ID **2475-008**
Matrix: WATER

Date Collected: 08/06/2002 11:05
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 15:27

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-15-08-02** Sample ID **2475-009** Date Collected: 08/06/2002 12:55
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/08/02 Date Analyzed: 08/08/02
Prep Time: 11:44 Time Analyzed: 15:53

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-15-08-02**
Sample Depth:

Sample ID **2475-009**
Matrix: WATER

Date Collected: 08/06/2002 12:55
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 15:53

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-20-08-02**
Sample Depth:

Sample ID **2475-010**
Matrix: WATER

Date Collected: 08/06/2002 13:05
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 16:19

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	17	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	1.5	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-20-08-02** Sample ID **2475-010** Date Collected: 08/06/2002 13:05
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/08/02 Date Analyzed: 08/08/02
Prep Time: 11:44 Time Analyzed: 16:19

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	1.8	5.0	ug/L	J
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP2-20

Client ID: **DVP2-DUP1**
Sample Depth:

Sample ID **2475-011**
Matrix: WATER

Date Collected: 08/06/2002 13:10
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/07/02
Time Analyzed: 21:43

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	12	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP2-20

Client ID: **DVP2-DUP1**
Sample Depth:

Sample ID **2475-011**
Matrix: WATER

Date Collected: 08/06/2002 13:10
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/07/02
Time Analyzed: 21:43

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-25-08-02** Sample ID **2475-012** Date Collected: 08/06/2002 13:15
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/08/02 Date Analyzed: 08/08/02
Prep Time: 11:44 Time Analyzed: 17:08

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	6.6	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-25-08-02**
Sample Depth:

Sample ID **2475-012**
Matrix: WATER

Date Collected: 08/06/2002 13:15
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/08/02
Prep Time: 11:44

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 17:08

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-30-08-02** Sample ID **2475-013** Date Collected: 08/06/2002 13:25
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/07/02 Date Analyzed: 08/07/02
Prep Time: 15:25 Time Analyzed: 23:48

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	9.9	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	1.2	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-30-08-02**
Sample Depth:

Sample ID **2475-013**
Matrix: WATER

Date Collected: 08/06/2002 13:25
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/07/02
Time Analyzed: 23:48

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-35-08-02**
Sample Depth:

Sample ID **2475-014**
Matrix: WATER

Date Collected: 08/06/2002 14:00
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 00:14

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	7.2	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-35-08-02**
Sample Depth:

Sample ID **2475-014**
Matrix: WATER

Date Collected: 08/06/2002 14:00
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 00:14

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-40-08-02**
Sample Depth:

Sample ID **2475-015**
Matrix: WATER

Date Collected: 08/06/2002 14:15
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 00:40

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-40-08-02**
Sample Depth:

Sample ID **2475-015**
Matrix: WATER

Date Collected: 08/06/2002 14:15
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 00:40

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-45-08-02** Sample ID **2475-016** Date Collected: 08/06/2002 14:50
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/07/02 Date Analyzed: 08/08/02
Prep Time: 15:25 Time Analyzed: 01:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-45-08-02**
Sample Depth:

Sample ID **2475-016**
Matrix: WATER

Date Collected: 08/06/2002 14:50
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 01:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

DUPLICATE FOR DVP2-45

Summary of Analytical Results

Client ID: **DVP2-DUP2**
Sample Depth:

Sample ID **2475-017**
Matrix: WATER

Date Collected: 08/06/2002 14:50
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 01:31

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	1.3	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP2-45

Client ID: **DVP2-DUP2**
Sample Depth:

Sample ID **2475-017**
Matrix: WATER

Date Collected: 08/06/2002 14:50
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 01:31

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-50-08-02** Sample ID **2475-018** Date Collected: 08/06/2002 15:10
Sample Depth: Matrix: WATER Date Received: 08/07/2002 07:16

Analytical Method: SW8260B Prep Chemist: Debra Trinidad Analyst: Debra Trinidad
Prep Method: SW5030B Prep Date: 08/07/02 Date Analyzed: 08/08/02
Prep Time: 15:25 Time Analyzed: 01:57

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	22	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP2-50-08-02**
Sample Depth:

Sample ID **2475-018**
Matrix: WATER

Date Collected: 08/06/2002 15:10
Date Received: 08/07/2002 07:16

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Debra Trinidad
Prep Date: 08/07/02
Prep Time: 15:25

Analyst: Debra Trinidad
Date Analyzed: 08/08/02
Time Analyzed: 01:57

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-15-08-02**
Sample Depth:

Sample ID **2480-001**
Matrix: WATER

Date Collected: 08/07/2002 08:35
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/09/02
Prep Time: 09:16

Analyst: Thomas Gatch
Date Analyzed: 08/09/02
Time Analyzed: 17:54

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	8.3	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-15-08-02**
Sample Depth:

Sample ID **2480-001**
Matrix: WATER

Date Collected: 08/07/2002 08:35
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/09/02
Prep Time: 09:16

Analyst: Thomas Gatch
Date Analyzed: 08/09/02
Time Analyzed: 17:54

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-20-08-02** Sample ID **2480-002** Date Collected: 08/07/2002 08:45
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Thomas Gatch
Prep Method: SW5030B Prep Date: 08/09/02 Date Analyzed: 08/09/02
Prep Time: 09:16 Time Analyzed: 19:18

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-20-08-02**
Sample Depth:

Sample ID **2480-002**
Matrix: WATER

Date Collected: 08/07/2002 08:45
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/09/02
Prep Time: 09:16

Analyst: Thomas Gatch
Date Analyzed: 08/09/02
Time Analyzed: 19:18

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-25-08-02** Sample ID **2480-003** Date Collected: 08/07/2002 08:56
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Thomas Gatch
Prep Method: SW5030B Prep Date: 08/09/02 Date Analyzed: 08/09/02
Prep Time: 09:16 Time Analyzed: 19:46

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	7.2	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-25-08-02** Sample ID **2480-003** Date Collected: 08/07/2002 08:56
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Thomas Gatch
Prep Method: SW5030B Prep Date: 08/09/02 Date Analyzed: 08/09/02
Prep Time: 09:16 Time Analyzed: 19:46

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-30-08-02** Sample ID **2480-004** Date Collected: 08/07/2002 09:07
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/10/02
Prep Time: 12:05 Time Analyzed: 17:17

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.5	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-30-08-02**
Sample Depth:

Sample ID **2480-004**
Matrix: WATER

Date Collected: 08/07/2002 09:07
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 17:17

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-35-08-02**
Sample Depth:

Sample ID **2480-005**
Matrix: WATER

Date Collected: 08/07/2002 09:48
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 17:45

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	9.0	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-35-08-02**
Sample Depth:

Sample ID **2480-005**
Matrix: WATER

Date Collected: 08/07/2002 09:48
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 17:45

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-40-08-02**
Sample Depth:

Sample ID **2480-006**
Matrix: WATER

Date Collected: 08/07/2002 10:02
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 18:13

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	4.5	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-40-08-02**
Sample Depth:

Sample ID **2480-006**
Matrix: WATER

Date Collected: 08/07/2002 10:02
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 18:13

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP3-40

Client ID: **DVP3-DUP3**
Sample Depth:

Sample ID **2480-007**
Matrix: WATER

Date Collected: 08/07/2002 10:07
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 18:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP3-40

Client ID: **DVP3-DUP3**
Sample Depth:

Sample ID **2480-007**
Matrix: WATER

Date Collected: 08/07/2002 10:07
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 18:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-45-08-02**
Sample Depth:

Sample ID **2480-008**
Matrix: WATER

Date Collected: 08/07/2002 10:35
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 19:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-45-08-02**
Sample Depth:

Sample ID **2480-008**
Matrix: WATER

Date Collected: 08/07/2002 10:35
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 19:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-50-08-02**
Sample Depth:

Sample ID **2480-009**
Matrix: WATER

Date Collected: 08/07/2002 11:05
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 19:37

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP3-50-08-02** Sample ID **2480-009** Date Collected: 08/07/2002 11:05
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/10/02
Prep Time: 12:05 Time Analyzed: 19:37

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-15-08-02** Sample ID **2480-011** Date Collected: 08/07/2002 13:11
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/10/02
Prep Time: 12:05 Time Analyzed: 20:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-15-08-02**
Sample Depth:

Sample ID **2480-011**
Matrix: WATER

Date Collected: 08/07/2002 13:11
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 20:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-20-08-02** Sample ID **2480-012** Date Collected: 08/07/2002 13:25
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/10/02
Prep Time: 12:05 Time Analyzed: 20:33

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	11	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-20-08-02**
Sample Depth:

Sample ID **2480-012**
Matrix: WATER

Date Collected: 08/07/2002 13:25
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 20:33

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	0.83	5.0	ug/L	J
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-25-08-02** Sample ID **2480-013** Date Collected: 08/07/2002 13:40
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/10/02
Prep Time: 12:05 Time Analyzed: 21:00

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-25-08-02**
Sample Depth:

Sample ID **2480-013**
Matrix: WATER

Date Collected: 08/07/2002 13:40
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 21:00

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-30-08-02** Sample ID **2480-014** Date Collected: 08/07/2002 13:50
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/10/02
Prep Time: 12:05 Time Analyzed: 21:28

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	21	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-30-08-02**
Sample Depth:

Sample ID **2480-014**
Matrix: WATER

Date Collected: 08/07/2002 13:50
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 21:28

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-35-08-02** Sample ID **2480-015** Date Collected: 08/07/2002 14:07
Sample Depth: Matrix: WATER Date Received: 08/08/2002 07:40

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/10/02
Prep Time: 12:05 Time Analyzed: 21:56

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	12	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-35-08-02**
Sample Depth:

Sample ID **2480-015**
Matrix: WATER

Date Collected: 08/07/2002 14:07
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 21:56

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	0.78	5.0	ug/L	J
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-40-08-02**
Sample Depth:

Sample ID **2480-016**
Matrix: WATER

Date Collected: 08/07/2002 14:25
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 22:24

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-40-08-02**
Sample Depth:

Sample ID **2480-016**
Matrix: WATER

Date Collected: 08/07/2002 14:25
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 22:24

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	5.0	ug/L	U
Methyl tert-butyl ether	<R.L.	100	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	1.5	5.0	ug/L	J
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP4-40

Client ID: **DVP4-DUP4**
Sample Depth:

Sample ID **2480-017**
Matrix: WATER

Date Collected: 08/07/2002 14:30
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 22:51

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP4-40

Client ID: **DVP4-DUP4**
Sample Depth:

Sample ID **2480-017**
Matrix: WATER

Date Collected: 08/07/2002 14:30
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 22:51

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	2.6	5.0	ug/L	J
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-45-08-02**
Sample Depth:

Sample ID **2480-018**
Matrix: WATER

Date Collected: 08/07/2002 15:20
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 23:19

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-45-08-02**
Sample Depth:

Sample ID **2480-018**
Matrix: WATER

Date Collected: 08/07/2002 15:20
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 23:19

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	1.3	5.0	ug/L	J
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-50-08-02**
Sample Depth:

Sample ID **2480-019**
Matrix: WATER

Date Collected: 08/07/2002 15:40
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 23:46

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	19	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP4-50-08-02**
Sample Depth:

Sample ID **2480-019**
Matrix: WATER

Date Collected: 08/07/2002 15:40
Date Received: 08/08/2002 07:40

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 12:05

Analyst: Venkat Mudium
Date Analyzed: 08/10/02
Time Analyzed: 23:46

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-15-08-02**
Sample Depth:

Sample ID **2492-001**
Matrix: WATER

Date Collected: 08/08/2002 08:50
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW8260B_USACE

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 12:38

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	33	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	7.7	5.0	ug/L	
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-15-08-02** Sample ID **2492-001** Date Collected: 08/08/2002 08:50
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW8260B_USACE Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 12:38

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	900	50	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	7.4	5.0	ug/L	
trans-1,2-Dichloroethene	52	5.0	ug/L	
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	9.0	2.0	ug/L	
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-20-08-02** Sample ID **2492-002** Date Collected: 08/08/2002 09:10
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 21:06

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	17	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-20-08-02**
Sample Depth:

Sample ID **2492-002**
Matrix: WATER

Date Collected: 08/08/2002 09:10
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 21:06

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	42	5.0	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	1.7	5.0	ug/L	J
trans-1,2-Dichloroethene	1.3	5.0	ug/L	J
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	4.7	15	ug/L	J

Summary of Analytical Results

Client ID: **DVP5-25-08-02** Sample ID **2492-003** Date Collected: 08/08/2002 09:25
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW8260B_USACE Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 13:34

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	12	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	2.4	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-25-08-02** Sample ID **2492-003** Date Collected: 08/08/2002 09:25
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW8260B_USACE Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 13:34

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	1.9	5.0	ug/L	J
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-30-08-02** Sample ID **2492-004** Date Collected: 08/08/2002 09:37
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW8260B_USACE Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 13:58

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	11	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-30-08-02**
Sample Depth:

Sample ID **2492-004**
Matrix: WATER

Date Collected: 08/08/2002 09:37
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW8260B_USACE

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 13:58

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	1.6	5.0	ug/L	J
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP5-30

Client ID: **DVP5-DUP5-08-02**
Sample Depth:

Sample ID **2492-005**
Matrix: WATER

Date Collected: 08/08/2002 09:40
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW8260B_USACE

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 14:26

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	13	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

DUPLICATE FOR DVP5-30

Summary of Analytical Results

Client ID: **DVP5-DUP5-08-02**
Sample Depth:

Sample ID **2492-005**
Matrix: WATER

Date Collected: 08/08/2002 09:40
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW8260B_USACE

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 14:26

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	1.2	5.0	ug/L	J
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-35-08-02**
Sample Depth:

Sample ID **2492-006**
Matrix: WATER

Date Collected: 08/08/2002 10:05
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW8260B_USACE

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 14:50

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.5	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-35-08-02** Sample ID **2492-006** Date Collected: 08/08/2002 10:05
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW8260B_USACE Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 14:50

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-40-08-02** Sample ID **2492-007** Date Collected: 08/08/2002 10:23
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW8260B_USACE Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 15:15

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	24	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-40-08-02**
Sample Depth:

Sample ID **2492-007**
Matrix: WATER

Date Collected: 08/08/2002 10:23
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW8260B_USACE

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 15:15

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	11	5.0	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-45-08-02** Sample ID **2492-008** Date Collected: 08/08/2002 10:53
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW8260B_USACE Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 15:39

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	20	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-45-08-02**
Sample Depth:

Sample ID **2492-008**
Matrix: WATER

Date Collected: 08/08/2002 10:53
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW8260B_USACE

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 15:39

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	28	5.0	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	0.77	5.0	ug/L	J
trans-1,2-Dichloroethene	1.4	5.0	ug/L	J
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-50-08-02** Sample ID **2492-009** Date Collected: 08/08/2002 11:15
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW8260B_USACE Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 16:03

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.0	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP5-50-08-02** Sample ID **2492-009** Date Collected: 08/08/2002 11:15
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW8260B_USACE Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 16:03

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	3.3	5.0	ug/L	J
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-15-08-02**
Sample Depth:

Sample ID **2492-012**
Matrix: WATER

Date Collected: 08/08/2002 13:15
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 17:20

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	14	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-15-08-02**
Sample Depth:

Sample ID **2492-012**
Matrix: WATER

Date Collected: 08/08/2002 13:15
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 17:20

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	180	5.0	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	6.4	5.0	ug/L	
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	2.9	2.0	ug/L	
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-20-08-02** Sample ID **2492-013** Date Collected: 08/08/2002 13:20
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 17:48

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	12	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	4.0	5.0	ug/L	J
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-20-08-02**
Sample Depth:

Sample ID **2492-013**
Matrix: WATER

Date Collected: 08/08/2002 13:20
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 17:48

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	310	25	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	5.0	5.0	ug/L	J
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	3.4	2.0	ug/L	
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-25-08-02** Sample ID **2492-014** Date Collected: 08/08/2002 13:45
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 18:16

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	18	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-25-08-02**
Sample Depth:

Sample ID **2492-014**
Matrix: WATER

Date Collected: 08/08/2002 13:45
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 18:16

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	50	5.0	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-30-08-02**
Sample Depth:

Sample ID **2492-015**
Matrix: WATER

Date Collected: 08/08/2002 13:55
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 18:44

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	7.3	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-30-08-02** Sample ID **2492-015** Date Collected: 08/08/2002 13:55
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 18:44

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-35-08-02**
Sample Depth:

Sample ID **2492-016**
Matrix: WATER

Date Collected: 08/08/2002 14:42
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 19:13

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.2	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-35-08-02**
Sample Depth:

Sample ID **2492-016**
Matrix: WATER

Date Collected: 08/08/2002 14:42
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 19:13

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-40-08-02**
Sample Depth:

Sample ID **2492-017**
Matrix: WATER

Date Collected: 08/08/2002 15:00
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 19:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.1	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	1.1	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-40-08-02**
Sample Depth:

Sample ID **2492-017**
Matrix: WATER

Date Collected: 08/08/2002 15:00
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 19:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-45-08-02**
Sample Depth:

Sample ID **2492-018**
Matrix: WATER

Date Collected: 08/08/2002 15:30
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 20:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-45-08-02**
Sample Depth:

Sample ID **2492-018**
Matrix: WATER

Date Collected: 08/08/2002 15:30
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 20:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-50-08-02**
Sample Depth:

Sample ID **2492-019**
Matrix: WATER

Date Collected: 08/08/2002 16:15
Date Received: 08/09/2002 10:23

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 09:37

Analyst: Venkat Mudium
Date Analyzed: 08/12/02
Time Analyzed: 20:37

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	0.88	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP6-50-08-02** Sample ID **2492-019** Date Collected: 08/08/2002 16:15
Sample Depth: Matrix: WATER Date Received: 08/09/2002 10:23

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/12/02
Prep Time: 09:37 Time Analyzed: 20:37

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-10-08-02**
Sample Depth:

Sample ID **2503-011**
Matrix: WATER

Date Collected: 08/12/2002 13:50
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 19:36

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	16	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-10-08-02**
Sample Depth:

Sample ID **2503-011**
Matrix: WATER

Date Collected: 08/12/2002 13:50
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 19:36

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-15-08-02** Sample ID **2503-012** Date Collected: 08/12/2002 14:00
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 20:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	15	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-15-08-02**
Sample Depth:

Sample ID **2503-012**
Matrix: WATER

Date Collected: 08/12/2002 14:00
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 20:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-20-08-02** Sample ID **2503-013** Date Collected: 08/12/2002 14:10
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 20:33

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-20-08-02**
Sample Depth:

Sample ID **2503-013**
Matrix: WATER

Date Collected: 08/12/2002 14:10
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 20:33

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-25-08-02**
Sample Depth:

Sample ID **2503-014**
Matrix: WATER

Date Collected: 08/12/2002 14:15
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 21:01

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.4	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-25-08-02**
Sample Depth:

Sample ID **2503-014**
Matrix: WATER

Date Collected: 08/12/2002 14:15
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 21:01

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-30-08-02** Sample ID **2503-015** Date Collected: 08/12/2002 14:30
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 21:29

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-30-08-02** | Sample ID **2503-015** | Date Collected: 08/12/2002 14:30
Sample Depth: | Matrix: WATER | Date Received: 08/13/2002 09:29

Analytical Method: SW8260B | Prep Chemist: Venkat Mudium | Analyst: Venkat Mudium
Prep Method: SW5030B | Prep Date: 08/14/02 | Date Analyzed: 08/14/02
Prep Time: 09:51 | Time Analyzed: 21:29

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-35-08-02**
Sample Depth:

Sample ID **2503-016**
Matrix: WATER

Date Collected: 08/12/2002 15:15
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 12:01

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	4.9	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-35-08-02**
Sample Depth:

Sample ID **2503-016**
Matrix: WATER

Date Collected: 08/12/2002 15:15
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 12:01

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP 7-35

Client ID: **DVP7-DUP8**
Sample Depth:

Sample ID **2503-017**
Matrix: WATER

Date Collected: 08/12/2002 15:15
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 12:29

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	6.1	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP7-35

Client ID: **DVP7-DUP8**
Sample Depth:

Sample ID **2503-017**
Matrix: WATER

Date Collected: 08/12/2002 15:15
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 12:29

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-40-08-02** Sample ID **2503-018** Date Collected: 08/12/2002 15:40
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/15/02 Date Analyzed: 08/15/02
Prep Time: 09:18 Time Analyzed: 12:57

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.8	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-40-08-02**
Sample Depth:

Sample ID **2503-018**
Matrix: WATER

Date Collected: 08/12/2002 15:40
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 12:57

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-45-08-02**
Sample Depth:

Sample ID **2503-019**
Matrix: WATER

Date Collected: 08/12/2002 15:55
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 13:25

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	11	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP7-45-08-02**
Sample Depth:

Sample ID **2503-019**
Matrix: WATER

Date Collected: 08/12/2002 15:55
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 13:25

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-10-08-02**
Sample Depth:

Sample ID **2497-012**
Matrix: WATER

Date Collected: 08/08/2002 12:25
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 07:43

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	9.2	5.0	ug/L	
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-10-08-02** Sample ID **2497-012** Date Collected: 08/08/2002 12:25
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 07:43

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	4500	250	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	1.6	5.0	ug/L	J
trans-1,2-Dichloroethene	11	5.0	ug/L	
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	10	2.0	ug/L	
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-15-08-02**
Sample Depth:

Sample ID **2497-013**
Matrix: WATER

Date Collected: 08/08/2002 12:35
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 08:10

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	6.4	5.0	ug/L	
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	10	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-15-08-02** Sample ID **2497-013** Date Collected: 08/08/2002 12:35
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 08:10

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	2800	250	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	1.1	5.0	ug/L	J
trans-1,2-Dichloroethene	8.0	5.0	ug/L	
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	4.3	2.0	ug/L	
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-20-08-02**
Sample Depth:

Sample ID **2497-014**
Matrix: WATER

Date Collected: 08/09/2002 12:50
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 08:38

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	8.3	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-20-08-02** Sample ID **2497-014** Date Collected: 08/09/2002 12:50
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 08:38

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	15	5.0	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-25-08-02**
Sample Depth:

Sample ID **2497-015**
Matrix: WATER

Date Collected: 08/08/2002 13:00
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 09:02

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-25-08-02**
Sample Depth:

Sample ID **2497-015**
Matrix: WATER

Date Collected: 08/08/2002 13:00
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 09:02

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	1.3	5.0	ug/L	J
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-30-08-02**
Sample Depth:

Sample ID **2497-016**
Matrix: WATER

Date Collected: 08/08/2002 13:10
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 09:25

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-30-08-02** Sample ID **2497-016** Date Collected: 08/08/2002 13:10
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 09:25

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-35-08-02**
Sample Depth:

Sample ID **2497-017**
Matrix: WATER

Date Collected: 08/09/2002 13:35
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/13/02
Prep Time: 10:52

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 13:00

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	8.4	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-35-08-02**
Sample Depth:

Sample ID **2497-017**
Matrix: WATER

Date Collected: 08/09/2002 13:35
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/13/02
Prep Time: 10:52

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 13:00

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	13	5.0	ug/L	
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	6.7	5.0	ug/L	
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-40-08-02**
Sample Depth:

Sample ID **2497-018**
Matrix: WATER

Date Collected: 08/09/2002 13:47
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/13/02
Prep Time: 10:52

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 13:28

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-40-08-02**
Sample Depth:

Sample ID **2497-018**
Matrix: WATER

Date Collected: 08/09/2002 13:47
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/13/02
Prep Time: 10:52

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 13:28

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	2.3	5.0	ug/L	J
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	10	5.0	ug/L	
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-45-08-02**
Sample Depth:

Sample ID **2497-019**
Matrix: WATER

Date Collected: 08/09/2002 14:00
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/13/02
Prep Time: 10:52

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 13:53

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.4	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP8-45-08-02**
Sample Depth:

Sample ID **2497-019**
Matrix: WATER

Date Collected: 08/09/2002 14:00
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/13/02
Prep Time: 10:52

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 13:53

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	3.1	5.0	ug/L	J
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	6.7	5.0	ug/L	
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-10-08-02** Sample ID **2497-001** Date Collected: 08/09/2002 08:27
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 02:45

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	7.6	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-10-08-02**
Sample Depth:

Sample ID **2497-001**
Matrix: WATER

Date Collected: 08/09/2002 08:27
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 02:45

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-15-08-02**
Sample Depth:

Sample ID **2497-002**
Matrix: WATER

Date Collected: 08/09/2002 08:35
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 03:12

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	7.0	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-15-08-02** Sample ID **2497-002** Date Collected: 08/09/2002 08:35
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 03:12

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-20-08-02** Sample ID **2497-003** Date Collected: 08/09/2002 08:45
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 03:40

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.5	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-20-08-02**
Sample Depth:

Sample ID **2497-003**
Matrix: WATER

Date Collected: 08/09/2002 08:45
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 03:40

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-25-08-02** Sample ID **2497-004** Date Collected: 08/09/2002 08:53
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 04:07

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.9	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-25-08-02**
Sample Depth:

Sample ID **2497-004**
Matrix: WATER

Date Collected: 08/09/2002 08:53
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 04:07

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-30-08-02** Sample ID **2497-005** Date Collected: 08/09/2002 09:10
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 04:34

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	18	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	0.86	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-30-08-02**
Sample Depth:

Sample ID **2497-005**
Matrix: WATER

Date Collected: 08/09/2002 09:10
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 04:34

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-35-08-02** Sample ID **2497-006** Date Collected: 08/09/2002 10:05
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 05:56

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-35-08-02**
Sample Depth:

Sample ID **2497-006**
Matrix: WATER

Date Collected: 08/09/2002 10:05
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 05:56

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP9-35

Client ID: **DVP9-DUP6-08-02**
Sample Depth:

Sample ID **2497-008**
Matrix: WATER

Date Collected: 08/09/2002 10:10
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 06:21

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

DUPLICATE FOR DVP9-35

Summary of Analytical Results

Client ID: **DVP9-DUP6-08-02**
Sample Depth:

Sample ID **2497-008**
Matrix: WATER

Date Collected: 08/09/2002 10:10
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 06:21

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-40-08-02** Sample ID **2497-009** Date Collected: 08/09/2002 10:20
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 06:49

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-40-08-02**
Sample Depth:

Sample ID **2497-009**
Matrix: WATER

Date Collected: 08/09/2002 10:20
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 06:49

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-45-08-02** Sample ID **2497-011** Date Collected: 08/09/2002 10:40
Sample Depth: Matrix: WATER Date Received: 08/10/2002 09:30

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/12/02 Date Analyzed: 08/13/02
Prep Time: 22:03 Time Analyzed: 07:16

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U
Chloroform	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP9-45-08-02**
Sample Depth:

Sample ID **2497-011**
Matrix: WATER

Date Collected: 08/09/2002 10:40
Date Received: 08/10/2002 09:30

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/12/02
Prep Time: 22:03

Analyst: Venkat Mudium
Date Analyzed: 08/13/02
Time Analyzed: 07:16

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-10-08-02** Sample ID **2503-001** Date Collected: 08/12/2002 09:05
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 14:00

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-10-08-02**
Sample Depth:

Sample ID **2503-001**
Matrix: WATER

Date Collected: 08/12/2002 09:05
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 14:00

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-15-08-02** Sample ID **2503-002** Date Collected: 08/12/2002 09:15
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/15/02 Date Analyzed: 08/15/02
Prep Time: 09:18 Time Analyzed: 11:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	11	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-15-08-02**
Sample Depth:

Sample ID **2503-002**
Matrix: WATER

Date Collected: 08/12/2002 09:15
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 11:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-20-08-02**
Sample Depth:

Sample ID **2503-003**
Matrix: WATER

Date Collected: 08/12/2002 09:25
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 14:57

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.2	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-20-08-02**
Sample Depth:

Sample ID **2503-003**
Matrix: WATER

Date Collected: 08/12/2002 09:25
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 14:57

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-25-08-02** Sample ID **2503-004** Date Collected: 08/12/2002 09:35
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 15:25

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	5.6	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-25-08-02**
Sample Depth:

Sample ID **2503-004**
Matrix: WATER

Date Collected: 08/12/2002 09:35
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 15:25

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-30-08-02** Sample ID **2503-005** Date Collected: 08/12/2002 09:45
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 15:54

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	10	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-30-08-02** Sample ID **2503-005** Date Collected: 08/12/2002 09:45
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 15:54

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-35-08-02** Sample ID **2503-006** Date Collected: 08/12/2002 10:20
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 16:22

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	7.1	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-35-08-02** Sample ID **2503-006** Date Collected: 08/12/2002 10:20
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 16:22

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-40-08-02** Sample ID **2503-007** Date Collected: 08/12/2002 12:30
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 16:50

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	17	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-40-08-02**
Sample Depth:

Sample ID **2503-007**
Matrix: WATER

Date Collected: 08/12/2002 12:30
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/14/02
Prep Time: 09:51

Analyst: Venkat Mudium
Date Analyzed: 08/14/02
Time Analyzed: 16:50

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP10-40

Client ID: **DVP10-DUP7-08-02** Sample ID **2503-008** Date Collected: 08/12/2002 12:30
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 17:14

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	15	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP10-40

Client ID: **DVP10-DUP7-08-02** Sample ID **2503-008** Date Collected: 08/12/2002 12:30
Sample Depth: Matrix: WATER Date Received: 08/13/2002 09:29

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/14/02 Date Analyzed: 08/14/02
Prep Time: 09:51 Time Analyzed: 17:14

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-45-08-02**
Sample Depth:

Sample ID **2503-009**
Matrix: WATER

Date Collected: 08/12/2002 12:50
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 11:33

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	8.3	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP10-45-08-02**
Sample Depth:

Sample ID **2503-009**
Matrix: WATER

Date Collected: 08/12/2002 12:50
Date Received: 08/13/2002 09:29

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 11:33

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-10-08-02**
Sample Depth:

Sample ID: **2515-001**
Matrix: WATER

Date Collected: 08/13/2002 08:45
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 15:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	10	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-10-08-02**
Sample Depth:

Sample ID: **2515-001**
Matrix: WATER

Date Collected: 08/13/2002 08:45
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 15:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-15-08-02** Sample ID: **2515-002** Date Collected: 08/13/2002 08:57
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/15/02 Date Analyzed: 08/15/02
Prep Time: 09:18 Time Analyzed: 16:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	15	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-15-08-02** Sample ID: **2515-002** Date Collected: 08/13/2002 08:57
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/15/02 Date Analyzed: 08/15/02
Prep Time: 09:18 Time Analyzed: 16:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-20-08-02**
Sample Depth:

Sample ID: **2515-003**
Matrix: WATER

Date Collected: 08/13/2002 09:10
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 16:38

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-20-08-02**
Sample Depth:

Sample ID: **2515-003**
Matrix: WATER

Date Collected: 08/13/2002 09:10
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 16:38

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-25-08-02**
Sample Depth:

Sample ID: **2515-004**
Matrix: WATER

Date Collected: 08/13/2002 09:18
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/16/02
Prep Time: 11:36

Analyst: Venkat Mudium
Date Analyzed: 08/16/02
Time Analyzed: 18:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-25-08-02** Sample ID: **2515-004** Date Collected: 08/13/2002 09:18
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/16/02 Date Analyzed: 08/16/02
Prep Time: 11:36 Time Analyzed: 18:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-30-08-02** Sample ID: **2515-005** Date Collected: 08/13/2002 09:35
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/15/02 Date Analyzed: 08/15/02
Prep Time: 09:18 Time Analyzed: 18:02

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	4.4	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-30-08-02**
Sample Depth:

Sample ID: **2515-005**
Matrix: WATER

Date Collected: 08/13/2002 09:35
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 18:02

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	4.1	5.0	ug/L	J
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-35-08-02**
Sample Depth:

Sample ID: **2515-012**
Matrix: WATER

Date Collected: 08/13/2002 13:25
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/16/02
Prep Time: 11:36

Analyst: Venkat Mudium
Date Analyzed: 08/16/02
Time Analyzed: 22:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	2.4	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	1.1	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-35-08-02** Sample ID: **2515-012** Date Collected: 08/13/2002 13:25
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/16/02 Date Analyzed: 08/16/02
Prep Time: 11:36 Time Analyzed: 22:41

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP11-35

Client ID: **DVP11-DUP9-08-02** Sample ID: **2515-013** Date Collected: 08/13/2002 13:25
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/17/02 Date Analyzed: 08/17/02
Prep Time: 17:58 Time Analyzed: 20:16

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	0.95	5.0	ug/L	J
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP 11-35

Client ID: **DVP11-DUP9-08-02** Sample ID: **2515-013** Date Collected: 08/13/2002 13:25
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/17/02 Date Analyzed: 08/17/02
Prep Time: 17:58 Time Analyzed: 20:16

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-40-08-02** Sample ID: **2515-014** Date Collected: 08/13/2002 14:00
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/16/02 Date Analyzed: 08/16/02
Prep Time: 11:36 Time Analyzed: 22:17

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-40-08-02**
Sample Depth:

Sample ID: **2515-014**
Matrix: WATER

Date Collected: 08/13/2002 14:00
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/16/02
Prep Time: 11:36

Analyst: Venkat Mudium
Date Analyzed: 08/16/02
Time Analyzed: 22:17

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-45-08-02** Sample ID: **2515-015** Date Collected: 08/13/2002 14:10
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/16/02 Date Analyzed: 08/16/02
Prep Time: 11:36 Time Analyzed: 23:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP11-45-08-02**
Sample Depth:

Sample ID: **2515-015**
Matrix: WATER

Date Collected: 08/13/2002 14:10
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/16/02
Prep Time: 11:36

Analyst: Venkat Mudium
Date Analyzed: 08/16/02
Time Analyzed: 23:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-10-08-02** Sample ID: **2515-006** Date Collected: 08/13/2002 10:25
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/15/02 Date Analyzed: 08/15/02
Prep Time: 09:18 Time Analyzed: 19:31

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-10-08-02**
Sample Depth:

Sample ID: **2515-006**
Matrix: WATER

Date Collected: 08/13/2002 10:25
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/15/02
Prep Time: 09:18

Analyst: Venkat Mudium
Date Analyzed: 08/15/02
Time Analyzed: 19:31

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-15-08-02** Sample ID: **2515-007** Date Collected: 08/13/2002 10:35
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/16/02 Date Analyzed: 08/16/02
Prep Time: 11:36 Time Analyzed: 19:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	3.2	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-15-08-02** Sample ID: **2515-007** Date Collected: 08/13/2002 10:35
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/16/02 Date Analyzed: 08/16/02
Prep Time: 11:36 Time Analyzed: 19:09

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-20-08-02** Sample ID: **2515-008** Date Collected: 08/13/2002 10:45
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/16/02 Date Analyzed: 08/16/02
Prep Time: 11:36 Time Analyzed: 19:37

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-20-08-02**
Sample Depth:

Sample ID: **2515-008**
Matrix: WATER

Date Collected: 08/13/2002 10:45
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/16/02
Prep Time: 11:36

Analyst: Venkat Mudium
Date Analyzed: 08/16/02
Time Analyzed: 19:37

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-25-08-02** Sample ID: **2515-009** Date Collected: 08/13/2002 10:55
Sample Depth: Matrix: WATER Date Received: 08/14/2002 09:22

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/16/02 Date Analyzed: 08/16/02
Prep Time: 11:36 Time Analyzed: 20:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-25-08-02**
Sample Depth:

Sample ID: **2515-009**
Matrix: WATER

Date Collected: 08/13/2002 10:55
Date Received: 08/14/2002 09:22

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/16/02
Prep Time: 11:36

Analyst: Venkat Mudium
Date Analyzed: 08/16/02
Time Analyzed: 20:05

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-30-08-02** Sample ID: **2516-001** Date Collected: 08/14/2002 08:55
Sample Depth: Matrix: WATER Date Received: 08/15/0002 00:00

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/17/02 Date Analyzed: 08/17/02
Prep Time: 17:58 Time Analyzed: 20:44

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-30-08-02**
Sample Depth:

Sample ID: **2516-001**
Matrix: WATER

Date Collected: 08/14/2002 08:55
Date Received: 08/15/0002 00:00

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/17/02
Prep Time: 17:58

Analyst: Venkat Mudium
Date Analyzed: 08/17/02
Time Analyzed: 20:44

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DUP12-30

Client ID: **DVP12-DUP10-08-02** Sample ID: **2516-002** Date Collected: 08/14/2002 09:00
Sample Depth: Matrix: WATER Date Received: 08/15/0002 00:00

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/17/02 Date Analyzed: 08/17/02
Prep Time: 17:58 Time Analyzed: 21:11

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	4.7	50	ug/L	J
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

DUPLICATE FOR DVP12-30

Client ID: **DVP12-DUP10-08-02** Sample ID: **2516-002** Date Collected: 08/14/2002 09:00
Sample Depth: Matrix: WATER Date Received: 08/15/0002 00:00

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/17/02 Date Analyzed: 08/17/02
Prep Time: 17:58 Time Analyzed: 21:11

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-35-08-02**
Sample Depth:

Sample ID: **2516-003**
Matrix: WATER

Date Collected: 08/14/2002 09:10
Date Received: 08/15/0002 00:00

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/17/02
Prep Time: 17:58

Analyst: Venkat Mudium
Date Analyzed: 08/17/02
Time Analyzed: 21:39

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-35-08-02**
Sample Depth:

Sample ID: **2516-003**
Matrix: WATER

Date Collected: 08/14/2002 09:10
Date Received: 08/15/0002 00:00

Analytical Method: SW8260B
Prep Method: SW5030B

Prep Chemist: Venkat Mudium
Prep Date: 08/17/02
Prep Time: 17:58

Analyst: Venkat Mudium
Date Analyzed: 08/17/02
Time Analyzed: 21:39

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-40-08-02** Sample ID: **2516-004** Date Collected: 08/14/2002 09:20
Sample Depth: Matrix: WATER Date Received: 08/15/0002 00:00

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/17/02 Date Analyzed: 08/17/02
Prep Time: 17:58 Time Analyzed: 22:07

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-40-08-02** Sample ID: **2516-004** Date Collected: 08/14/2002 09:20
Sample Depth: Matrix: WATER Date Received: 08/15/0002 00:00

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/17/02 Date Analyzed: 08/17/02
Prep Time: 17:58 Time Analyzed: 22:07

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-45-08-02** Sample ID: **2516-005** Date Collected: 08/14/2002 09:35
Sample Depth: Matrix: WATER Date Received: 08/15/0002 00:00

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/17/02 Date Analyzed: 08/17/02
Prep Time: 17:58 Time Analyzed: 22:35

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
1,1,1,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,1-Trichloroethane	<R.L.	5.0	ug/L	U
1,1,2,2-Tetrachloroethane	<R.L.	5.0	ug/L	U
1,1,2-Trichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethane	<R.L.	5.0	ug/L	U
1,1-Dichloroethene	<R.L.	5.0	ug/L	U
1,1-Dichloropropene	<R.L.	5.0	ug/L	U
1,2,3-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,3-Trichloropropane	<R.L.	5.0	ug/L	U
1,2,4-Trichlorobenzene	<R.L.	5.0	ug/L	U
1,2,4-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,2-Dibromo-3-Chloropropane	<R.L.	5.0	ug/L	U
1,2-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,2-Dichloroethane	<R.L.	5.0	ug/L	U
1,2-Dichloropropane	<R.L.	5.0	ug/L	U
1,3,5-Trimethylbenzene	<R.L.	5.0	ug/L	U
1,3-Dichlorobenzene	<R.L.	5.0	ug/L	U
1,3-Dichloropropane	<R.L.	5.0	ug/L	U
1,4-Dichlorobenzene	<R.L.	5.0	ug/L	U
2,2-Dichloropropane	<R.L.	5.0	ug/L	U
2-Butanone	<R.L.	50	ug/L	U
2-Chloroethyl Vinyl Ether	<R.L.	50	ug/L	U
2-Chlorotoluene	<R.L.	5.0	ug/L	U
2-Hexanone	<R.L.	50	ug/L	U
4-Chlorotoluene	<R.L.	5.0	ug/L	U
4-Methyl-2-Pentanone	<R.L.	50	ug/L	U
Acetone	<R.L.	50	ug/L	U
Acrolein	<R.L.	100	ug/L	U
Acrylonitrile	<R.L.	100	ug/L	U
Benzene	<R.L.	5.0	ug/L	U
Bromobenzene	<R.L.	5.0	ug/L	U
Bromochloromethane	<R.L.	5.0	ug/L	U
Bromodichloromethane	<R.L.	5.0	ug/L	U
Bromoform	<R.L.	5.0	ug/L	U
Bromomethane	<R.L.	5.0	ug/L	U
Carbon Disulfide	<R.L.	5.0	ug/L	U
Carbon Tetrachloride	<R.L.	5.0	ug/L	U
Chlorobenzene	<R.L.	5.0	ug/L	U
Chloroethane	<R.L.	5.0	ug/L	U

Summary of Analytical Results

Client ID: **DVP12-45-08-02** Sample ID: **2516-005** Date Collected: 08/14/2002 09:35
Sample Depth: Matrix: WATER Date Received: 08/15/0002 00:00

Analytical Method: SW8260B Prep Chemist: Venkat Mudium Analyst: Venkat Mudium
Prep Method: SW5030B Prep Date: 08/17/02 Date Analyzed: 08/17/02
Prep Time: 17:58 Time Analyzed: 22:35

USACE VOCs by SW8260B	Result	Rep Limit	Units	Qualifier
Chloroform	<R.L.	5.0	ug/L	U
Chloromethane	<R.L.	5.0	ug/L	U
cis-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
cis-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
cis-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Dibromochloromethane	<R.L.	5.0	ug/L	U
Dibromomethane	<R.L.	5.0	ug/L	U
Dichlorodifluoromethane	<R.L.	5.0	ug/L	U
Ethylbenzene	<R.L.	5.0	ug/L	U
Hexachlorobutadiene	<R.L.	5.0	ug/L	U
Iodomethane (Methyl Iodide)	<R.L.	5.0	ug/L	U
Isopropyl Ether	<R.L.	5.0	ug/L	U
Isopropylbenzene	<R.L.	5.0	ug/L	U
Methyl Methacrylate	<R.L.	100	ug/L	U
Methyl tert-butyl ether	<R.L.	5.0	ug/L	U
Methylene Chloride	<R.L.	5.0	ug/L	U
Naphthalene	<R.L.	5.0	ug/L	U
n-Butylbenzene	<R.L.	5.0	ug/L	U
n-Propylbenzene	<R.L.	5.0	ug/L	U
p-Isopropyltoluene	<R.L.	5.0	ug/L	U
sec-Butylbenzene	<R.L.	5.0	ug/L	U
Styrene	<R.L.	5.0	ug/L	U
tert-Butylbenzene	<R.L.	5.0	ug/L	U
Tetrachloroethene	<R.L.	5.0	ug/L	U
Toluene	<R.L.	5.0	ug/L	U
trans-1,2-Dichloroethene	<R.L.	5.0	ug/L	U
trans-1,3-Dichloropropene	<R.L.	5.0	ug/L	U
trans-1,4-Dichloro-2-butene	<R.L.	5.0	ug/L	U
Trichloroethene	<R.L.	5.0	ug/L	U
Trichlorofluoromethane	<R.L.	5.0	ug/L	U
Vinyl Acetate	<R.L.	100	ug/L	U
Vinyl Chloride	<R.L.	2.0	ug/L	U
Xylenes, Total	<R.L.	15	ug/L	U

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-13-10

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169012

Date Collected: 12/11/02 Time: 12:45

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 8:37

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0044

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-13-10

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169012

Date Collected: 12/11/02 Time: 12:45

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 8:37

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	1.83	µg/l	J	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0045

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-13-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169013

Date Collected: 12/11/02 Time: 12:55

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 9:09

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-13-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169013

Date Collected: 12/11/02 Time: 12:55

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 9:09

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	1.15	µg/l	J	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-13-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169014

Date Collected: 12/11/02 Time: 13:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 9:41

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-13-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169014

Date Collected: 12/11/02 Time: 13:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 9:41

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0049

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169015

Date Collected: 12/11/02 Time: 13:15

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 14:23

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0051

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169015

Date Collected: 12/11/02 Time: 13:15

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 14:23

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0052

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169017

Date Collected: 12/11/02 Time: 13:30

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 15:27

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0055

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169017

Date Collected: 12/11/02 Time: 13:30

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 15:27

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169018

Date Collected: 12/11/02 Time: 13:45

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 15:59

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0057

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169018

Date Collected: 12/11/02 Time: 13:45

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 15:59

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

DUPLICATE FOR
DVP13-35

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1522

Sample ID: HAAF-DUP10
Project ID HAAF-MCA BARRACKS
Project Num 1690
Lab Sample ID: 169019
Date Collected: 12/11/02 Time: 8:30
Dilution Factor: 10
Date Analyzed: 12/13/02 Time: 16:31
Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	2.22	20
71-55-6	1,1,1-Trichloroethane		µg/l	U	1.8	20
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	1	20
79-00-5	1,1,2-Trichloroethane		µg/l	U	1.43	20
75-34-3	1,1-Dichloroethane		µg/l	U	2.14	20
75-35-4	1,1-Dichloroethene		µg/l	U	1.83	20
563-58-6	1,1-Dichloropropene		µg/l	U	1	20
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	1.42	20
96-18-4	1,2,3-Trichloropropane		µg/l	U	1.07	20
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	1.08	20
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	1.11	20
106-93-4	1,2-Dibromoethane		µg/l	U	1.17	20
95-50-1	1,2-Dichlorobenzene		µg/l	U	1.41	20
107-06-2	1,2-Dichloroethane		µg/l	U	1.82	20
78-87-5	1,2-Dichloropropane		µg/l	U	1.19	20
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	1.13	20
541-73-1	1,3-Dichlorobenzene		µg/l	U	1.89	20
142-28-9	1,3-Dichloropropane		µg/l	U	1.07	20
106-46-7	1,4-Dichlorobenzene		µg/l	U	1.5	20
590-20-7	2,2-Dichloropropane		µg/l	U	1.08	20
78-93-3	2-Butanone		µg/l	U	4.81	20
95-49-8	2-Chlorotoluene		µg/l	U	1.06	20
591-78-6	2-Hexanone		µg/l	U	1.63	20
106-43-4	4-Chlorotoluene		µg/l	U	1	20
99-87-6	4-Isopropyltoluene		µg/l	U	1	20
108-10-1	4-Methyl-2-pentanone		µg/l	U	1.28	20
67-64-1	Acetone		µg/l	U	6.12	20
71-43-2	Benzene		µg/l	U	1.39	20
108-86-1	Bromobenzene		µg/l	U	1.56	20
74-97-5	Bromochloromethane		µg/l	U	1.65	20
75-27-4	Bromodichloromethane		µg/l	U	1.35	20
75-25-2	Bromoform		µg/l	U	1.63	20
74-83-9	Bromomethane		µg/l	U	2.01	20
75-15-0	Carbon disulfide		µg/l	U	1.83	20
56-23-5	Carbon tetrachloride		µg/l	U	1.37	20
108-90-7	Chlorobenzene		µg/l	U	1.56	20
75-00-3	Chloroethane		µg/l	U	2.07	20
67-66-3	Chloroform		µg/l	U	2.14	20

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0059

DUPLICATE FOR DUP13-35

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DUP10

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169019

Date Collected: 12/11/02 Time: 8:30

Dilution Factor: 10

Date Analyzed: 12/13/02 Time: 16:31

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	1.73	20
156-59-2	cis-1,2-Dichloroethene		µg/l	U	1.51	20
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	1	20
124-48-1	Dibromochloromethane		µg/l	U	1.33	20
74-95-3	Dibromomethane		µg/l	U	1	20
75-71-8	Dichlorodifluoromethane		µg/l	U	5	20
100-41-4	Ethylbenzene		µg/l	U	1	20
87-68-3	Hexachlorobutadiene		µg/l	U	1.92	20
98-82-8	Isopropylbenzene		µg/l	U	1	20
75-09-2	Methylene chloride		µg/l	U	3.98	20
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	1	20
m+p xylene	m-Xylene and p-Xylene		µg/l	U	2.16	20
91-20-3	Naphthalene		µg/l	U	1.39	20
104-51-8	n-Butylbenzene		µg/l	U	1.4	20
103-65-1	n-Propylbenzene		µg/l	U	1	20
95-47-6	o-Xylene		µg/l	U	1.02	20
135-98-8	sec-Butylbenzene		µg/l	U	1.33	20
100-42-5	Styrene		µg/l	U	1	20
98-06-6	tert-Butylbenzene		µg/l	U	1.7	20
127-18-4	Tetrachloroethene		µg/l	U	1.15	20
108-88-3	Toluene		µg/l	U	1.05	20
156-60-5	trans-1,2-Dichloroethene		µg/l	U	1.52	20
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	1	20
79-01-6	Trichloroethene		µg/l	U	1.51	20
75-69-4	Trichlorofluoromethane		µg/l	U	1.11	20
108-05-4	Vinyl acetate		µg/l	U	5	20
75-01-4	Vinyl chloride		µg/l	U	2.39	20

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-40

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169020

Date Collected: 12/11/02 Time: 14:10

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 17:04

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0061

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-40

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169020

Date Collected: 12/11/02 Time: 14:10

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 17:04

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0062

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-45

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169021

Date Collected: 12/11/02 Time: 14:40

Dilution Factor: 25

Date Analyzed: 12/13/02 Time: 17:36

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	5.55	50
71-55-6	1,1,1-Trichloroethane		µg/l	U	4.5	50
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	2.5	50
79-00-5	1,1,2-Trichloroethane		µg/l	U	3.58	50
75-34-3	1,1-Dichloroethane		µg/l	U	5.35	50
75-35-4	1,1-Dichloroethene		µg/l	U	4.58	50
563-58-6	1,1-Dichloropropene		µg/l	U	2.5	50
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	3.55	50
96-18-4	1,2,3-Trichloropropane		µg/l	U	2.68	50
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	2.7	50
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	2.78	50
106-93-4	1,2-Dibromoethane		µg/l	U	2.92	50
95-50-1	1,2-Dichlorobenzene		µg/l	U	3.52	50
107-06-2	1,2-Dichloroethane		µg/l	U	4.55	50
78-87-5	1,2-Dichloropropane		µg/l	U	2.98	50
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	2.82	50
541-73-1	1,3-Dichlorobenzene		µg/l	U	4.73	50
142-28-9	1,3-Dichloropropane		µg/l	U	2.68	50
106-46-7	1,4-Dichlorobenzene		µg/l	U	3.75	50
590-20-7	2,2-Dichloropropane		µg/l	U	2.7	50
78-93-3	2-Butanone		µg/l	U	12	50
95-49-8	2-Chlorotoluene		µg/l	U	2.65	50
591-78-6	2-Hexanone		µg/l	U	4.08	50
106-43-4	4-Chlorotoluene		µg/l	U	2.5	50
99-87-6	4-Isopropyltoluene		µg/l	U	2.5	50
108-10-1	4-Methyl-2-pentanone		µg/l	U	3.2	50
67-64-1	Acetone		µg/l	U	15.3	50
71-43-2	Benzene		µg/l	U	3.48	50
108-86-1	Bromobenzene		µg/l	U	3.9	50
74-97-5	Bromochloromethane		µg/l	U	4.12	50
75-27-4	Bromodichloromethane		µg/l	U	3.38	50
75-25-2	Bromoform		µg/l	U	4.08	50
74-83-9	Bromomethane		µg/l	U	5.03	50
75-15-0	Carbon disulfide		µg/l	U	4.58	50
56-23-5	Carbon tetrachloride		µg/l	U	3.42	50
108-90-7	Chlorobenzene		µg/l	U	3.9	50
75-00-3	Chloroethane		µg/l	U	5.18	50
67-66-3	Chloroform		µg/l	U	5.35	50

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0063

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-13-45

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169021

Date Collected: 12/11/02 Time: 14:40

Dilution Factor: 25

Date Analyzed: 12/13/02 Time: 17:36

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	4.32	50
156-59-2	cis-1,2-Dichloroethene		µg/l	U	3.78	50
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	2.5	50
124-48-1	Dibromochloromethane		µg/l	U	3.32	50
74-95-3	Dibromomethane		µg/l	U	2.5	50
75-71-8	Dichlorodifluoromethane		µg/l	U	12.5	50
100-41-4	Ethylbenzene		µg/l	U	2.5	50
87-68-3	Hexachlorobutadiene		µg/l	U	4.8	50
98-82-8	Isopropylbenzene		µg/l	U	2.5	50
75-09-2	Methylene chloride		µg/l	U	9.95	50
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	2.5	50
m+p xylene	m-Xylene and p-Xylene		µg/l	U	5.4	50
91-20-3	Naphthalene		µg/l	U	3.48	50
104-51-8	n-Butylbenzene		µg/l	U	3.5	50
103-65-1	n-Propylbenzene		µg/l	U	2.5	50
95-47-6	o-Xylene		µg/l	U	2.55	50
135-98-8	sec-Butylbenzene		µg/l	U	3.32	50
100-42-5	Styrene		µg/l	U	2.5	50
98-06-6	tert-Butylbenzene		µg/l	U	4.25	50
127-18-4	Tetrachloroethene		µg/l	U	2.88	50
108-88-3	Toluene		µg/l	U	2.62	50
156-60-5	trans-1,2-Dichloroethene		µg/l	U	3.8	50
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	2.5	50
79-01-6	Trichloroethene		µg/l	U	3.78	50
75-69-4	Trichlorofluoromethane		µg/l	U	2.78	50
108-05-4	Vinyl acetate		µg/l	U	12.5	50
75-01-4	Vinyl chloride		µg/l	U	5.98	50

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0064

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-10

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169716

Date Collected: 12/12/02 Time: 13:40

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 14:58

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0051

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-10

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169716

Date Collected: 12/12/02 Time: 13:40

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 14:58

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1534

Sample ID: HAAF-DVP-14-15
Project ID HAAF-MCA BARRACKS
Project Num 1697
Lab Sample ID: 169717
Date Collected: 12/12/02 Time: 13:50
Dilution Factor: 1
Date Analyzed: 12/18/02 Time: 15:30
Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0053

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-15

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169717

Date Collected: 12/12/02 Time: 13:50

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 15:30

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0054

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1534

Sample ID: HAAF-DVP-14-20
Project ID HAAF-MCA BARRACKS
Project Num 1697
Lab Sample ID: 169718
Date Collected: 12/12/02 Time: 14:00
Dilution Factor: 1
Date Analyzed: 12/18/02 Time: 16:02
Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0055

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-20

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169718

Date Collected: 12/12/02 Time: 14:00

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 16:02

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-25

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169719

Date Collected: 12/12/02 Time: 14:10

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 16:34

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0057

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-25

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169719

Date Collected: 12/12/02 Time: 14:10

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 16:34

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0058

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-30

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169720

Date Collected: 12/12/02 Time: 14:20

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 17:06

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-30

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169720

Date Collected: 12/12/02 Time: 14:20

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 17:06

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-35

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169721

Date Collected: 12/12/02 Time: 14:30

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 17:38

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-35

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169721

Date Collected: 12/12/02 Time: 14:30

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 17:38

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169722

Date Collected: 12/12/02 Time: 14:50

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 18:10

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0063

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169722

Date Collected: 12/12/02 Time: 14:50

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 18:10

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169723

Date Collected: 12/12/02 Time: 15:20

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 18:42

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-14-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169723

Date Collected: 12/12/02 Time: 15:20

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 18:42

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-10

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169704

Date Collected: 12/12/02 Time: 10:15

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 18:37

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-10

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169704

Date Collected: 12/12/02 Time: 10:15

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 18:37

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0027

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-15

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169705

Date Collected: 12/12/02 Time: 10:25

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 19:09

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-15

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169705

Date Collected: 12/12/02 Time: 10:25

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 19:09

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-20

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169706

Date Collected: 12/12/02 Time: 10:35

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 19:41

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0030

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	Analytical Managment Laboratories	Sample ID:	HAAF-DVP-15-20
Client ID:	CESAS	Project ID	HAAF-MCA BARRACKS
Matrix:	W	Project Num	1697
Sample g/ml:	25	Lab Sample ID:	169706
% Solids: not dec.		Date Collected:	12/12/02 Time: 10:35
Instrument ID	Instru	Dilution Factor:	1
Analytical Method:	8260B	Date Analyzed:	12/17/02 Time: 19:41
Prep Method:	EPA 5030	Date Received:	12/13/02 10:30:00 AM
Analytical Batch:	1533		

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-25

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169707

Date Collected: 12/12/02 Time: 10:45

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 20:13

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-25

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169707

Date Collected: 12/12/02 Time: 10:45

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 20:13

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-30

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169708

Date Collected: 12/12/02 Time: 10:55

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 20:45

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1533

Sample ID: HAAF-DVP-15-30
Project ID HAAF-MCA BARRACKS
Project Num 1697
Lab Sample ID: 169708
Date Collected: 12/12/02 Time: 10:55
Dilution Factor: 1
Date Analyzed: 12/17/02 Time: 20:45
Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-35

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169709

Date Collected: 12/12/02 Time: 12:10

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 21:17

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-15-35

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169709

Date Collected: 12/12/02 Time: 12:10

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 21:17

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR DUP-15-35

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1533

Sample ID: HAAF-DUP12
Project ID HAAF-MCA BARRACKS
Project Num 1697
Lab Sample ID: 169710
Date Collected: 12/12/02 Time: 8:00
Dilution Factor: 1
Date Analyzed: 12/17/02 Time: 21:49
Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0038

DUPLICATE FOR DUP-15-35

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DUP12

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169710

Date Collected: 12/12/02 Time: 8:00

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 21:49

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	Analytical Managment Laboratories	Sample ID:	HAAF-DVP-15-40
Client ID:	CESAS	Project ID	HAAF-MCA BARRACKS
Matrix:	W	Project Num	1697
Sample g/ml:	25	Lab Sample ID:	169711
% Solids: not dec.		Date Collected:	12/12/02 Time: 12:30
Instrument ID	Instru	Dilution Factor:	1
Analytical Method:	8260B	Date Analyzed:	12/18/02 Time: 12:18
Prep Method:	EPA 5030	Date Received:	12/13/02 10:30:00 AM
Analytical Batch:	1534		

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-15-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169711

Date Collected: 12/12/02 Time: 12:30

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 12:18

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1534

Sample ID: HAAF-DVP-15-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169715

Date Collected: 12/12/02 Time: 13:00

Dilution Factor: 1

Date Analyzed: 12/18/02 Time: 14:26

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	Analytical Managment Laboratories	Sample ID:	HAAF-DVP-15-45
Client ID:	CESAS	Project ID	HAAF-MCA BARRACKS
Matrix:	W	Project Num	1697
Sample g/ml:	25	Lab Sample ID:	169715
% Solids: not dec.		Date Collected:	12/12/02 Time: 13:00
Instrument ID	Instru	Dilution Factor:	1
Analytical Method:	8260B	Date Analyzed:	12/18/02 Time: 14:26
Prep Method:	EPA 5030	Date Received:	12/13/02 10:30:00 AM
Analytical Batch:	1534		

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-10

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169023

Date Collected: 12/11/02 Time: 15:25

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 18:40

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1522

Sample ID: HAAF-DVP-16-10
Project ID HAAF-MCA BARRACKS
Project Num 1690
Lab Sample ID: 169023
Date Collected: 12/11/02 Time: 15:25
Dilution Factor: 5
Date Analyzed: 12/13/02 Time: 18:40
Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169024

Date Collected: 12/11/02 Time: 15:35

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 19:12

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169024

Date Collected: 12/11/02 Time: 15:35

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 19:12

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169025

Date Collected: 12/11/02 Time: 15:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 19:44

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169025

Date Collected: 12/11/02 Time: 15:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 19:44

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169026

Date Collected: 12/11/02 Time: 15:55

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 20:16

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0073

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169026

Date Collected: 12/11/02 Time: 15:55

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 20:16

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0074

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169027

Date Collected: 12/11/02 Time: 16:10

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 20:48

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169027

Date Collected: 12/11/02 Time: 16:10

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 20:48

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR DUP-16-30

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1522

Sample ID: HAAF-DUP11
Project ID HAAF-MCA BARRACKS
Project Num 1690
Lab Sample ID: 169028
Date Collected: 12/11/02 Time: 8:45
Dilution Factor: 5
Date Analyzed: 12/13/02 Time: 21:20
Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

DUPLICATE FOR DUP-16-30

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DUP11

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169028

Date Collected: 12/11/02 Time: 8:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 21:20

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169029

Date Collected: 12/11/02 Time: 16:40

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 21:52

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1522

Sample ID: HAAF-DVP-16-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169029

Date Collected: 12/11/02 Time: 16:40

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 21:52

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-16-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169701

Date Collected: 12/12/02 Time: 9:15

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 17:01

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0020

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-16-40

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169701

Date Collected: 12/12/02 Time: 9:15

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 17:01

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-16-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169702

Date Collected: 12/12/02 Time: 9:40

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 17:33

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1533

Sample ID: HAAF-DVP-16-45

Project ID HAAF-MCA BARRACKS

Project Num 1697

Lab Sample ID: 169702

Date Collected: 12/12/02 Time: 9:40

Dilution Factor: 1

Date Analyzed: 12/17/02 Time: 17:33

Date Received: 12/13/02 10:30:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-10

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169001

Date Collected: 12/11/02 Time: 9:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 2:44

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-10

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169001

Date Collected: 12/11/02 Time: 9:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 2:44

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169002

Date Collected: 12/11/02 Time: 9:15

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 3:16

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-15

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169002

Date Collected: 12/11/02 Time: 9:15

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 3:16

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169003

Date Collected: 12/11/02 Time: 9:25

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 3:48

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0026

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-20

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169003

Date Collected: 12/11/02 Time: 9:25

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 3:48

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169004

Date Collected: 12/11/02 Time: 9:35

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 4:20

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0028

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-25

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169004

Date Collected: 12/11/02 Time: 9:35

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 4:20

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169005

Date Collected: 12/11/02 Time: 9:50

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 4:52

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0030

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-30

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169005

Date Collected: 12/11/02 Time: 9:50

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 4:52

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR DUP-17-30

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DUP9

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169007

Date Collected: 12/11/02 Time: 8:00

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 5:56

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0034

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR DUP-17-30

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1521

Sample ID: HAAF-DUP9
Project ID HAAF-MCA BARRACKS
Project Num 1690
Lab Sample ID: 169007
Date Collected: 12/11/02 Time: 8:00
Dilution Factor: 5
Date Analyzed: 12/13/02 Time: 5:56
Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169006

Date Collected: 12/11/02 Time: 10:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 5:24

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0032

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-35

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169006

Date Collected: 12/11/02 Time: 10:05

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 5:24

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0033

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-40

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169008

Date Collected: 12/11/02 Time: 10:20

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 6:28

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0036

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-40

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169008

Date Collected: 12/11/02 Time: 10:20

Dilution Factor: 1

Date Analyzed: 12/13/02 Time: 6:28

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-45

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169010

Date Collected: 12/11/02 Time: 10:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 7:32

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0040

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories

Client ID: CESAS

Matrix: W

Sample g/ml: 25

% Solids: not dec.

Instrument ID Instru

Analytical Method: 8260B

Prep Method: EPA 5030

Analytical Batch: 1521

Sample ID: HAAF-DVP-17-45

Project ID HAAF-MCA BARRACKS

Project Num 1690

Lab Sample ID: 169010

Date Collected: 12/11/02 Time: 10:45

Dilution Factor: 5

Date Analyzed: 12/13/02 Time: 7:32

Date Received: 12/12/02 10:45:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	2.5	10
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

PAGE 1 of 2 28562

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # DO# 0198
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912 652-5660 Fax # 912-652-6012
Project Name: DAACG - HAAF
Project Number: —

For Laboratory Use Only

Custody Seal: (Y) N
Page 1 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: BB 12°C
Sample Condition: GOOD
AAL Lab Project # 2475

Samplers: (signature): D. Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~
DVP1-15-08-02	6 AUG 02 0840		X	W		DVP 1	3	3										2475-001
DVP1-20-08-02	6 AUG 02 0850		X	W		"	3	3										2
DVP1-25-08-02	6 AUG 02 0900		X	W		"	3	3										3
DVP1-30-08-02	6 AUG 02 0915		X	W		"	3	3										4
DVP1-35-08-02	6 AUG 02 0955		X	W		"	3	3										5
DVP1-40-08-02	6 AUG 02 1005		X	W		"	3	3										6
DVP1-45-08-02	6 AUG 02 1045		X	W		"	3	3										7
DVP1-50-08-02	6 AUG 02 1105		X	W		DVP 1 DUP	3	3										8
DVP2-15-08-02	6 AUG 02 1255		X	W		DVP 2	3	3										9
DVP2-20-08-02	6 AUG 02 1305		X	W		DVP 2	3	3										2475-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
D. Polacsek	06 AUG 02 1730	SHIPPING		UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS	080702 0716	CHARLES LIGHT	080702 0716	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

 32101

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, P.O. BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # D.O. # 0198
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG - HAAF
Project Number: →

For Laboratory Use Only

Custody Seal: Y N
Page 2 OF 2
QC Level: N 1 2 3 4
Init/Temp: RGB/29C
Sample Condition: GOOD
AAL Lab Project # 24175

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~ BB 080702
DVP2-DUP1	6 AUG 02 1310		X	W		DVP 2	3	3										24175-011
DVP2-25-08-02	6 AUG 02 1315		X	W		"	3	3										12
DVP2-30-08-02	6 AUG 02 1325		X	W		"	3	3										13
DVP2-35-08-02	6 AUG 02 1400		X	W		"	3	3										14
DVP2-40-08-02	6 AUG 02 1415		X	W		"	3	3										15
DVP2-45-08-02	6 AUG 02 1450		X	W		"	3	3										16
DVP2-DUP2	6 AUG 02 1450		X	W		"	3	3										17
DVP2-50-08-02	6 AUG 02 1510		X	W		DVP 2	3	3										18
TRIP BLANK			X	W		—	2	2									"LARGE COOLER" 12389376 21 1001 7727	19
TRIP BLANK			X	W		—	2	2									"SMALL COOLER" 12389376 21 1001 7718	24175-020

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	06 AUG 02 1730	SHIPPING		UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS	080702 0728	BB 080702 ARCHARLES LIGHT	080702 0716	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

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Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE, PO BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # DO # 0198
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAAGC-HAAF
Project Number: —

For Laboratory Use Only

Custody Seal: (Y) N
Page 1 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: GOOD
AAL Lab ~~Project~~ # WO # 2480

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~ (Laboratory)
DVP3-15-08-02	7AUG02 0835		X	W		DVP3	3	3										2480-001
DVP3-20-08-02	7AUG02 0845		X	W		"	3	3										2
DVP3-25-08-02	7AUG02 0856		X	W		"	3	3										3
DVP3-30-08-02	7AUG02 0907		X	W		"	3	3										4
DVP3-35-08-02	7AUG02 0948		X	W		"	3	3										5
DVP3-40-08-02	7AUG02 1002		X	W		"	3	3										6
DVP3-DUP3	7AUG02 1007		X	W		"	3	3										7
DVP3-45-08-02	7AUG02 1035		X	W		"	3	3										8
DVP3-50-08-02	7AUG02 1105		X	W		DVP3	3	3										9
DVP3-BLK 1	7AUG02 1115		X	W		DVP 3	3	3										2480-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	7AUG02 1815	SHIPPING		UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS N/DIA	080802/07:40	[illegible]	080802/07:40	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

PAGE 2 of 3 32103

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402-0889
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAAGG-HAAF
Project Number: –

Billing address: AS LEFT
Client P.O. # DO # 0198

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: GOOD
AAL Lab ~~Project#~~ WO # 2480

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260								Remarks	Accura Sample ID ~~No. AB~~	
DVP4-15-08-02	7AUG 02 1311		X	W		DVP 4	3	3									2480-01	1
DVP4-20-08-02	7AUG 02 1325		X	W		"	3	3										2
DVP4-25-08-02	7AUG 02 1340		X	W		"	3	3										3
DVP4-30-08-02	7AUG 02 1350		X	W		"	3	3										4
DVP4-35-08-02	7AUG 02 1407		X	W		"	3	3										5
DVP4-40-08-02	7AUG 02 1425		X	W		"	3	3										6
DVP4-Dup 4	7AUG 02 1430		X	W		"	3	3										7
DVP4-45-08-02	7AUG 02 1520		X	W		"	3	3										8
DKP ~~DVP4-45-0~~																		
DVP4-50-08-02	7AUG 02 1540		X	W		DVP 4	3	3									2480-01	9

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	7AUG-02 1815	SHIPPING		UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS N/D/A	08/08/07:40		08/08/07:40	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC87-2.XLS

PAGE 3 of 3

32176

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402-0889
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG - HAAF
Project Number: -

Billing address: AS LEFT
Client P.O. # DO #0198

For Laboratory Use Only

Custody Seal: (Y) N
Page 3 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: [illegible]
Sample Condition: GOOD
AAL Lab ~~Project~~ # W.O# 2480

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260								Remarks	Accura Sample ID No. ~~AB~~
TRIP BLANK	—			W		—	2	2								(1) BB 08-02	2480-020
DVP4-BLK2-08-02	7 AUG 02 1622		X	W		DVP 4	3	3									1
TRIP BLANK	—			W		—	2	2								(2) BB 08-02	2

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	7 AUG 02 1815	SHIPPING		UNPRESERVED
Relinquished By: UPS N/D/A	Date / Time 8 AUG 02 / 07:40	Received By: [illegible]	Date / Time 8 AUG 02 / 07:40	Turnaround Time Requested:

Matrix Guides (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

 31622

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USACE Savannah District
Billing address: Same
Address: 100 West Oglethorpe Ave Savannah, GA 31401
Client P.O. # DO # 0198
Report Sent to: (Client Contact): Jim Cubbage
Contact Phone # (912) 652-5660 Fax # (912) 652-6012
Project Name: DAACG-HAAF Savannah, GA
Project Number:

For Laboratory Use Only
Custody Seal: (Y) N
Page 1 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: 2c
Sample Condition: GOOD
AAL Lab ~~Project #~~ W.O# 2492

Samplers: (signature): Michael Dardis
Samplers: (printed): Michael Dardis

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~ 8/8/02
DVP5-15-08-02	8-8-02 0850		X	W		DAACG-HAAF	3	3										2492-001
DVP5-20-08-02	8-8-02 0910		X	W		" "	3	3										2
DVP5-25-08-02	8-8-02 0925		X	W		" "	3	3										3
DVP5-30-08-02	8-8-02 0937		X	W		" "	3	3										4
DVP5-Dup5-08-02	8-8-02 0940		X	W		" "	3	3										5
DVP5-35-08-02	8-8-02 1005		X	W		" "	3	3										6
DVP5-40-08-02	8-8-02 1023		X	W		" "	3	3										7
DVP5-45-08-02	8-8-02 1053		X	W		" "	3	3										8
DVP5-50-08-02	8-8-02 1115		X	W		" "	3	3										9
Trip Blank				W		—	2	2										2492-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Dardis	8-8-02 1730	Shipped	8-8-02 1730	
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS NDA	8/9/02 1023	LA	8/9/02 1023	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

31438

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USACE Savannah District
Billing address: Same
Address: 100 West Oglethorpe Ave Savannah, GA 3140
Client P.O. # DO #0198
Report Sent to: (Client Contact): Jim Cubbage
Contact Phone # (912) 652-5660 Fax # (912) 652-6012
Project Name: DAACG - HAAF Savannah, GA 3140
Project Number:

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: 25C
Sample Condition: GOOD
AAL Lab ~~Project~~ W.O.# 2492

Samplers: (signature): Michael Dardis
Samplers: (printed): Michael Dardis

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260								Remarks	Accura Sample ID ~~No. AB~~ 020902 BB
DVP5-BLK3-08-02	8-8-02 1120		X	W		DAACG-HAAF	3	3									2492-011
DVP6-15-08-02	8-8-02 1315		X	W		" "	3	3									2
DVP6-20-08-02	8-8-02 1320		X	W		" "	3	3									3
DVP6-25-08-02	8-8-02 1345		X	W		" "	3	3									4
DVP6-30-08-02	8-8-02 1355		X	W		" "	3	3									5
DVP6-35-08-02	8-8-02 1442		X	W		" "	3	3									6
DVP6-40-08-02	8-8-02 1500		X	W		" "	3	3									7
DVP6-45-08-02	8-8-02 1530		X	W		" "	3	3									8
DVP6-50-08-02	8-8-02 1615		X	W		" "	3	3									9
DVP6-BLK4-08-02	8-8-02 1625		X	W		" "	3	3									2492-020

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Dardis	8-8-02 1730	Shipped	8-8-02 1730	
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS NMA	08/09/02 10:23	[illegible]	08/09/02 10:23	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

PAGE 1 of 3 31370

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402
Client P.O. # D.O. # 0198
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number:

For Laboratory Use Only

Custody Seal: (Y) N Page 1 OF 3
QC Level: N 1 (2) 3 4 Init/Temp: 4.2°C
Sample Condition: GOOD AAL Lab ~~Project #~~ W04-2503

Samplers: (signature): Dana Polacek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. AB
DVP10-10-08-02	12AUG02 0905		X	W		DVP 10	3	3										2503-001
DVP10-15-08-02	12AUG02 0915		X	W		"	3	3										2
DVP10-20-08-02	12AUG02 0925		X	W		"	3	3										3
DVP10-25-08-02	12AUG02 0935		X	W		"	3	3										4
DVP10-30-08-02	12AUG02 0945		X	W		"	3	3										5
DVP10-35-08-02	12AUG02 1020		X	W		"	3	3										6
DVP10-40-08-02	12AUG02 1230		X	W		"	3	3										7
DVP10-Dup2-08-02	12AUG02 1230		X	W		"	3	3										8
DVP10-45-08-02	12AUG02 1250		X	W		"	3	3										9
DVP10-BLK6-08-02	12AUG02 1315		X	W		DVP 10	3	3										2503-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacek	12AUG02 1800	SHIPPING UPS	12AUG-02 1800	UNPRESERVED
Relinquished By: UPS NIDIA	Date / Time 8/13/02 9:29	Received By:	Date / Time 08/13/02 9:29	Turnaround Time Requested:

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

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33789

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number: –

Billing address: AS LEFT
Client P.O. # D.O. #0198

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: GOOD
AAL Lab ~~Project~~ # W.O.# 2503

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260	Remarks	Accura Sample ID ~~No. AB~~ 081302
DVP7-10-08-02	12 AUG 02 1350		X	W		DVP 7	3	3		2503-011
DVP7-15-08-02	12 AUG 02 1400		X	W		"	3	3		2
DVP7-20-08-02	12 AUG 02 1410		X	W		"	3	3		3
DVP7-25-08-02	12 AUG 02 1415		X	W		"	3	3		4
DVP7-30-08-02	12 AUG 02 1430		X	W		"	3	3		5
DVP7-35-08-02	12 AUG 02 1515		X	W		"	3	3		6
DVP7-Dup8 ~~08-02~~ DVP	12 AUG 02 1515		X	W		"	3	3		7
DVP7-40-08-02	12 AUG 02 1540		X	W		"	3	3		8
DVP7-45-08-02	12 AUG 02 1555		X	W		DVP7	3	3		9
DVP7-~~BLK7-08-02~~	12 AUG 02 1610		X	W		DVP 7	3	3		2503-020

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	12 AUG 02 1800	SHIPPING	12 AUG 02 1800	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS N/D/A	08/13/02 09:12		08/13/02 09:12	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

PAGE 3 of 3 33788

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, PO BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # D.O. #0199
Report Sent to: (Client Contact): JIM CUBBAGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number: –

For Laboratory Use Only

Custody Seal: (Y) N
Page 3 OF 3
QC Level: N 1 (2) 3 4
Init/Temp: 2 °C
Sample Condition: GOOD
AAL Lab ~~Project~~ # ~~N~~ 2503

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260								Remarks	Accura Sample ID ~~No. AB~~ 08302 BCB
TRIP BLANK	12AUG02			W		–	2	2									2503-021

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	12AUG02 1800	SHIPPING	12AUG02 1800	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
OPE/NDA	081302/09:29	[illegible]	081302/09:29	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

31623

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USACE Savannah District
Billing address: Same
Address: 100 West Oglethorpe Ave Savannah GA 31401
Client P.O. # DO# 0198
Report Sent to: (Client Contact): Jim Cabbage
Contact Phone # (912) 652-5660 Fax # (912) 652-6012
Project Name: DAACG-HAAF Savannah, GA
Project Number:

For Laboratory Use Only
Custody Seal: (Y) N Page 1 OF 2
QC Level: N 1 (2) 3 4 Init/Temp: BB/2°C
Sample Condition: (Good) AAL Lab Project # 2497

Samplers: (signature): Michael Dardis
Samplers: (printed): Michael Dardis

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. AB
DVP9-10-08-02	8-9-02 0827		X	W		DAACG-HAAF	3	3										2497-001
DVP9-15-08-02	8-9-02 0835		X	W		" "	3	3										2
DVP9-20-08-02	8-9-02 0845		X	W		" "	3	3										3
DVP9-25-08-02	8-9-02 0853		X	W		" "	3	3										4
DVP9-30-08-02	8-9-02 0910		X	W		" "	3	3										5
DVP9-35-08-02	8-9-02 1005		X	W		" "	3	3										6
DVP9-BLK5-08-02	8-9-02 1000		X	W		" "	3	3										7
DVP9-Dup6-08-02	8-9-02 1010		X	W		" "	3	3										8
DVP9-40-08-02	8-9-02 1020		X	W		" "	3	3										9
Trip Blank	—			W		—	2	2										2497-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Dardis	8-9-02 1630	Shipped	8-9-02 1630	
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS	081002 0930	[signature]	081002 0930	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

2 of 2

31624

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: USACE Savannah District
Billing address: Same
Address: 100 West Oglethorpe Ave Savannah, GA 31401
Client P.O. # DO# 0198
Report Sent to: (Client Contact): Jim Cubbage
Contact Phone # (912) 652-5660 Fax # (912) 652-6012
Project Name: DAACG-HAAF Savannah, GA
Project Number:

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: BGB/2°
Sample Condition: GOOD
AAL Lab Project # 2497

Samplers: (signature): Michael Dardis
Samplers: (printed): Michael Dardis

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. ~~AB~~ order BGB
DVP9-45-08-02	8-9-02 1040		X	W		DAACG-HAAF	3	3									2497-01	1
DVP8-10-08-02	8-9-02 1225		X	W		" "	3	3										2
DVP8-15-08-02	8-9-02 1235		X	W		" "	3	3									Sample Time 1235	3
DVP8-20-08-02	8-9-02 1250		X	W		" "	3	3										4
DVP8-25-08-02	8-9-02 1300		X	W		" "	3	3										5
DVP8-30-08-02	8-9-02 1310		X	W		" "	3	3										6
DVP8-35-08-02	8-9-02 1335		X	W		" "	3	3										7
DVP8-40-08-02	8-9-02 1347		X	W		" "	3	3										8
DVP8-45-08-02	8-9-02 1400		X	W		" "												9

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Dardis	8-9-02 1630	Shipped	8-9-02 1630	
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS	081002 0930	[signature]	081002 0930	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

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Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE, P.O. BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # DO #0198
Report Sent to: (Client Contact): JIM CUBBEDGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number: —

For Laboratory Use Only
Custody Seal: (Y) N
Page 1 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: (GOOD)
AAL Lab ~~Receipt~~ W-04-2515

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. ~~AB~~ 08142
DVP 11-10-08-02	13 AUG 02 0845		X	W		DVP 11	3	3										2515-001
DVP 11-15-08-02	13 AUG 02 0857		X	W		"	3	3										2
DVP 11-20-08-02	13 AUG 02 0910		X	W		"	3	3										3
DVP 11-25-08-02	13 AUG 02 0918		X	W		"	3	3										4
DVP 11-30-08-02	13 AUG 02 0935		X	W		DVP 11	3	3										5
DVP 12-10-08-02	13 AUG 02 1025		X	W		DVP 12	3	3										6
DVP 12-15-08-02	13 AUG 02 1035		X	W		DVP 12	3	3										7
DVP 12-20-08-02	13 AUG 02 1045		X	W		"	3	3										8
DVP 12-25-08-02	13 AUG 02 1055		X	W		DVP 12	3	3										9
DVP 11-BLK7-08-02	13 AUG 02 1245		X	W		DVP 11	3	3										2515-010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	13 aug 02 1630	SHIPPING	13 aug 02 16.30	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
VPS	08/14/02 09:22	[illegible]	08/14/02 09:22	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

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Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: USARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, PO BOX 889, SAVANNAH, GA 31402-0889
Report Sent to: (Client Contact): JIM CUBBEDGE
Contact Phone # 912-652-5660 Fax # 912-652-5012
Project Name: DAACG-HAAF
Project Number: 7

Billing address: AS LEFT
Client P.O. # J.O. # 0178

For Laboratory Use Only
Custody Seal: (Y) N
Page 2 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: MSR / 9°C
Sample Condition: GOOD
AAL Lab Project # 2575

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID ~~No. AB~~
DVP12-BLKS-08-02	13AUG02 1315		X	W		DVP12	3	3										2575-011
DVP11-35-08-02	13AUG02 1325		X	W		DVP11	3	3										2
DVP11-DUP9-08-02	13AUG02 1325		X	W		DVP11	3	3										3
DVP11-40-08-02	13AUG02 1400		X	W		"	3	3										4
DVP11-45-08-02	13AUG02 1410		X	W		DVP11	3	3										5
TRIP BLANK	—		X	W		—	2	2										6

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	13Aug02 1630	SHIPPING	13Aug02 1630	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS ~~N/A~~ N/D/A	08/14/02 09:22		08/14/02 09:22	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

PAGE 1 of 2 33785

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, POBOX 889, SAVANNAH, GA 31402-0889
Report Sent to: (Client Contact): JIM CUBBEDGE
Contact Phone # 912-652-5660 Fax # 912-652-6012
Project Name: DAACG-HAAF
Project Number: —

Billing address: AS 2 EET
Client P.O. # DO #0198

For Laboratory Use Only
Custody Seal: (Y) N Page 1 OF 2
QC Level: N 1 (2) 3 4 Init/Temp: 2°C
Sample Condition: GOOD AAL Lab ~~Project#~~ WO# 2516

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS 8260									Remarks	Accura Sample ID No. AB
DVP12-30-08-02	14AUG02 0855		X	W		DVP 12	3	3										2516-001
DVP12-Dup10-08-02	14AUG02 0900		X	W		"	3	3										002
DVP12-35-08-02	14AUG02 0910		X	W		"	3	3										003
DVP12-40-08-02	14AUG02 0920		X	W		"	3	3										004
DVP12-45-08-02	14AUG02 0935		X	W		DVP 12	3	3										005
TRIP BLANK	—			W		—	2	2										006
DRUM9AUG02 ~~DVP 1025~~	14AUG02 1025		X	W		DRUM 9 AUG	3	3										007
DRUM 14AUG02	14AUG02 1045		X	W		DRUM 14 AUG	3	3										008
DRUM 6AUG02	14AUG02 1050		X	W		DRUM 6 AUG	3	3										009
DRUM 8AUG02	14AUG02 1100		X	W		DRUM 8 AUG	3	3										010

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	14AUG02 1300	SHIPPING	14AUG02 1300	UNPRESERVED
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
UPS N/D/A	08 15 02 / 07:40	[illegible]	08 15 02 / 07:40	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.

PAGE 2 of 2

33784

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: US ARMY CORPS OF ENGINEERS
Billing address: AS LEFT
Address: 100 W. OGLETHORPE AVE, P O BOX 889, SAVANNAH, GA 31402-0889
Client P.O. # 20. 0198
Report Sent to: (Client Contact): JIM ~~H~~ CUBBEDGE
Contact Phone # 912-652-5660 Fax # 912-652-6912
Project Name: DAACG-HAAF
Project Number: –

For Laboratory Use Only

Custody Seal: (Y) N
Page 2 OF 2
QC Level: N 1 (2) 3 4
Init/Temp: 2°C
Sample Condition: GOOD
AAL Lab Project # W 07-2516

Samplers: (signature): Dana Polacsek
Samplers: (printed): D. POLACSEK

ANALYSIS: 8260

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	8260									Remarks	Accura Sample ID No. AB
DRUM TAUG-02	14 AUG 02 1055		X	W		DRUM TAUG	3	3										2516-011
DVP12-BK9-08-02	14 AUG 02 10:00		X	W			3	3									→ ADDED TO COC	012
DVP12-BLK10-08-02	14 AUG 02 10:15		X	W			3	3									→ " " "	013

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Dana Polacsek	14 AUG 02 1300	SHIPPING	14 AUG 02 1300	UNPRESERVED
Relinquished By:	Date / Time	Received By:	Date / Time	Turnaround Time Requested:
UPS NIDIA	08/15/02 07:40	[illegible]	08/15/02 07:40	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

21782

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, PO BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF - MCA BARRACKS
Project Number:
Purchase Order Number: D04 0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1697

Method # ---> 8260

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1697-01	HAAF-DVP-16-40	12Dec02	0915	W	3					3						3									
1697-01	HAAF-DVP-16-MS	"	0920	W	3					3						3									
1697-01	HAAF-DVP-16-MSD	"	0925	W	3					3						3									
1697-02	HAAF-DVP-16-45	"	0940	W	3					3						3									
1697-03	HAAF-DVP-16-BLK11	"	0950	W	3					3						3									
1697-04	HAAF-DVP-15-10	"	1015	W	3					3						3									
1697-05	HAAF-DVP-15-15	"	1025	W	3					3						3									
1697-06	HAAF-DVP-15-20	"	1035	W	3					3						3									
1697-07	HAAF-DVP-15-25	"	1045	W	3					3						3									
1697-08	HAAF-DVP-15-30	12Dec02	1055	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

CUSTODY					
Relinquished By: [signature]	Date/Time: 12Dec02 1815	Received By: Fed Ex	Date/Time: 12Dec02 1815
Relinquished By:	Date/Time:	Received By: [signature]	Date/Time: 12/13/02 10:30am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 8263R5631900	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	___ °C ☑ Temp. Blank ☐ Cooler	cooler #1: 1.9°C cooler #2: 2.4°C

0010

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W OGLETHORPE, PO BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF NCA BARRACKS
Project Number:
Purchase Order Number: DO#0006
Project Due Date:
Project Comments:
Sampler's Signature:

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1697

Method # ---> 8260B

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1697-09	HAAF-DVP-15-35	12DEC02	1210	W	3					3						3									
1697-10	HAAF-DUP12	"	0800	W	3					3						3									
1697-11	HAAF-DVP-15-40	"	1230	W	3					3						3									
1697-11	HAAF-DVP-15-MS	"	1235	W	3					3						3									
1697-11	HAAF-DVP-15-MSD	"	1240	W	3					3						3									
1697-12	HAAF-DVP-15-BLK2	"	1250	W	3					3						3									
1697-13	TRIP BLANK	—	—	W	2	2										2									
1697-14	TRIP BLANK	—	—	W	2	2										2									
1697-15	HAAF-DVP-15-45	12DEC02	1300	W	3					3						3									
1697-16	HAAF-DVP-14-10	12DEC02	1340	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

CUSTODY		Date/Time:		Received By:		Date/Time:
Relinquished By:		12 Dec 02 1815		Fed Ex		12 Dec 02 1815
Relinquished By:		Date/Time:		Received By:		12/13/02 10:30am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 836385631900	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	___°C ☑ Temp. Blank ☐ Cooler	Cooler #1: 1.9°C Cooler #2: 2.4°C

21784

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, PO BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-MCA BARRACKS
Project Number:
Purchase Order Number: DO #0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1697

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1697-17	HAAF-DVP-14-15	12Dec02	1350	W	3					3						3									
1697-18	HAAF-DVP-14-20	"	1400	W	3					3						3									
1697-19	HAAF-DVP-14-25	"	1410	W	3					3						3									
1697-20	HAAF-DVP-14-30	"	1420	W	3					3						3									
1697-21	HAAF-DVP-14-35	"	1430	W	3					3						3									
1697-22	HAAF-DVP-14-40	"	1450	W	3					3						3									
1697-23	HAAF-DVP-14-45	12Dec02	1520	W	3					3						3									
8																									
9																									
10																									

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample. Example: high concentration

CUSTODY					
Relinquished By: [signature]	Date/Time: 12Dec02 1815	Received By: Fed Ex	Date/Time: 12Dec02 1815
Relinquished By:	Date/Time:	Received By: [signature]	Date/Time: 12/13/02 10:30am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEX ☐ Airbill #: 836385631900	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	°C ☑ Temp. Blank ☐ Cooler	cooler #1 : 1.9°C cooler #2 : 2.4°C

0012

21799

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, PO BOX 889
City, State, Zip: SAVANNAH, GA ~~31406~~ 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-MCA BARRACKS
Project Number:
Purchase Order Number: DO #0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1690

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C		TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1690-01	HAAF-DVP-17-10	11Dec02	0905	W	3					3							3									
1690-02	HAAF-DVP-17-15	"	0915	W	3					3							3									
1690-03	HAAF-DVP-17-20	"	0925	W	3					3							3									
1690-04	HAAF-DVP-17-25	"	0935	W	3					3							3									
1690-05	HAAF-DVP-17-30	"	0950	W	3					3							3									
1690-06	HAAF-DVP-17-35	"	1005	W	3					3							3									
1690-07	HAAF-DVP-19	"	0800	W	3					3							3									
1690-08	HAAF-DVP-17-40	"	1020	W	3					3							3									
1690-08	HAAF-DVP-17-MS	"	1025	W	3					3							3									
1690-08	HAAF-DVP-17-MSD	11Dec02	1030	W	2					2							2									

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

CUSTODY		Date/Time:		Received By:		Date/Time:
Relinquished By:	[signature]	11Dec02 1830		Received By:	Fed Ex	11Dec02 1830
Relinquished By:		Date/Time:		Received By:	[signature]	12/12/02 10:45am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill # 826 2 8 5 6 3 1911	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	___ °C ☑ Temp. Blank ☐ Cooler	Cooler #1 & 2: 1.9°C

0010

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

21779

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, P.O. BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-NCA BARRACKS
Project Number:
Purchase Order Number: DO # 0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1690

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1690-09	TRIP BLANK	—	—	W	2	2										2									
1690-10	HAAF-DVP-17-45	11Dec02	1045	W	3					3						3									
1690-11	HAAF-DVP-17-BLK9	"	1103	W	3					3						3									
1690-12	HAAF-DVP-13-10	"	1245	W	3					3						3									
1690-13	HAAF-DVP-13-15 *	"	1255	W	3					3						3									* Vial 1 of 3 was received broken (MS)
1690-14	HAAF-DVP-13-20	"	1305	W	3					3						3									
1690-15	HAAF-DVP-13-25	"	1315	W	3					3						3									
1690-16	TRIP BLANK	—	—	W	2	2										2									
1690-17	HAAF-DVP-13-30	"	1330	W	3					3						3									
1690-18	HAAF-DVP-13-35	11Dec02	1345	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

CUSTODY		Date/Time:		Received By:		Date/Time:
Relinquished By:	[signature]	11Dec02 1830		Fed Ex		11Dec02 1830
Relinquished By:				Received By:	[signature]	12/12/02 10:45am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☒ Courier Fed EX ☐ Airbill # 836385631911	☒ Yes ☐ No ☒ Intact ☐ Broken	☒ Ice ☐ Blue Ice ☐ None	☒ Temp. Blank ☐ Cooler	cooler #1 & 2: 1.9°C

0011

AML
Analytical Management Laboratories, Inc.

15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS of ENGINEERS
Address: 100 W. OGLETHORPE AVE, P.O. BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-MCA BARRACKS
Project Number:
Purchase Order Number: DO #0006
Project Due Date:
Project Comments:
Sampler's Signature: Donald Slaunek

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1690

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1690-19	HAAF-DVP10	11Dec02	0830	W	3					3						3									
1690-20	HAAF-DVP-13-40	"	1410	W	3					3						3									
1690-20	HAAF-DVP-13-MS	"	1415	W	3					3						3									
1690-20	HAAF-DVP-13-MSD	"	1420	W	3					3						3									
1690-21	HAAF-DVP-13-45	"	1440	W	3					3						3									
1690-22	HAAF-DVP-13-BLK10	"	1500	W	3					3						3									
1690-23	HAAF-DVP-16-10	"	1525	W	3					3						3									
1690-24	HAAF-DVP-16-15	"	1535	W	3					3						3									
1690-25	HAAF-DVP-16-20	"	1545	W	3					3						3									
1690-26	HAAF-DVP-16-25	11Dec02	1555	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.

Example: high concentration

CUSTODY					
Relinquished By: Donald Slaunek	Date/Time: 11Dec02 1830	Received By: Fed Ex	Date/Time: 11 Dec 02 1830
Relinquished By:	Date/Time:	Received By: [signature]	Date/Time: 12/12/02 10:45am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier: FedEX ☐ Airbill #: 8263856319 11	☑ Yes ☐ No ☐ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	___ °C ☑ Temp. Blank ☐ Cooler	→ cooler # 1 & 2 : 1.9°C

21781

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE AVE, P.O. BOX 889
City, State, Zip: SAVANNAH, GA, 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6072

Project Name: HAAF MCA BARRACKS
Project Number:
Purchase Order Number: D O #0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1690

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C		TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH				Comments:
1690-27	HAAF-DVP-16-30	11Dec02	1610	W	3					3							3												
1690-28	HAAF-DVP 11	11Dec02	0845	W	3					3							3												
1690-29	HAAF-DVP-16-35	11Dec02	1640	W	3					3							3												
4																													
5																													
6																													
7																													
8																													
9																													
10																													

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample. Example: high concentration

CUSTODY					
Relinquished By: [signature]	Date/Time: 11Dec02 1830	Received By: Fed Ex	Date/Time: 11Dec02 1830
Relinquished By:	Date/Time:	Received By: [signature]	Date/Time: 12/12/02 10:45am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditiions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☐ Courier FedEx ☐ Airbill # 8263825621911	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	☑ Temp. Blank ☐ Cooler	→ cooler #1 @ 1.9°C

0013

Report of Analysis

ARCADIS U.S., Inc.
30 Patewood Drive
Suite 155
Greenville, SC 29615
Attention: Janet Christy

Project Name: Ft. Stewart (HAA01)

Project Number: GP08HAFS.H01B

Lot Number: KK07010

Date Completed: 11/30/2009

Date Revised: 12/22/2009

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* K K 0 7 0 1 0 *

Case Narrative
ARCADIS U.S., Inc.
Lot Number: KK07010

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

pH

As per method the holding time for pH analysis is 15 minutes from collection.

Volatile Organic Compounds

The LCS/LCSD recovery for Chloromethane (Methyl chloride), Dichlorodifluoromethane and Vinyl chloride were slightly above method control limits in batches 21537 and 21538. As per method, it is statistically likely that a few analytes will be outside control limits; up to five analytes may marginally exceed the control limits. Therefore the associated sample results were reported and no corrective action was required.

The LCS recovery for 1,2-Dibromoethane (EDB) and 1,1,2,2-Tetrachloroethane were outside method control limits in batch 22080. The LCSD results were within limits. The RPD for Acetone and Methyl acetate exceeded method control limits in batch 22080; Therefore the associated sample results were reported and no corrective action was required.

Pesticides

The RPD for Endrin aldehyde in the MS/MSD exceeded method control limits in batch 21759; however, all other QA/QC criteria for the LCS/LCSD were within acceptance criteria and method control limits. The associated sample results were reported and no corrective action was required.

Sample Summary

ARCADIS U.S., Inc.

Lot Number: KK07010

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	HA01SB001 (8-10)	Solid	11/03/2009 1530	11/07/2009
002	HA01SB002 (6-6.5)	Solid	11/03/2009 1508	11/07/2009
003	HA01SB003 (8-10)	Solid	11/03/2009 1440	11/07/2009
004	HA01SB004 (2-4)	Solid	11/03/2009 1417	11/07/2009
005	HA01SB005 (0-2)	Solid	11/03/2009 1337	11/07/2009
006	HA01MW9 (1-2)	Solid	11/04/2009 1505	11/07/2009
007	HA01MW9 (9-10)	Solid	11/04/2009 1640	11/07/2009
008	HA01MW15 (1-2)	Solid	11/05/2009 1055	11/07/2009
009	HA01MW15 (5-6)	Solid	11/05/2009 1135	11/07/2009
010	HA01MW16 (1-2)	Solid	11/04/2009 1100	11/07/2009
011	HA01MW16 (10-11)	Solid	11/04/2009 1142	11/07/2009
012	HA01MW17 (1-2)	Solid	11/04/2009 0820	11/07/2009
013	HA01MW17 (6-7)	Solid	11/04/2009 0845	11/07/2009
014	H-10-HAA01	Solid	11/04/2009 1711	11/07/2009
015	H-11-HAA01	Solid	11/05/2009 0855	11/07/2009
016	TRIP BLANK	Aqueous	11/07/2009	11/07/2009

(16 samples)

Executive Summary
ARCADIS U.S., Inc.
Lot Number: KK07010

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
002	HA01SB002 (6-6.5)	Solid	bis(2-Ethylhexyl)phthalate	8270D	540		ug/kg	6
004	HA01SB004 (2-4)	Solid	Chromium	6010C	4.9		mg/kg	9
005	HA01SB005 (0-2)	Solid	Chromium	6010C	2.6		mg/kg	10
006	HA01MW9 (1-2)	Solid	Xylenes (total)	8260B	3.5	J	ug/kg	12
006	HA01MW9 (1-2)	Solid	Mercury	7471B	0.017	J	mg/kg	14
006	HA01MW9 (1-2)	Solid	Arsenic	6010C	0.67		mg/kg	15
006	HA01MW9 (1-2)	Solid	Barium	6010C	23		mg/kg	15
006	HA01MW9 (1-2)	Solid	Chromium	6010C	4.0		mg/kg	15
006	HA01MW9 (1-2)	Solid	Lead	6010C	3.8		mg/kg	15
007	HA01MW9 (9-10)	Solid	Methyl acetate	8260B	9.5		ug/kg	16
007	HA01MW9 (9-10)	Solid	Xylenes (total)	8260B	3.2	J	ug/kg	17
007	HA01MW9 (9-10)	Solid	Mercury	7471B	0.014	J	mg/kg	18
007	HA01MW9 (9-10)	Solid	Arsenic	6010C	0.92		mg/kg	19
007	HA01MW9 (9-10)	Solid	Barium	6010C	17		mg/kg	19
007	HA01MW9 (9-10)	Solid	Cadmium	6010C	0.016	J	mg/kg	19
007	HA01MW9 (9-10)	Solid	Chromium	6010C	4.0		mg/kg	19
007	HA01MW9 (9-10)	Solid	Lead	6010C	5.9		mg/kg	19
008	HA01MW15 (1-2)	Solid	Mercury	7471B	0.028	J	mg/kg	23
008	HA01MW15 (1-2)	Solid	Arsenic	6010C	1.4		mg/kg	24
008	HA01MW15 (1-2)	Solid	Barium	6010C	13		mg/kg	24
008	HA01MW15 (1-2)	Solid	Chromium	6010C	6.8		mg/kg	24
008	HA01MW15 (1-2)	Solid	Lead	6010C	3.6		mg/kg	24
009	HA01MW15 (5-6)	Solid	1,2-Dichlorobenzene	8260B	3.6	J	ug/kg	25
009	HA01MW15 (5-6)	Solid	Mercury	7471B	0.015	J	mg/kg	27
009	HA01MW15 (5-6)	Solid	Arsenic	6010C	0.72		mg/kg	28
009	HA01MW15 (5-6)	Solid	Barium	6010C	9.0		mg/kg	28
009	HA01MW15 (5-6)	Solid	Cadmium	6010C	0.012	J	mg/kg	28
009	HA01MW15 (5-6)	Solid	Chromium	6010C	1.0		mg/kg	28
009	HA01MW15 (5-6)	Solid	Lead	6010C	1.8		mg/kg	28
010	HA01MW16 (1-2)	Solid	Mercury	7471B	0.030	J	mg/kg	32
010	HA01MW16 (1-2)	Solid	Arsenic	6010C	0.57		mg/kg	33
010	HA01MW16 (1-2)	Solid	Barium	6010C	3.6		mg/kg	33
010	HA01MW16 (1-2)	Solid	Cadmium	6010C	0.017	J	mg/kg	33
010	HA01MW16 (1-2)	Solid	Chromium	6010C	3.0		mg/kg	33
010	HA01MW16 (1-2)	Solid	Lead	6010C	2.9		mg/kg	33
010	HA01MW16 (1-2)	Solid	Silver	6010C	0.20	J	mg/kg	33
011	HA01MW16 (10-11)	Solid	Carbon disulfide	8260B	8.0		ug/kg	34
011	HA01MW16 (10-11)	Solid	Mercury	7471B	0.028	J	mg/kg	36
011	HA01MW16 (10-11)	Solid	Arsenic	6010C	0.65		mg/kg	37
011	HA01MW16 (10-11)	Solid	Barium	6010C	25		mg/kg	37
011	HA01MW16 (10-11)	Solid	Chromium	6010C	6.3		mg/kg	37
011	HA01MW16 (10-11)	Solid	Lead	6010C	4.2		mg/kg	37
011	HA01MW16 (10-11)	Solid	Silver	6010C	0.42		mg/kg	37
012	HA01MW17 (1-2)	Solid	1,2-Dichlorobenzene	8260B	3.6	J	ug/kg	38
012	HA01MW17 (1-2)	Solid	Toluene	8260B	13		ug/kg	38

Executive Summary (Continued)

Lot Number: KK07010

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
012	HA01MW17 (1-2)	Solid	1,2,4-Trichlorobenzene	8260B	2.4	J	ug/kg	38
012	HA01MW17 (1-2)	Solid	Xylenes (total)	8260B	12		ug/kg	39
012	HA01MW17 (1-2)	Solid	Mercury	7471B	0.032	J	mg/kg	41
012	HA01MW17 (1-2)	Solid	Arsenic	6010C	0.73		mg/kg	42
012	HA01MW17 (1-2)	Solid	Barium	6010C	3.6		mg/kg	42
012	HA01MW17 (1-2)	Solid	Cadmium	6010C	0.017	J	mg/kg	42
012	HA01MW17 (1-2)	Solid	Chromium	6010C	1.8		mg/kg	42
012	HA01MW17 (1-2)	Solid	Lead	6010C	2.3		mg/kg	42
012	HA01MW17 (1-2)	Solid	Silver	6010C	0.054	J	mg/kg	42
013	HA01MW17 (6-7)	Solid	Acetone	8260B	36		ug/kg	43
013	HA01MW17 (6-7)	Solid	Carbon tetrachloride	8260B	4.7	J	ug/kg	43
013	HA01MW17 (6-7)	Solid	Chloromethane (Methyl chloride)	8260B	4.1	J	ug/kg	43
013	HA01MW17 (6-7)	Solid	Isopropylbenzene	8260B	3.9	J	ug/kg	43
013	HA01MW17 (6-7)	Solid	Toluene	8260B	2.2	J	ug/kg	43
013	HA01MW17 (6-7)	Solid	Mercury	7471B	0.023	J	mg/kg	45
013	HA01MW17 (6-7)	Solid	Barium	6010C	17		mg/kg	46
013	HA01MW17 (6-7)	Solid	Cadmium	6010C	0.083	J	mg/kg	46
013	HA01MW17 (6-7)	Solid	Chromium	6010C	9.3		mg/kg	46
013	HA01MW17 (6-7)	Solid	Lead	6010C	5.2		mg/kg	46
014	H-10-HAA01	Solid	Ignitability (Pensky-Martens Closed-	1010A	>140		° F	47
014	H-10-HAA01	Solid	Barium	6010C	0.15	J	mg/L	50
015	H-11-HAA01	Solid	Ignitability (Pensky-Martens Closed-	1010A	>140		° F	51
015	H-11-HAA01	Solid	Barium	6010C	0.12	J	mg/L	54
015	H-11-HAA01	Solid	Lead	6010C	0.018	J	mg/L	54
016	TRIP BLANK	Aqueous	Acetone	8260B	3.0	BJ	ug/L	55
016	TRIP BLANK	Aqueous	Carbon disulfide	8260B	0.50	B	ug/L	55

(71 detections)

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-002
Description: HA01SB002 (6-6.5)	Matrix: Solid
Date Sampled: 11/03/2009 1508	% Solids: 91.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	11/24/2009 1337	GLR	11/11/2009 1404	21368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	540		71	23	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		72	33-102
2-Fluorophenol		48	28-104
Nitrobenzene-d5		96	22-109
Phenol-d5		56	27-103
Terphenyl-d14		62	41-120
2,4,6-Tribromophenol		87	30-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-003
Description: HA01SB003 (8-10)
Matrix: Solid
Date Sampled: 11/03/2009 1440
% Solids: 79.9 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	11/25/2009 1452	GLR	11/11/2009 1404	21368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		83	13	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		83	13	ug/kg	1
Acetophenone	98-86-2	8270D	ND		83	22	ug/kg	1
Anthracene	120-12-7	8270D	ND		83	9.1	ug/kg	1
Atrazine	1912-24-9	8270D	ND		83	21	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		83	21	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		83	11	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		83	12	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		83	12	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		83	14	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		83	12	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		83	12	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		83	12	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		160	55	ug/kg	1
Caprolactam	105-60-2	8270D	ND		83	21	ug/kg	1
Carbazole	86-74-8	8270D	ND		83	18	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		83	10	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		83	8.4	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		83	13	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		83	11	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		83	14	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		83	14	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		83	11	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		83	14	ug/kg	1
Chrysene	218-01-9	8270D	ND		83	14	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		83	11	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		83	13	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		410	45	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		83	13	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		83	27	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		83	27	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		83	15	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		83	27	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		410	160	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		410	140	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		160	23	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		160	21	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		83	40	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		83	27	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		83	13	ug/kg	1
Fluorene	86-73-7	8270D	ND		83	11	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		83	18	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		83	14	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		410	30	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-003
Description: HA01SB003 (8-10)
Matrix: Solid
Date Sampled: 11/03/2009 1440
% Solids: 79.9 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	11/25/2009 1452	GLR	11/11/2009 1404	21368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		83	11	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		83	12	ug/kg	1
Isophorone	78-59-1	8270D	ND		83	9.1	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		83	12	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		83	7.5	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		160	15	ug/kg	1
Naphthalene	91-20-3	8270D	ND		83	13	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		160	28	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		160	48	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		160	24	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		83	6.7	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		160	23	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		410	120	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		83	16	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		83	10	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		410	170	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		83	11	ug/kg	1
Phenol	108-95-2	8270D	ND		83	11	ug/kg	1
Pyrene	129-00-0	8270D	ND		83	16	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		83	12	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		83	12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		48	33-102
2-Fluorophenol		52	28-104
Nitrobenzene-d5		45	22-109
Phenol-d5		54	27-103
Terphenyl-d14		62	41-120
2,4,6-Tribromophenol		54	30-117

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-AES

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-004
Description: HA01SB004 (2-4)	Matrix: Solid
Date Sampled: 11/03/2009 1417	% Solids: 81.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1934	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Chromium	7440-47-3	6010C	4.9		0.30	0.062	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

ICP-AES

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-005
Description: HA01SB005 (0-2)	Matrix: Solid
Date Sampled: 11/03/2009 1337	% Solids: 88.4 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1940	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Chromium	7440-47-3	6010C	2.6		0.28	0.057	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-006
Description: HA01MW9 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 1505	% Solids: 93.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/12/2009 0454	DLB		21537	4.81

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.4	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.78	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.92	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.75	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.94	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.81	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.84	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.91	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.89	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	0.74	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.68	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	2.6	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	2.3	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.94	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.88	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-006
Description: HA01MW9 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 1505	% Solids: 93.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/12/2009 0454	DLB		21537	4.81

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.95	ug/kg	1
Xylenes (total)	1330-20-7	8260B	3.5	J	5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		98	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-006
Description: HA01MW9 (1-2)
Matrix: Solid
Date Sampled: 11/04/2009 1505
% Solids: 93.7 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8081B	1	11/18/2009 1746	ASB	11/16/2009 1109	21759

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		1.8	0.35	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.8	0.41	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.8	0.31	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.8	0.33	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.8	0.37	ug/kg	1
alpha-Chlordane	5103-71-9	8081B	ND		1.8	0.30	ug/kg	1
gamma-Chlordane	5103-74-2	8081B	ND		1.8	0.25	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.8	0.26	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.8	0.33	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		1.8	0.29	ug/kg	1
Dieldrin	60-57-1	8081B	ND		1.8	0.34	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.8	0.35	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.8	0.26	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.8	0.24	ug/kg	1
Endrin	72-20-8	8081B	ND		1.8	0.34	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.8	0.31	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.8	0.23	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.8	0.41	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.8	0.32	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		7.0	1.4	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		86	9.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	58-123
Tetrachloro-m-xylene		75	51-103

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-006
Description: HA01MW9 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 1505	% Solids: 93.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2157	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.017	J	0.085	0.0060	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-006
Description: HA01MW9 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 1505	% Solids: 93.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1735	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.67		0.53	0.20	mg/kg	1
Barium	7440-39-3	6010C	23		1.4	0.097	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.11	0.011	mg/kg	1
Chromium	7440-47-3	6010C	4.0		0.27	0.054	mg/kg	1
Lead	7439-92-1	6010C	3.8		0.53	0.099	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.53	0.19	mg/kg	1
Silver	7440-22-4	6010C	ND		0.27	0.045	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-007
Description: HA01MW9 (9-10)	Matrix: Solid
Date Sampled: 11/04/2009 1640	% Solids: 83.1 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/12/2009 0517	DLB		21537	5.91

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.71	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.1	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.84	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.1	0.69	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.87	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.74	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.77	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.93	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.69	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.83	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.81	ug/kg	1
Methyl acetate	79-20-9	8260B	9.5		5.1	0.68	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.62	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.1	2.3	ug/kg	1
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	2.1	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.87	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.80	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-007
Description: HA01MW9 (9-10)	Matrix: Solid
Date Sampled: 11/04/2009 1640	% Solids: 83.1 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/12/2009 0517	DLB		21537	5.91

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.88	ug/kg	1
Xylenes (total)	1330-20-7	8260B	3.2	J	5.1	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		83	47-138
Toluene-d8		97	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-007
Description: HA01MW9 (9-10)	Matrix: Solid
Date Sampled: 11/04/2009 1640	% Solids: 83.1 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2200	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.014	J	0.098	0.0070	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-007
Description: HA01MW9 (9-10)	Matrix: Solid
Date Sampled: 11/04/2009 1640	% Solids: 83.1 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1741	KJC	11/11/2009 2021	21329
2	3050B	6010C	1	11/12/2009 2140	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.92		0.59	0.22	mg/kg	2
Barium	7440-39-3	6010C	17		1.5	0.11	mg/kg	1
Cadmium	7440-43-9	6010C	0.016	J	0.12	0.012	mg/kg	1
Chromium	7440-47-3	6010C	4.0		0.29	0.059	mg/kg	1
Lead	7439-92-1	6010C	5.9		0.59	0.11	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.59	0.20	mg/kg	1
Silver	7440-22-4	6010C	ND		0.29	0.049	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-008
Description: HA01MW15 (1-2)
Matrix: Solid
Date Sampled: 11/05/2009 1055
% Solids: 86.8 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/12/2009 0849	DLB		21538	4.59

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.4	ug/kg	2
Benzene	71-43-2	8260B	ND		6.3	1.4	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		6.3	2.1	ug/kg	2
Bromoform	75-25-2	8260B	ND		6.3	0.88	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.3	2.3	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.0	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		6.3	1.6	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		6.3	2.3	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		6.3	2.1	ug/kg	2
Chloroethane	75-00-3	8260B	ND		6.3	1.6	ug/kg	2
Chloroform	67-66-3	8260B	ND		6.3	1.0	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.3	1.3	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		6.3	0.85	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.3	1.9	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		6.3	2.1	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.3	1.1	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.3	2.1	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.3	2.1	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.3	2.1	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		6.3	2.0	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		6.3	0.92	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		6.3	1.3	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		6.3	2.1	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.3	0.95	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.3	1.9	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		6.3	1.1	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.3	0.85	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.3	1.0	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		6.3	2.1	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		13	1.6	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		6.3	1.0	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		6.3	0.84	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.3	0.50	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	1.9	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		6.3	0.77	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		6.3	3.3	ug/kg	2
Styrene	100-42-5	8260B	ND		6.3	1.4	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.3	0.59	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		6.3	2.9	ug/kg	2
Toluene	108-88-3	8260B	ND		6.3	2.1	ug/kg	2
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.3	2.6	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.3	2.1	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.3	1.1	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.3	0.99	ug/kg	2

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-008
Description: HA01MW15 (1-2)	Matrix: Solid
Date Sampled: 11/05/2009 1055	% Solids: 86.8 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/12/2009 0849	DLB		21538	4.59

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.3	2.4	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		6.3	1.9	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		6.3	1.1	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		6.3	3.6	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	53-142
Bromofluorobenzene		77	47-138
Toluene-d8		100	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-008
Description: HA01MW15 (1-2)
Matrix: Solid
Date Sampled: 11/05/2009 1055
% Solids: 86.8 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8081B	1	11/18/2009 1833	ASB	11/16/2009 1109	21759

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		1.9	0.38	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.9	0.43	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.9	0.33	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.9	0.35	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.9	0.40	ug/kg	1
alpha-Chlordane	5103-71-9	8081B	ND		1.9	0.32	ug/kg	1
gamma-Chlordane	5103-74-2	8081B	ND		1.9	0.27	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.9	0.28	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.9	0.35	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		1.9	0.31	ug/kg	1
Dieldrin	60-57-1	8081B	ND		1.9	0.37	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.9	0.38	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.9	0.28	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.9	0.25	ug/kg	1
Endrin	72-20-8	8081B	ND		1.9	0.37	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.9	0.33	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.9	0.24	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.9	0.43	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.9	0.34	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		7.4	1.5	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		92	10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		94	58-123
Tetrachloro-m-xylene		71	51-103

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-008
Description: HA01MW15 (1-2)	Matrix: Solid
Date Sampled: 11/05/2009 1055	% Solids: 86.8 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2202	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.028	J	0.096	0.0068	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-008
Description: HA01MW15 (1-2)	Matrix: Solid
Date Sampled: 11/05/2009 1055	% Solids: 86.8 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1747	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	1.4		0.57	0.21	mg/kg	1
Barium	7440-39-3	6010C	13		1.5	0.10	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.11	0.012	mg/kg	1
Chromium	7440-47-3	6010C	6.8		0.29	0.058	mg/kg	1
Lead	7439-92-1	6010C	3.6		0.57	0.11	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.57	0.20	mg/kg	1
Silver	7440-22-4	6010C	ND		0.29	0.048	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-009
Description: HA01MW15 (5-6)	Matrix: Solid
Date Sampled: 11/05/2009 1135	% Solids: 86.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/17/2009 0542	RRH		21886	4.18

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		28	9.2	ug/kg	2
Benzene	71-43-2	8260B	ND		6.9	1.5	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		6.9	2.3	ug/kg	2
Bromoform	75-25-2	8260B	ND		6.9	0.97	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.9	2.5	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.3	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		6.9	1.8	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		6.9	2.5	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		6.9	2.3	ug/kg	2
Chloroethane	75-00-3	8260B	ND		6.9	1.8	ug/kg	2
Chloroform	67-66-3	8260B	ND		6.9	1.1	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.9	1.4	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		6.9	0.93	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.9	2.1	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		6.9	2.3	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.9	1.2	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	3.6	J	6.9	2.3	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.9	2.3	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.9	2.3	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		6.9	2.2	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		6.9	1.0	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		6.9	1.4	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		6.9	2.3	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.9	1.0	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.9	2.1	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		6.9	1.3	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.9	0.94	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.9	1.1	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		6.9	2.3	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		14	1.8	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		6.9	1.1	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		6.9	0.92	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.9	0.55	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.1	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		6.9	0.84	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		6.9	3.6	ug/kg	2
Styrene	100-42-5	8260B	ND		6.9	1.5	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.9	0.65	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		6.9	3.2	ug/kg	2
Toluene	108-88-3	8260B	ND		6.9	2.3	ug/kg	2
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.9	2.9	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.9	2.3	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.9	1.2	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.9	1.1	ug/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-009
Description: HA01MW15 (5-6)	Matrix: Solid
Date Sampled: 11/05/2009 1135	% Solids: 86.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/17/2009 0542	RRH		21886	4.18

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.9	2.6	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		6.9	2.1	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		6.9	1.2	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		6.9	4.0	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	53-142
Bromofluorobenzene		78	47-138
Toluene-d8		106	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-009
Description: HA01MW15 (5-6)	Matrix: Solid
Date Sampled: 11/05/2009 1135	% Solids: 86.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2204	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.015	J	0.094	0.0067	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-009
Description: HA01MW15 (5-6)	Matrix: Solid
Date Sampled: 11/05/2009 1135	% Solids: 86.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1805	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.72		0.56	0.21	mg/kg	1
Barium	7440-39-3	6010C	9.0		1.4	0.10	mg/kg	1
Cadmium	7440-43-9	6010C	0.012	J	0.11	0.012	mg/kg	1
Chromium	7440-47-3	6010C	1.0		0.28	0.056	mg/kg	1
Lead	7439-92-1	6010C	1.8		0.56	0.10	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.56	0.19	mg/kg	1
Silver	7440-22-4	6010C	ND		0.28	0.047	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-010
Description: HA01MW16 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 1100	% Solids: 90.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/12/2009 1047	DLB		21538	5.05

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.99	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.87	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	0.73	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.66	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	2.5	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.9	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	2.3	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.86	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-010
Description: HA01MW16 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 1100	% Solids: 90.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/12/2009 1047	DLB		21538	5.05

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		85	47-138
Toluene-d8		98	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-010
Description: HA01MW16 (1-2)
Matrix: Solid
Date Sampled: 11/04/2009 1100
% Solids: 90.9 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8081B	1	11/18/2009 1849	ASB	11/16/2009 1109	21759

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		1.8	0.37	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.8	0.42	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.8	0.33	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.8	0.35	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.8	0.39	ug/kg	1
alpha-Chlordane	5103-71-9	8081B	ND		1.8	0.31	ug/kg	1
gamma-Chlordane	5103-74-2	8081B	ND		1.8	0.26	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.8	0.27	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.8	0.35	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		1.8	0.30	ug/kg	1
Dieldrin	60-57-1	8081B	ND		1.8	0.36	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.8	0.37	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.8	0.27	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.8	0.25	ug/kg	1
Endrin	72-20-8	8081B	ND		1.8	0.36	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.8	0.33	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.8	0.24	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.8	0.42	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.8	0.34	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		7.3	1.5	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		90	9.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		103	58-123
Tetrachloro-m-xylene		76	51-103

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-010
Description: HA01MW16 (1-2)
Matrix: Solid
Date Sampled: 11/04/2009 1100
% Solids: 90.9 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2210	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.030	J	0.091	0.0065	mg/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-010
Description: HA01MW16 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 1100	% Solids: 90.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1811	KJC	11/11/2009 2021	21329
2	3050B	6010C	1	11/12/2009 2146	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.57		0.53	0.20	mg/kg	2
Barium	7440-39-3	6010C	3.6		1.4	0.095	mg/kg	1
Cadmium	7440-43-9	6010C	0.017	J	0.11	0.011	mg/kg	1
Chromium	7440-47-3	6010C	3.0		0.26	0.053	mg/kg	1
Lead	7439-92-1	6010C	2.9		0.53	0.098	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.53	0.18	mg/kg	1
Silver	7440-22-4	6010C	0.20	J	0.26	0.044	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-011
Description: HA01MW16 (10-11)	Matrix: Solid
Date Sampled: 11/04/2009 1142	% Solids: 86.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/12/2009 1110	DLB		21538	6.14

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.3	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.66	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.4	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	8.0		4.7	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.78	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.94	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	0.63	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.80	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.69	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.94	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.71	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.85	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.77	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.4	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.75	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	0.63	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.4	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	0.57	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.44	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.7	2.2	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	2.0	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.80	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.74	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-011
Description: HA01MW16 (10-11)	Matrix: Solid
Date Sampled: 11/04/2009 1142	% Solids: 86.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/12/2009 1110	DLB		21538	6.14

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.81	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.7	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		98	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-011
Description: HA01MW16 (10-11)	Matrix: Solid
Date Sampled: 11/04/2009 1142	% Solids: 86.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2213	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.028	J	0.091	0.0065	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-011
Description: HA01MW16 (10-11)	Matrix: Solid
Date Sampled: 11/04/2009 1142	% Solids: 86.7 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1817	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.65		0.56	0.21	mg/kg	1
Barium	7440-39-3	6010C	25		1.4	0.10	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.11	0.012	mg/kg	1
Chromium	7440-47-3	6010C	6.3		0.28	0.056	mg/kg	1
Lead	7439-92-1	6010C	4.2		0.56	0.10	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.56	0.19	mg/kg	1
Silver	7440-22-4	6010C	0.42		0.28	0.047	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-012
Description: HA01MW17 (1-2)
Matrix: Solid
Date Sampled: 11/04/2009 0820
% Solids: 86.6 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/18/2009 1521	DLB		22080	4.70

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.2	ug/kg	2
Benzene	71-43-2	8260B	ND		6.1	1.4	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		6.1	2.1	ug/kg	2
Bromoform	75-25-2	8260B	ND		6.1	0.86	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.1	2.2	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		6.1	1.6	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		6.1	2.2	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		6.1	2.1	ug/kg	2
Chloroethane	75-00-3	8260B	ND		6.1	1.6	ug/kg	2
Chloroform	67-66-3	8260B	ND		6.1	1.0	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.1	1.2	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		6.1	0.83	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.1	1.8	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		6.1	2.1	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.1	1.0	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	3.6	J	6.1	2.1	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.1	2.1	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.1	2.1	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		6.1	2.0	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		6.1	0.90	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		6.1	1.2	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		6.1	2.1	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.1	0.93	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.1	1.8	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		6.1	1.1	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.1	0.84	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.1	1.0	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		6.1	2.1	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		6.1	0.98	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		6.1	0.82	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.1	0.49	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		6.1	0.75	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		6.1	3.2	ug/kg	2
Styrene	100-42-5	8260B	ND		6.1	1.4	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.1	0.58	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		6.1	2.8	ug/kg	2
Toluene	108-88-3	8260B	13		6.1	2.1	ug/kg	2
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.1	2.6	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	2.4	J	6.1	2.1	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.1	1.0	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.1	0.97	ug/kg	2

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-012
Description: HA01MW17 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 0820	% Solids: 86.6 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/18/2009 1521	DLB		22080	4.70

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.1	2.3	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		6.1	1.8	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		6.1	1.1	ug/kg	2
Xylenes (total)	1330-20-7	8260B	12		6.1	3.6	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		79	53-142
Bromofluorobenzene		59	47-138
Toluene-d8		70	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-012
Description: HA01MW17 (1-2)
Matrix: Solid
Date Sampled: 11/04/2009 0820
% Solids: 86.6 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8081B	1	11/18/2009 1904	ASB	11/16/2009 1109	21759

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		1.9	0.38	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.9	0.43	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.9	0.33	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.9	0.35	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.9	0.40	ug/kg	1
alpha-Chlordane	5103-71-9	8081B	ND		1.9	0.32	ug/kg	1
gamma-Chlordane	5103-74-2	8081B	ND		1.9	0.26	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.9	0.28	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.9	0.35	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		1.9	0.31	ug/kg	1
Dieldrin	60-57-1	8081B	ND		1.9	0.36	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.9	0.38	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.9	0.28	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.9	0.25	ug/kg	1
Endrin	72-20-8	8081B	ND		1.9	0.36	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.9	0.33	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.9	0.24	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.9	0.43	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.9	0.34	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		7.4	1.5	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		92	10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		92	58-123
Tetrachloro-m-xylene		62	51-103

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-012
Description: HA01MW17 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 0820	% Solids: 86.6 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2217	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.032	J	0.095	0.0068	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-012
Description: HA01MW17 (1-2)	Matrix: Solid
Date Sampled: 11/04/2009 0820	% Solids: 86.6 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1823	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.73		0.57	0.21	mg/kg	1
Barium	7440-39-3	6010C	3.6		1.5	0.10	mg/kg	1
Cadmium	7440-43-9	6010C	0.017	J	0.11	0.012	mg/kg	1
Chromium	7440-47-3	6010C	1.8		0.29	0.058	mg/kg	1
Lead	7439-92-1	6010C	2.3		0.57	0.11	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.57	0.20	mg/kg	1
Silver	7440-22-4	6010C	0.054	J	0.29	0.048	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-013
Description: HA01MW17 (6-7)	Matrix: Solid
Date Sampled: 11/04/2009 0845	% Solids: 85.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/18/2009 1458	DLB		22080	5.05

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	36		23	7.7	ug/kg	2
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	2
Bromoform	75-25-2	8260B	ND		5.8	0.81	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	4.7	J	5.8	2.1	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	2
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	2
Chloroform	67-66-3	8260B	ND		5.8	0.96	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	4.1	J	5.8	1.2	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		5.8	0.78	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.98	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.8	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.84	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.88	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.0	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.78	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.94	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	2
Isopropylbenzene	98-82-8	8260B	3.9	J	5.8	0.92	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		5.8	0.77	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.46	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.70	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	2
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.54	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		5.8	2.7	ug/kg	2
Toluene	108-88-3	8260B	2.2	J	5.8	2.0	ug/kg	2
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	2.4	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.98	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.91	ug/kg	2

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-013
Description: HA01MW17 (6-7)	Matrix: Solid
Date Sampled: 11/04/2009 0845	% Solids: 85.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/18/2009 1458	DLB		22080	5.05

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		5.8	0.99	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.3	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	53-142
Bromofluorobenzene		93	47-138
Toluene-d8		96	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-013
Description: HA01MW17 (6-7)	Matrix: Solid
Date Sampled: 11/04/2009 0845	% Solids: 85.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2219	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.023	J	0.094	0.0067	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-013
Description: HA01MW17 (6-7)	Matrix: Solid
Date Sampled: 11/04/2009 0845	% Solids: 85.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	5	11/12/2009 2152	KJC	11/11/2009 2021	21329
2	3050B	6010C	5	11/13/2009 1451	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		2.9	1.1	mg/kg	1
Barium	7440-39-3	6010C	17		7.5	0.52	mg/kg	1
Cadmium	7440-43-9	6010C	0.083	J	0.58	0.060	mg/kg	1
Chromium	7440-47-3	6010C	9.3		1.4	0.29	mg/kg	1
Lead	7439-92-1	6010C	5.2		2.9	0.53	mg/kg	2
Selenium	7782-49-2	6010C	ND		2.9	1.0	mg/kg	1
Silver	7440-22-4	6010C	ND		1.4	0.24	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Inorganic non-metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-014
Description: H-10-HAA01	Matrix: Solid
Date Sampled: 11/04/2009 1711	% Solids: 84.0 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Ignitability) 1010A	1	11/10/2009 1629	PMM		
1		(pH) 9045D	1	11/09/2009 1545	BAN		21335

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ignitability (Pensky-Martens Closed-Cup)		1010A	>140				° F	1
pH		9045D	5.03	H	0.000	0.000	su	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

TCLP Volatiles

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-014
Description: H-10-HAA01	Matrix: Solid
Date Sampled: 11/04/2009 1711	% Solids: 84.0 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/5030B	8260B	10	11/17/2009 1055	DLB		21922	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzene	71-43-2	8260B	ND		0.050	0.0020	mg/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		0.10	0.018	mg/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.050	0.0040	mg/L	1
Chlorobenzene	108-90-7	8260B	ND		0.050	0.0020	mg/L	1
Chloroform	67-66-3	8260B	ND		0.050	0.0030	mg/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.050	0.0030	mg/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.050	0.0050	mg/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.050	0.0040	mg/L	1
Trichloroethene	79-01-6	8260B	ND		0.050	0.0030	mg/L	1
Vinyl chloride	75-01-4	8260B	ND		0.010	0.0010	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

TCLP Pesticides

Client: ARCADIS U.S., Inc.
Description: H-10-HAA01
Date Sampled: 11/04/2009 1711
Date Received: 11/07/2009

Laboratory ID: KK07010-014
Matrix: Solid
% Solids: 84.0 11/07/2009 1710

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/3520C	8081B	1	11/17/2009 2300	ASB	11/13/2009 0006	21616	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.00050	0.00	mg/L	1
Chlordane	57-74-9	8081B	ND		0.0025	0.00	mg/L	1
Endrin	72-20-8	8081B	ND		0.00050	0.00	mg/L	1
Heptachlor	76-44-8	8081B	ND		0.00050	0.00	mg/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.00050	0.00	mg/L	1
Methoxychlor	72-43-5	8081B	ND		0.0020	0.00	mg/L	1
Toxaphene	8001-35-2	8081B	ND		0.0050	0.00	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		85	49-124
Tetrachloro-m-xylene		91	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

TCLP Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-014
Description: H-10-HAA01	Matrix: Solid
Date Sampled: 11/04/2009 1711	% Solids: 84.0 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/7470A	7470A	1	11/11/2009 2309	BNW	11/11/2009 1900	21483	11/10/2009 1555
1	1311/3010A	6010C	10	11/12/2009 1854	KJC	11/11/2009 1900	21486	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.10	0.023	mg/L	1
Barium	7440-39-3	6010C	0.15	J	0.25	0.023	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.020	0.0030	mg/L	1
Chromium	7440-47-3	6010C	ND		0.050	0.014	mg/L	1
Lead	7439-92-1	6010C	ND		0.10	0.017	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00020	0.000032	mg/L	1
Selenium	7782-49-2	6010C	ND		0.10	0.032	mg/L	1
Silver	7440-22-4	6010C	ND		0.050	0.0090	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Inorganic non-metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-015
Description: H-11-HAA01
Matrix: Solid
Date Sampled: 11/05/2009 0855
% Solids: 86.8 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Ignitability) 1010A	1	11/10/2009 1629	PMM		
1		(pH) 9045D	1	11/09/2009 1545	BAN		21335

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ignitability (Pensky-Martens Closed-Cup)		1010A	>140				° F	1
pH		9045D	5.47	H	0.000	0.000	su	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

TCLP Volatiles

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-015
Description: H-11-HAA01	Matrix: Solid
Date Sampled: 11/05/2009 0855	% Solids: 86.8 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/5030B	8260B	10	11/17/2009 1116	DLB		21922	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzene	71-43-2	8260B	ND		0.050	0.0020	mg/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		0.10	0.018	mg/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.050	0.0040	mg/L	1
Chlorobenzene	108-90-7	8260B	ND		0.050	0.0020	mg/L	1
Chloroform	67-66-3	8260B	ND		0.050	0.0030	mg/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.050	0.0030	mg/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.050	0.0050	mg/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.050	0.0040	mg/L	1
Trichloroethene	79-01-6	8260B	ND		0.050	0.0030	mg/L	1
Vinyl chloride	75-01-4	8260B	ND		0.010	0.0010	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	70-130
Bromofluorobenzene		88	70-130
Toluene-d8		93	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

TCLP Pesticides

Client: ARCADIS U.S., Inc.
Description: H-11-HAA01
Date Sampled: 11/05/2009 0855
Date Received: 11/07/2009

Laboratory ID: KK07010-015
Matrix: Solid
% Solids: 86.8 11/07/2009 1710

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/3520C	8081B	1	11/17/2009 2316	ASB	11/13/2009 0006	21616	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.00050	0.00	mg/L	1
Chlordane	57-74-9	8081B	ND		0.0025	0.00	mg/L	1
Endrin	72-20-8	8081B	ND		0.00050	0.00	mg/L	1
Heptachlor	76-44-8	8081B	ND		0.00050	0.00	mg/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.00050	0.00	mg/L	1
Methoxychlor	72-43-5	8081B	ND		0.0020	0.00	mg/L	1
Toxaphene	8001-35-2	8081B	ND		0.0050	0.00	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		96	49-124
Tetrachloro-m-xylene		86	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

TCLP Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07010-015
Description: H-11-HAA01	Matrix: Solid
Date Sampled: 11/05/2009 0855	% Solids: 86.8 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/7470A	7470A	1	11/11/2009 2311	BNW	11/11/2009 1900	21483	11/10/2009 1555
1	1311/3010A	6010C	10	11/12/2009 1904	KJC	11/11/2009 1900	21486	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.10	0.023	mg/L	1
Barium	7440-39-3	6010C	0.12	J	0.25	0.023	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.020	0.0030	mg/L	1
Chromium	7440-47-3	6010C	ND		0.050	0.014	mg/L	1
Lead	7439-92-1	6010C	0.018	J	0.10	0.017	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00020	0.000032	mg/L	1
Selenium	7782-49-2	6010C	ND		0.10	0.032	mg/L	1
Silver	7440-22-4	6010C	ND		0.050	0.0090	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-016
Description: TRIP BLANK
Matrix: Aqueous
Date Sampled: 11/07/2009
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/17/2009 1726	DLB		21834

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	3.0	BJ	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.50	B	0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07010-016
Description: TRIP BLANK
Matrix: Aqueous
Date Sampled: 11/07/2009
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/17/2009 1726	DLB		21834

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	70-130
Bromofluorobenzene		84	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21537-001
Batch: 21537
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	11/12/2009 0146
Benzene	ND		1	5.0	1.1	ug/kg	11/12/2009 0146
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
Bromoform	ND		1	5.0	0.70	ug/kg	11/12/2009 0146
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	11/12/2009 0146
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	11/12/2009 0146
Carbon disulfide	ND		1	5.0	1.3	ug/kg	11/12/2009 0146
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	11/12/2009 0146
Chlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
Chloroethane	ND		1	5.0	1.3	ug/kg	11/12/2009 0146
Chloroform	ND		1	5.0	0.83	ug/kg	11/12/2009 0146
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	11/12/2009 0146
Cyclohexane	ND		1	5.0	0.67	ug/kg	11/12/2009 0146
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	11/12/2009 0146
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	11/12/2009 0146
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	11/12/2009 0146
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	11/12/2009 0146
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	11/12/2009 0146
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	11/12/2009 0146
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	11/12/2009 0146
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	11/12/2009 0146
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	11/12/2009 0146
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	11/12/2009 0146
Ethylbenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
2-Hexanone	ND		1	10	1.3	ug/kg	11/12/2009 0146
Isopropylbenzene	ND		1	5.0	0.80	ug/kg	11/12/2009 0146
Methyl acetate	ND		1	5.0	0.67	ug/kg	11/12/2009 0146
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	11/12/2009 0146
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	11/12/2009 0146
Methylcyclohexane	ND		1	5.0	0.61	ug/kg	11/12/2009 0146
Methylene chloride	ND		1	5.0	2.6	ug/kg	11/12/2009 0146
Styrene	ND		1	5.0	1.1	ug/kg	11/12/2009 0146
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	11/12/2009 0146
Tetrachloroethene	ND		1	5.0	2.3	ug/kg	11/12/2009 0146
Toluene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	2.1	ug/kg	11/12/2009 0146
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	11/12/2009 0146
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	11/12/2009 0146

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21537-001
Batch: 21537
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	11/12/2009 0146
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	11/12/2009 0146
Vinyl chloride	ND		1	5.0	0.86	ug/kg	11/12/2009 0146
Xylenes (total)	ND		1	5.0	2.9	ug/kg	11/12/2009 0146

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		99	47-138
1,2-Dichloroethane-d4		93	53-142
Toluene-d8		102	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21537-002
Batch: 21537
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	94		1	94	42-149	11/12/2009 0035
Benzene	50	51		1	102	69-123	11/12/2009 0035
Bromodichloromethane	50	50		1	99	69-121	11/12/2009 0035
Bromoform	50	45		1	90	61-119	11/12/2009 0035
Bromomethane (Methyl bromide)	50	51		1	102	35-144	11/12/2009 0035
2-Butanone (MEK)	100	110		1	106	57-148	11/12/2009 0035
Carbon disulfide	50	58		1	116	58-122	11/12/2009 0035
Carbon tetrachloride	50	53		1	107	58-136	11/12/2009 0035
Chlorobenzene	50	50		1	100	59-129	11/12/2009 0035
Chloroethane	50	43		1	85	50-132	11/12/2009 0035
Chloroform	50	50		1	101	71-125	11/12/2009 0035
Chloromethane (Methyl chloride)	50	71	N	1	142	34-134	11/12/2009 0035
Cyclohexane	50	54		1	107	53-139	11/12/2009 0035
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	93	55-125	11/12/2009 0035
Dibromochloromethane	50	49		1	98	66-119	11/12/2009 0035
1,2-Dibromoethane (EDB)	50	48		1	96	74-124	11/12/2009 0035
1,3-Dichlorobenzene	50	52		1	103	51-134	11/12/2009 0035
1,2-Dichlorobenzene	50	50		1	101	57-131	11/12/2009 0035
1,4-Dichlorobenzene	50	51		1	102	52-133	11/12/2009 0035
Dichlorodifluoromethane	50	87	N	1	175	10-157	11/12/2009 0035
1,1-Dichloroethane	50	51		1	102	71-127	11/12/2009 0035
1,2-Dichloroethane	50	52		1	103	67-129	11/12/2009 0035
1,1-Dichloroethene	50	54		1	108	69-138	11/12/2009 0035
cis-1,2-Dichloroethene	50	51		1	103	70-122	11/12/2009 0035
trans-1,2-Dichloroethene	50	53		1	106	68-131	11/12/2009 0035
1,2-Dichloropropane	50	51		1	101	72-124	11/12/2009 0035
cis-1,3-Dichloropropene	50	51		1	101	70-126	11/12/2009 0035
trans-1,3-Dichloropropene	50	50		1	100	70-124	11/12/2009 0035
Ethylbenzene	50	52		1	104	59-128	11/12/2009 0035
2-Hexanone	100	99		1	99	54-137	11/12/2009 0035
Isopropylbenzene	50	52		1	105	50-136	11/12/2009 0035
Methyl acetate	50	60		1	119	59-137	11/12/2009 0035
Methyl tertiary butyl ether (MTBE)	50	51		1	103	72-122	11/12/2009 0035
4-Methyl-2-pentanone	100	100		1	101	60-134	11/12/2009 0035
Methylcyclohexane	50	55		1	110	41-144	11/12/2009 0035
Methylene chloride	50	49		1	97	77-129	11/12/2009 0035
Styrene	50	51		1	102	54-136	11/12/2009 0035
1,1,2,2-Tetrachloroethane	50	51		1	101	69-132	11/12/2009 0035
Tetrachloroethene	50	53		1	105	70-130	11/12/2009 0035
Toluene	50	52		1	103	61-129	11/12/2009 0035
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	52		1	104	49-136	11/12/2009 0035
1,2,4-Trichlorobenzene	50	52		1	104	34-145	11/12/2009 0035
1,1,2-Trichloroethane	50	49		1	98	55-128	11/12/2009 0035
1,1,1-Trichloroethane	50	52		1	104	63-128	11/12/2009 0035

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21537-002
Batch: 21537
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	52		1	105	62-126	11/12/2009 0035
Trichlorofluoromethane	50	57		1	114	45-138	11/12/2009 0035
Vinyl chloride	50	69	N	1	138	42-132	11/12/2009 0035
Xylenes (total)	100	100		1	103	58-128	11/12/2009 0035

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		100	47-138
1,2-Dichloroethane-d4		88	53-142
Toluene-d8		102	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21537-003
Batch: 21537
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	100		1	102	8.3	42-149	20	11/12/2009 0059
Benzene	50	52		1	104	2.0	69-123	20	11/12/2009 0059
Bromodichloromethane	50	51		1	103	3.7	69-121	20	11/12/2009 0059
Bromoform	50	47		1	95	5.4	61-119	20	11/12/2009 0059
Bromomethane (Methyl bromide)	50	52		1	104	1.7	35-144	20	11/12/2009 0059
2-Butanone (MEK)	100	120		1	115	8.9	57-148	20	11/12/2009 0059
Carbon disulfide	50	59		1	117	1.2	58-122	20	11/12/2009 0059
Carbon tetrachloride	50	54		1	109	1.8	58-136	20	11/12/2009 0059
Chlorobenzene	50	52		1	103	2.9	59-129	20	11/12/2009 0059
Chloroethane	50	48		1	95	11	50-132	20	11/12/2009 0059
Chloroform	50	52		1	104	2.8	71-125	20	11/12/2009 0059
Chloromethane (Methyl chloride)	50	69	N	1	137	3.7	34-134	20	11/12/2009 0059
Cyclohexane	50	54		1	109	1.5	53-139	20	11/12/2009 0059
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	101	7.5	55-125	20	11/12/2009 0059
Dibromochloromethane	50	51		1	102	4.4	66-119	20	11/12/2009 0059
1,2-Dibromoethane (EDB)	50	50		1	100	4.8	74-124	20	11/12/2009 0059
1,3-Dichlorobenzene	50	52		1	103	0.0078	51-134	20	11/12/2009 0059
1,2-Dichlorobenzene	50	50		1	101	0.49	57-131	20	11/12/2009 0059
1,4-Dichlorobenzene	50	51		1	102	0.069	52-133	20	11/12/2009 0059
Dichlorodifluoromethane	50	88	N	1	176	0.67	10-157	20	11/12/2009 0059
1,1-Dichloroethane	50	53		1	106	3.5	71-127	20	11/12/2009 0059
1,2-Dichloroethane	50	53		1	106	3.1	67-129	20	11/12/2009 0059
1,1-Dichloroethene	50	55		1	110	2.1	69-138	20	11/12/2009 0059
cis-1,2-Dichloroethene	50	53		1	106	2.9	70-122	20	11/12/2009 0059
trans-1,2-Dichloroethene	50	54		1	108	1.1	68-131	20	11/12/2009 0059
1,2-Dichloropropane	50	52		1	103	2.0	72-124	20	11/12/2009 0059
cis-1,3-Dichloropropene	50	53		1	105	3.8	70-126	20	11/12/2009 0059
trans-1,3-Dichloropropene	50	52		1	105	4.7	70-124	20	11/12/2009 0059
Ethylbenzene	50	52		1	105	0.70	59-128	20	11/12/2009 0059
2-Hexanone	100	110		1	107	7.7	54-137	20	11/12/2009 0059
Isopropylbenzene	50	53		1	106	0.74	50-136	20	11/12/2009 0059
Methyl acetate	50	64		1	128	7.4	59-137	20	11/12/2009 0059
Methyl tertiary butyl ether (MTBE)	50	54		1	107	4.3	72-122	20	11/12/2009 0059
4-Methyl-2-pentanone	100	110		1	108	6.6	60-134	20	11/12/2009 0059
Methylcyclohexane	50	55		1	110	0.0072	41-144	20	11/12/2009 0059
Methylene chloride	50	51		1	101	4.1	77-129	20	11/12/2009 0059
Styrene	50	53		1	106	3.6	54-136	20	11/12/2009 0059
1,1,2,2-Tetrachloroethane	50	52		1	104	3.0	69-132	20	11/12/2009 0059
Tetrachloroethene	50	53		1	107	1.7	70-130	20	11/12/2009 0059
Toluene	50	52		1	104	1.3	61-129	20	11/12/2009 0059
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	52		1	105	0.23	49-136	20	11/12/2009 0059
1,2,4-Trichlorobenzene	50	53		1	106	1.9	34-145	20	11/12/2009 0059
1,1,2-Trichloroethane	50	52		1	103	5.7	55-128	20	11/12/2009 0059
1,1,1-Trichloroethane	50	53		1	105	0.99	63-128	20	11/12/2009 0059

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21537-003
Batch: 21537
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	53		1	105	0.48	62-126	20	11/12/2009 0059
Trichlorofluoromethane	50	56		1	113	0.56	45-138	20	11/12/2009 0059
Vinyl chloride	50	66		1	132	4.5	42-132	20	11/12/2009 0059
Xylenes (total)	100	110		1	106	2.8	58-128	20	11/12/2009 0059

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		102	47-138
1,2-Dichloroethane-d4		89	53-142
Toluene-d8		101	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21538-001
Batch: 21538
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	11/12/2009 0146
Benzene	ND		1	5.0	1.1	ug/kg	11/12/2009 0146
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
Bromoform	ND		1	5.0	0.70	ug/kg	11/12/2009 0146
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	11/12/2009 0146
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	11/12/2009 0146
Carbon disulfide	ND		1	5.0	1.3	ug/kg	11/12/2009 0146
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	11/12/2009 0146
Chlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
Chloroethane	ND		1	5.0	1.3	ug/kg	11/12/2009 0146
Chloroform	ND		1	5.0	0.83	ug/kg	11/12/2009 0146
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	11/12/2009 0146
Cyclohexane	ND		1	5.0	0.67	ug/kg	11/12/2009 0146
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	11/12/2009 0146
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	11/12/2009 0146
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	11/12/2009 0146
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	11/12/2009 0146
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	11/12/2009 0146
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	11/12/2009 0146
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	11/12/2009 0146
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	11/12/2009 0146
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	11/12/2009 0146
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	11/12/2009 0146
Ethylbenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
2-Hexanone	ND		1	10	1.3	ug/kg	11/12/2009 0146
Isopropylbenzene	ND		1	5.0	0.80	ug/kg	11/12/2009 0146
Methyl acetate	ND		1	5.0	0.67	ug/kg	11/12/2009 0146
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	11/12/2009 0146
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	11/12/2009 0146
Methylcyclohexane	ND		1	5.0	0.61	ug/kg	11/12/2009 0146
Methylene chloride	ND		1	5.0	2.6	ug/kg	11/12/2009 0146
Styrene	ND		1	5.0	1.1	ug/kg	11/12/2009 0146
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	11/12/2009 0146
Tetrachloroethene	ND		1	5.0	2.3	ug/kg	11/12/2009 0146
Toluene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	2.1	ug/kg	11/12/2009 0146
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	11/12/2009 0146
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	11/12/2009 0146
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	11/12/2009 0146

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21538-001
Batch: 21538
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	11/12/2009 0146
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	11/12/2009 0146
Vinyl chloride	ND		1	5.0	0.86	ug/kg	11/12/2009 0146
Xylenes (total)	ND		1	5.0	2.9	ug/kg	11/12/2009 0146

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		99	47-138
1,2-Dichloroethane-d4		93	53-142
Toluene-d8		102	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21538-002
Batch: 21538
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	94		1	94	42-149	11/12/2009 0035
Benzene	50	51		1	102	69-123	11/12/2009 0035
Bromodichloromethane	50	50		1	99	69-121	11/12/2009 0035
Bromoform	50	45		1	90	61-119	11/12/2009 0035
Bromomethane (Methyl bromide)	50	51		1	102	35-144	11/12/2009 0035
2-Butanone (MEK)	100	110		1	106	57-148	11/12/2009 0035
Carbon disulfide	50	58		1	116	58-122	11/12/2009 0035
Carbon tetrachloride	50	53		1	107	58-136	11/12/2009 0035
Chlorobenzene	50	50		1	100	59-129	11/12/2009 0035
Chloroethane	50	43		1	85	50-132	11/12/2009 0035
Chloroform	50	50		1	101	71-125	11/12/2009 0035
Chloromethane (Methyl chloride)	50	71	N	1	142	34-134	11/12/2009 0035
Cyclohexane	50	54		1	107	53-139	11/12/2009 0035
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	93	55-125	11/12/2009 0035
Dibromochloromethane	50	49		1	98	66-119	11/12/2009 0035
1,2-Dibromoethane (EDB)	50	48		1	96	74-124	11/12/2009 0035
1,2-Dichlorobenzene	50	50		1	101	57-131	11/12/2009 0035
1,4-Dichlorobenzene	50	51		1	102	52-133	11/12/2009 0035
1,3-Dichlorobenzene	50	52		1	103	51-134	11/12/2009 0035
Dichlorodifluoromethane	50	87	N	1	175	10-157	11/12/2009 0035
1,1-Dichloroethane	50	51		1	102	71-127	11/12/2009 0035
1,2-Dichloroethane	50	52		1	103	67-129	11/12/2009 0035
1,1-Dichloroethene	50	54		1	108	69-138	11/12/2009 0035
cis-1,2-Dichloroethene	50	51		1	103	70-122	11/12/2009 0035
trans-1,2-Dichloroethene	50	53		1	106	68-131	11/12/2009 0035
1,2-Dichloropropane	50	51		1	101	72-124	11/12/2009 0035
trans-1,3-Dichloropropene	50	50		1	100	70-124	11/12/2009 0035
cis-1,3-Dichloropropene	50	51		1	101	70-126	11/12/2009 0035
Ethylbenzene	50	52		1	104	59-128	11/12/2009 0035
2-Hexanone	100	99		1	99	54-137	11/12/2009 0035
Isopropylbenzene	50	52		1	105	50-136	11/12/2009 0035
Methyl acetate	50	60		1	119	59-137	11/12/2009 0035
Methyl tertiary butyl ether (MTBE)	50	51		1	103	72-122	11/12/2009 0035
4-Methyl-2-pentanone	100	100		1	101	60-134	11/12/2009 0035
Methylcyclohexane	50	55		1	110	41-144	11/12/2009 0035
Methylene chloride	50	49		1	97	77-129	11/12/2009 0035
Styrene	50	51		1	102	54-136	11/12/2009 0035
1,1,2,2-Tetrachloroethane	50	51		1	101	69-132	11/12/2009 0035
Tetrachloroethene	50	53		1	105	70-130	11/12/2009 0035
Toluene	50	52		1	103	61-129	11/12/2009 0035
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	52		1	104	49-136	11/12/2009 0035
1,2,4-Trichlorobenzene	50	52		1	104	34-145	11/12/2009 0035
1,1,2-Trichloroethane	50	49		1	98	55-128	11/12/2009 0035
1,1,1-Trichloroethane	50	52		1	104	63-128	11/12/2009 0035

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21538-002
Batch: 21538
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	52		1	105	62-126	11/12/2009 0035
Trichlorofluoromethane	50	57		1	114	45-138	11/12/2009 0035
Vinyl chloride	50	69	N	1	138	42-132	11/12/2009 0035
Xylenes (total)	100	100		1	103	58-128	11/12/2009 0035

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		100	47-138
1,2-Dichloroethane-d4		88	53-142
Toluene-d8		102	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21538-003
Batch: 21538
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	100		1	102	8.3	42-149	20	11/12/2009 0059
Benzene	50	52		1	104	2.0	69-123	20	11/12/2009 0059
Bromodichloromethane	50	51		1	103	3.7	69-121	20	11/12/2009 0059
Bromoform	50	47		1	95	5.4	61-119	20	11/12/2009 0059
Bromomethane (Methyl bromide)	50	52		1	104	1.7	35-144	20	11/12/2009 0059
2-Butanone (MEK)	100	120		1	115	8.9	57-148	20	11/12/2009 0059
Carbon disulfide	50	59		1	117	1.2	58-122	20	11/12/2009 0059
Carbon tetrachloride	50	54		1	109	1.8	58-136	20	11/12/2009 0059
Chlorobenzene	50	52		1	103	2.9	59-129	20	11/12/2009 0059
Chloroethane	50	48		1	95	11	50-132	20	11/12/2009 0059
Chloroform	50	52		1	104	2.8	71-125	20	11/12/2009 0059
Chloromethane (Methyl chloride)	50	69	N	1	137	3.7	34-134	20	11/12/2009 0059
Cyclohexane	50	54		1	109	1.5	53-139	20	11/12/2009 0059
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	101	7.5	55-125	20	11/12/2009 0059
Dibromochloromethane	50	51		1	102	4.4	66-119	20	11/12/2009 0059
1,2-Dibromoethane (EDB)	50	50		1	100	4.8	74-124	20	11/12/2009 0059
1,2-Dichlorobenzene	50	50		1	101	0.49	57-131	20	11/12/2009 0059
1,4-Dichlorobenzene	50	51		1	102	0.069	52-133	20	11/12/2009 0059
1,3-Dichlorobenzene	50	52		1	103	0.0078	51-134	20	11/12/2009 0059
Dichlorodifluoromethane	50	88	N	1	176	0.67	10-157	20	11/12/2009 0059
1,1-Dichloroethane	50	53		1	106	3.5	71-127	20	11/12/2009 0059
1,2-Dichloroethane	50	53		1	106	3.1	67-129	20	11/12/2009 0059
1,1-Dichloroethene	50	55		1	110	2.1	69-138	20	11/12/2009 0059
cis-1,2-Dichloroethene	50	53		1	106	2.9	70-122	20	11/12/2009 0059
trans-1,2-Dichloroethene	50	54		1	108	1.1	68-131	20	11/12/2009 0059
1,2-Dichloropropane	50	52		1	103	2.0	72-124	20	11/12/2009 0059
trans-1,3-Dichloropropene	50	52		1	105	4.7	70-124	20	11/12/2009 0059
cis-1,3-Dichloropropene	50	53		1	105	3.8	70-126	20	11/12/2009 0059
Ethylbenzene	50	52		1	105	0.70	59-128	20	11/12/2009 0059
2-Hexanone	100	110		1	107	7.7	54-137	20	11/12/2009 0059
Isopropylbenzene	50	53		1	106	0.74	50-136	20	11/12/2009 0059
Methyl acetate	50	64		1	128	7.4	59-137	20	11/12/2009 0059
Methyl tertiary butyl ether (MTBE)	50	54		1	107	4.3	72-122	20	11/12/2009 0059
4-Methyl-2-pentanone	100	110		1	108	6.6	60-134	20	11/12/2009 0059
Methylcyclohexane	50	55		1	110	0.0072	41-144	20	11/12/2009 0059
Methylene chloride	50	51		1	101	4.1	77-129	20	11/12/2009 0059
Styrene	50	53		1	106	3.6	54-136	20	11/12/2009 0059
1,1,2,2-Tetrachloroethane	50	52		1	104	3.0	69-132	20	11/12/2009 0059
Tetrachloroethene	50	53		1	107	1.7	70-130	20	11/12/2009 0059
Toluene	50	52		1	104	1.3	61-129	20	11/12/2009 0059
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	52		1	105	0.23	49-136	20	11/12/2009 0059
1,2,4-Trichlorobenzene	50	53		1	106	1.9	34-145	20	11/12/2009 0059
1,1,2-Trichloroethane	50	52		1	103	5.7	55-128	20	11/12/2009 0059
1,1,1-Trichloroethane	50	53		1	105	0.99	63-128	20	11/12/2009 0059

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21538-003
Batch: 21538
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	53		1	105	0.48	62-126	20	11/12/2009 0059
Trichlorofluoromethane	50	56		1	113	0.56	45-138	20	11/12/2009 0059
Vinyl chloride	50	66		1	132	4.5	42-132	20	11/12/2009 0059
Xylenes (total)	100	110		1	106	2.8	58-128	20	11/12/2009 0059

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		102	47-138
1,2-Dichloroethane-d4		89	53-142
Toluene-d8		101	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21834-001
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	1.4	J	1	10	0.061	ug/L	11/17/2009 1222
Benzene	ND		1	0.50	0.027	ug/L	11/17/2009 1222
Bromodichloromethane	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Bromoform	ND		1	0.50	0.010	ug/L	11/17/2009 1222
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	11/17/2009 1222
2-Butanone (MEK)	ND		1	10	2.0	ug/L	11/17/2009 1222
Carbon disulfide	0.18	J	1	0.50	0.097	ug/L	11/17/2009 1222
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	11/17/2009 1222
Chlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Chloroethane	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Chloroform	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Cyclohexane	ND		1	0.50	0.30	ug/L	11/17/2009 1222
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	11/17/2009 1222
Dibromochloromethane	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	11/17/2009 1222
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	11/17/2009 1222
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	11/17/2009 1222
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	11/17/2009 1222
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	11/17/2009 1222
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	11/17/2009 1222
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	11/17/2009 1222
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	11/17/2009 1222
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	11/17/2009 1222
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	11/17/2009 1222
Ethylbenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
2-Hexanone	ND		1	10	0.27	ug/L	11/17/2009 1222
Isopropylbenzene	ND		1	0.50	0.029	ug/L	11/17/2009 1222
Methyl acetate	ND		1	1.0	0.30	ug/L	11/17/2009 1222
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	11/17/2009 1222
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	11/17/2009 1222
Methylcyclohexane	ND		1	5.0	0.95	ug/L	11/17/2009 1222
Methylene chloride	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Styrene	ND		1	0.50	0.015	ug/L	11/17/2009 1222
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	11/17/2009 1222
Tetrachloroethene	ND		1	0.50	0.014	ug/L	11/17/2009 1222
Toluene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	11/17/2009 1222
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	11/17/2009 1222
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	11/17/2009 1222

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21834-001
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	11/17/2009 1222
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	11/17/2009 1222
Vinyl chloride	ND		1	0.50	0.065	ug/L	11/17/2009 1222
Xylenes (total)	ND		1	0.50	0.17	ug/L	11/17/2009 1222

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		89	70-130
1,2-Dichloroethane-d4		87	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21834-002
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	119	46-153	11/17/2009 1055
Benzene	50	44		1	88	70-130	11/17/2009 1055
Bromodichloromethane	50	44		1	88	70-130	11/17/2009 1055
Bromoform	50	42		1	83	70-130	11/17/2009 1055
Bromomethane (Methyl bromide)	50	55		1	109	60-140	11/17/2009 1055
2-Butanone (MEK)	100	96		1	96	60-140	11/17/2009 1055
Carbon disulfide	50	52		1	104	60-140	11/17/2009 1055
Carbon tetrachloride	50	49		1	98	70-130	11/17/2009 1055
Chlorobenzene	50	43		1	86	70-130	11/17/2009 1055
Chloroethane	50	42		1	83	42-163	11/17/2009 1055
Chloroform	50	47		1	94	70-130	11/17/2009 1055
Chloromethane (Methyl chloride)	50	43		1	86	20-158	11/17/2009 1055
Cyclohexane	50	46		1	93	70-130	11/17/2009 1055
1,2-Dibromo-3-chloropropane (DBCP)	50	51		1	101	70-130	11/17/2009 1055
Dibromochloromethane	50	46		1	91	70-130	11/17/2009 1055
1,2-Dibromoethane (EDB)	50	41		1	82	70-130	11/17/2009 1055
1,2-Dichlorobenzene	50	47		1	95	70-130	11/17/2009 1055
1,3-Dichlorobenzene	50	45		1	90	70-130	11/17/2009 1055
1,4-Dichlorobenzene	50	44		1	89	70-130	11/17/2009 1055
Dichlorodifluoromethane	50	36		1	73	60-140	11/17/2009 1055
1,2-Dichloroethane	50	45		1	90	70-130	11/17/2009 1055
1,1-Dichloroethane	50	45		1	90	70-130	11/17/2009 1055
cis-1,2-Dichloroethene	50	46		1	93	70-130	11/17/2009 1055
trans-1,2-Dichloroethene	50	47		1	93	70-130	11/17/2009 1055
1,1-Dichloroethene	50	47		1	94	70-130	11/17/2009 1055
1,2-Dichloropropane	50	44		1	88	70-130	11/17/2009 1055
trans-1,3-Dichloropropene	50	48		1	95	70-130	11/17/2009 1055
cis-1,3-Dichloropropene	50	43		1	86	70-130	11/17/2009 1055
Ethylbenzene	50	46		1	92	70-130	11/17/2009 1055
2-Hexanone	100	86		1	86	60-140	11/17/2009 1055
Isopropylbenzene	50	49		1	98	70-130	11/17/2009 1055
Methyl acetate	50	51		1	103	15-128	11/17/2009 1055
Methyl tertiary butyl ether (MTBE)	50	50		1	100	70-130	11/17/2009 1055
4-Methyl-2-pentanone	100	91		1	91	60-140	11/17/2009 1055
Methylcyclohexane	50	48		1	97	70-130	11/17/2009 1055
Methylene chloride	50	47		1	95	70-130	11/17/2009 1055
Styrene	50	46		1	92	70-130	11/17/2009 1055
1,1,2,2-Tetrachloroethane	50	46		1	92	70-130	11/17/2009 1055
Tetrachloroethene	50	45		1	91	70-130	11/17/2009 1055
Toluene	50	44		1	87	70-130	11/17/2009 1055
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	45		1	91	70-130	11/17/2009 1055
1,2,4-Trichlorobenzene	50	62		1	125	70-130	11/17/2009 1055
1,1,2-Trichloroethane	50	39		1	78	70-130	11/17/2009 1055
1,1,1-Trichloroethane	50	49		1	99	70-130	11/17/2009 1055

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21834-002
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	45		1	89	70-130	11/17/2009 1055
Trichlorofluoromethane	50	46		1	93	60-140	11/17/2009 1055
Vinyl chloride	50	42		1	84	60-140	11/17/2009 1055
Xylenes (total)	100	95		1	95	70-130	11/17/2009 1055

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		91	70-130
1,2-Dichloroethane-d4		86	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21834-003
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	110	7.1	46-153	20	11/17/2009 1117
Benzene	50	44		1	88	0.73	70-130	20	11/17/2009 1117
Bromodichloromethane	50	45		1	89	1.1	70-130	20	11/17/2009 1117
Bromoform	50	41		1	82	1.2	70-130	20	11/17/2009 1117
Bromomethane (Methyl bromide)	50	49		1	98	11	60-140	20	11/17/2009 1117
2-Butanone (MEK)	100	94		1	94	1.9	60-140	20	11/17/2009 1117
Carbon disulfide	50	49		1	99	5.6	60-140	20	11/17/2009 1117
Carbon tetrachloride	50	47		1	94	3.6	70-130	20	11/17/2009 1117
Chlorobenzene	50	43		1	86	0.63	70-130	20	11/17/2009 1117
Chloroethane	50	39		1	78	6.4	42-163	20	11/17/2009 1117
Chloroform	50	46		1	92	3.0	70-130	20	11/17/2009 1117
Chloromethane (Methyl chloride)	50	39		1	79	8.5	20-158	20	11/17/2009 1117
Cyclohexane	50	45		1	89	3.8	70-130	20	11/17/2009 1117
1,2-Dibromo-3-chloropropane (DBCP)	50	46		1	93	9.1	70-130	20	11/17/2009 1117
Dibromochloromethane	50	46		1	91	0.25	70-130	20	11/17/2009 1117
1,2-Dibromoethane (EDB)	50	42		1	84	2.4	70-130	20	11/17/2009 1117
1,2-Dichlorobenzene	50	46		1	92	2.6	70-130	20	11/17/2009 1117
1,3-Dichlorobenzene	50	45		1	90	0.30	70-130	20	11/17/2009 1117
1,4-Dichlorobenzene	50	45		1	89	0.83	70-130	20	11/17/2009 1117
Dichlorodifluoromethane	50	34		1	68	7.3	60-140	20	11/17/2009 1117
1,2-Dichloroethane	50	45		1	90	0.26	70-130	20	11/17/2009 1117
1,1-Dichloroethane	50	44		1	87	3.2	70-130	20	11/17/2009 1117
cis-1,2-Dichloroethene	50	44		1	89	4.1	70-130	20	11/17/2009 1117
trans-1,2-Dichloroethene	50	45		1	90	3.8	70-130	20	11/17/2009 1117
1,1-Dichloroethene	50	44		1	89	5.6	70-130	20	11/17/2009 1117
1,2-Dichloropropane	50	45		1	90	2.4	70-130	20	11/17/2009 1117
trans-1,3-Dichloropropene	50	48		1	97	1.6	70-130	20	11/17/2009 1117
cis-1,3-Dichloropropene	50	44		1	87	1.5	70-130	20	11/17/2009 1117
Ethylbenzene	50	46		1	92	0.87	70-130	20	11/17/2009 1117
2-Hexanone	100	87		1	87	0.98	60-140	20	11/17/2009 1117
Isopropylbenzene	50	48		1	95	2.6	70-130	20	11/17/2009 1117
Methyl acetate	50	49		1	98	4.5	15-128	20	11/17/2009 1117
Methyl tertiary butyl ether (MTBE)	50	48		1	96	4.1	70-130	20	11/17/2009 1117
4-Methyl-2-pentanone	100	90		1	90	1.6	60-140	20	11/17/2009 1117
Methylcyclohexane	50	47		1	95	1.9	70-130	20	11/17/2009 1117
Methylene chloride	50	44		1	88	7.7	70-130	20	11/17/2009 1117
Styrene	50	47		1	93	1.2	70-130	20	11/17/2009 1117
1,1,2,2-Tetrachloroethane	50	44		1	87	5.6	70-130	20	11/17/2009 1117
Tetrachloroethene	50	45		1	90	0.72	70-130	20	11/17/2009 1117
Toluene	50	45		1	90	2.8	70-130	20	11/17/2009 1117
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	42		1	83	8.6	70-130	20	11/17/2009 1117
1,2,4-Trichlorobenzene	50	59		1	118	5.9	70-130	20	11/17/2009 1117
1,1,2-Trichloroethane	50	40		1	80	2.4	70-130	20	11/17/2009 1117
1,1,1-Trichloroethane	50	47		1	94	4.7	70-130	20	11/17/2009 1117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21834-003
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	46		1	91	2.6	70-130	20	11/17/2009 1117
Trichlorofluoromethane	50	46		1	92	1.0	60-140	20	11/17/2009 1117
Vinyl chloride	50	39		1	79	6.5	60-140	20	11/17/2009 1117
Xylenes (total)	100	93		1	93	1.6	70-130	20	11/17/2009 1117

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		89	70-130
1,2-Dichloroethane-d4		85	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21886-001
Batch: 21886
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	11/17/2009 0031
Benzene	ND		1	5.0	1.1	ug/kg	11/17/2009 0031
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
Bromoform	ND		1	5.0	0.70	ug/kg	11/17/2009 0031
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	11/17/2009 0031
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	11/17/2009 0031
Carbon disulfide	ND		1	5.0	1.3	ug/kg	11/17/2009 0031
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	11/17/2009 0031
Chlorobenzene	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
Chloroethane	ND		1	5.0	1.3	ug/kg	11/17/2009 0031
Chloroform	ND		1	5.0	0.83	ug/kg	11/17/2009 0031
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	11/17/2009 0031
Cyclohexane	ND		1	5.0	0.67	ug/kg	11/17/2009 0031
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	11/17/2009 0031
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	11/17/2009 0031
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	11/17/2009 0031
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	11/17/2009 0031
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	11/17/2009 0031
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	11/17/2009 0031
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	11/17/2009 0031
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	11/17/2009 0031
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	11/17/2009 0031
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	11/17/2009 0031
Ethylbenzene	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
2-Hexanone	ND		1	10	1.3	ug/kg	11/17/2009 0031
Isopropylbenzene	ND		1	5.0	0.80	ug/kg	11/17/2009 0031
Methyl acetate	ND		1	5.0	0.67	ug/kg	11/17/2009 0031
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	11/17/2009 0031
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	11/17/2009 0031
Methylcyclohexane	ND		1	5.0	0.61	ug/kg	11/17/2009 0031
Methylene chloride	ND		1	5.0	2.6	ug/kg	11/17/2009 0031
Styrene	ND		1	5.0	1.1	ug/kg	11/17/2009 0031
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	11/17/2009 0031
Tetrachloroethene	ND		1	5.0	2.3	ug/kg	11/17/2009 0031
Toluene	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	2.1	ug/kg	11/17/2009 0031
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	11/17/2009 0031
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	11/17/2009 0031
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	11/17/2009 0031

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21886-001
Batch: 21886
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	11/17/2009 0031
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	11/17/2009 0031
Vinyl chloride	ND		1	5.0	0.86	ug/kg	11/17/2009 0031
Xylenes (total)	ND		1	5.0	2.9	ug/kg	11/17/2009 0031

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		105	47-138
1,2-Dichloroethane-d4		102	53-142
Toluene-d8		112	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21886-002
Batch: 21886
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	110	42-149	11/16/2009 2321
Benzene	50	44		1	89	69-123	11/16/2009 2321
Bromodichloromethane	50	42		1	85	69-121	11/16/2009 2321
Bromoform	50	40		1	80	61-119	11/16/2009 2321
Bromomethane (Methyl bromide)	50	41		1	82	35-144	11/16/2009 2321
2-Butanone (MEK)	100	100		1	101	57-148	11/16/2009 2321
Carbon disulfide	50	49		1	97	58-122	11/16/2009 2321
Carbon tetrachloride	50	43		1	86	58-136	11/16/2009 2321
Chlorobenzene	50	44		1	88	59-129	11/16/2009 2321
Chloroethane	50	41		1	82	50-132	11/16/2009 2321
Chloroform	50	41		1	82	71-125	11/16/2009 2321
Chloromethane (Methyl chloride)	50	39		1	78	34-134	11/16/2009 2321
Cyclohexane	50	45		1	91	53-139	11/16/2009 2321
1,2-Dibromo-3-chloropropane (DBCP)	50	41		1	82	55-125	11/16/2009 2321
Dibromochloromethane	50	43		1	86	66-119	11/16/2009 2321
1,2-Dibromoethane (EDB)	50	42		1	83	74-124	11/16/2009 2321
1,2-Dichlorobenzene	50	41		1	82	57-131	11/16/2009 2321
1,4-Dichlorobenzene	50	42		1	85	52-133	11/16/2009 2321
1,3-Dichlorobenzene	50	43		1	86	51-134	11/16/2009 2321
Dichlorodifluoromethane	50	36		1	72	10-157	11/16/2009 2321
1,1-Dichloroethane	50	43		1	85	71-127	11/16/2009 2321
1,2-Dichloroethane	50	40		1	80	67-129	11/16/2009 2321
1,1-Dichloroethene	50	45		1	90	69-138	11/16/2009 2321
cis-1,2-Dichloroethene	50	43		1	85	70-122	11/16/2009 2321
trans-1,2-Dichloroethene	50	43		1	87	68-131	11/16/2009 2321
1,2-Dichloropropane	50	42		1	85	72-124	11/16/2009 2321
cis-1,3-Dichloropropene	50	43		1	86	70-126	11/16/2009 2321
trans-1,3-Dichloropropene	50	44		1	88	70-124	11/16/2009 2321
Ethylbenzene	50	46		1	92	59-128	11/16/2009 2321
2-Hexanone	100	93		1	93	54-137	11/16/2009 2321
Isopropylbenzene	50	47		1	94	50-136	11/16/2009 2321
Methyl acetate	50	47		1	94	59-137	11/16/2009 2321
Methyl tertiary butyl ether (MTBE)	50	40		1	81	72-122	11/16/2009 2321
4-Methyl-2-pentanone	100	85		1	85	60-134	11/16/2009 2321
Methylcyclohexane	50	46		1	92	41-144	11/16/2009 2321
Methylene chloride	50	40		1	80	77-129	11/16/2009 2321
Styrene	50	45		1	90	54-136	11/16/2009 2321
1,1,2,2-Tetrachloroethane	50	42		1	84	69-132	11/16/2009 2321
Tetrachloroethene	50	47		1	93	70-130	11/16/2009 2321
Toluene	50	44		1	88	61-129	11/16/2009 2321
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	43		1	85	49-136	11/16/2009 2321
1,2,4-Trichlorobenzene	50	41		1	82	34-145	11/16/2009 2321
1,1,2-Trichloroethane	50	42		1	84	55-128	11/16/2009 2321
1,1,1-Trichloroethane	50	43		1	86	63-128	11/16/2009 2321

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21886-002
Batch: 21886
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	46		1	91	62-126	11/16/2009 2321
Trichlorofluoromethane	50	42		1	84	45-138	11/16/2009 2321
Vinyl chloride	50	41		1	81	42-132	11/16/2009 2321
Xylenes (total)	100	90		1	90	58-128	11/16/2009 2321

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		106	47-138
1,2-Dichloroethane-d4		86	53-142
Toluene-d8		104	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21886-003
Batch: 21886
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	115	3.8	42-149	20	11/16/2009 2344
Benzene	50	49		1	99	11	69-123	20	11/16/2009 2344
Bromodichloromethane	50	48		1	96	13	69-121	20	11/16/2009 2344
Bromoform	50	44		1	88	9.0	61-119	20	11/16/2009 2344
Bromomethane (Methyl bromide)	50	46		1	92	12	35-144	20	11/16/2009 2344
2-Butanone (MEK)	100	100		1	104	2.8	57-148	20	11/16/2009 2344
Carbon disulfide	50	56		1	112	14	58-122	20	11/16/2009 2344
Carbon tetrachloride	50	51		1	103	17	58-136	20	11/16/2009 2344
Chlorobenzene	50	47		1	95	7.8	59-129	20	11/16/2009 2344
Chloroethane	50	48		1	96	15	50-132	20	11/16/2009 2344
Chloroform	50	48		1	95	15	71-125	20	11/16/2009 2344
Chloromethane (Methyl chloride)	50	44		1	88	12	34-134	20	11/16/2009 2344
Cyclohexane	50	51		1	101	11	53-139	20	11/16/2009 2344
1,2-Dibromo-3-chloropropane (DBCP)	50	45		1	89	8.9	55-125	20	11/16/2009 2344
Dibromochloromethane	50	48		1	95	10	66-119	20	11/16/2009 2344
1,2-Dibromoethane (EDB)	50	45		1	90	8.0	74-124	20	11/16/2009 2344
1,2-Dichlorobenzene	50	46		1	93	12	57-131	20	11/16/2009 2344
1,4-Dichlorobenzene	50	46		1	93	9.1	52-133	20	11/16/2009 2344
1,3-Dichlorobenzene	50	47		1	95	9.5	51-134	20	11/16/2009 2344
Dichlorodifluoromethane	50	42		1	83	15	10-157	20	11/16/2009 2344
1,1-Dichloroethane	50	49		1	98	14	71-127	20	11/16/2009 2344
1,2-Dichloroethane	50	48		1	96	18	67-129	20	11/16/2009 2344
1,1-Dichloroethene	50	51		1	102	13	69-138	20	11/16/2009 2344
cis-1,2-Dichloroethene	50	49		1	98	14	70-122	20	11/16/2009 2344
trans-1,2-Dichloroethene	50	50		1	100	14	68-131	20	11/16/2009 2344
1,2-Dichloropropane	50	48		1	96	13	72-124	20	11/16/2009 2344
cis-1,3-Dichloropropene	50	48		1	97	12	70-126	20	11/16/2009 2344
trans-1,3-Dichloropropene	50	48		1	95	8.0	70-124	20	11/16/2009 2344
Ethylbenzene	50	50		1	100	8.3	59-128	20	11/16/2009 2344
2-Hexanone	100	97		1	97	4.0	54-137	20	11/16/2009 2344
Isopropylbenzene	50	51		1	102	8.4	50-136	20	11/16/2009 2344
Methyl acetate	50	51		1	101	7.9	59-137	20	11/16/2009 2344
Methyl tertiary butyl ether (MTBE)	50	48		1	96	17	72-122	20	11/16/2009 2344
4-Methyl-2-pentanone	100	96		1	96	12	60-134	20	11/16/2009 2344
Methylcyclohexane	50	52		1	104	11	41-144	20	11/16/2009 2344
Methylene chloride	50	47		1	94	16	77-129	20	11/16/2009 2344
Styrene	50	49		1	99	9.6	54-136	20	11/16/2009 2344
1,1,2,2-Tetrachloroethane	50	47		1	94	11	69-132	20	11/16/2009 2344
Tetrachloroethene	50	50		1	99	6.3	70-130	20	11/16/2009 2344
Toluene	50	49		1	99	11	61-129	20	11/16/2009 2344
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	49		1	99	15	49-136	20	11/16/2009 2344
1,2,4-Trichlorobenzene	50	46		1	92	11	34-145	20	11/16/2009 2344
1,1,2-Trichloroethane	50	46		1	92	8.3	55-128	20	11/16/2009 2344
1,1,1-Trichloroethane	50	51		1	102	17	63-128	20	11/16/2009 2344

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21886-003
Batch: 21886
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	50		1	100	8.9	62-126	20	11/16/2009 2344
Trichlorofluoromethane	50	50		1	99	16	45-138	20	11/16/2009 2344
Vinyl chloride	50	47		1	94	14	42-132	20	11/16/2009 2344
Xylenes (total)	100	98		1	98	7.6	58-128	20	11/16/2009 2344

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		103	47-138
1,2-Dichloroethane-d4		92	53-142
Toluene-d8		107	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Volatiles - MB

Sample ID: KQ21922-001
Batch: 21922
Analytical Method: 8260B

Matrix: Solid
Prep Method: 1311/5030B

Leachate Date: 11/10/2009 1555

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Benzene	ND		10	0.050	0.0020	mg/L	11/17/2009 1013
2-Butanone (MEK)	ND		10	0.10	0.018	mg/L	11/17/2009 1013
Carbon tetrachloride	ND		10	0.050	0.0040	mg/L	11/17/2009 1013
Chlorobenzene	ND		10	0.050	0.0020	mg/L	11/17/2009 1013
Chloroform	ND		10	0.050	0.0030	mg/L	11/17/2009 1013
1,2-Dichloroethane	ND		10	0.050	0.0030	mg/L	11/17/2009 1013
1,1-Dichloroethene	ND		10	0.050	0.0050	mg/L	11/17/2009 1013
Tetrachloroethene	ND		10	0.050	0.0040	mg/L	11/17/2009 1013
Trichloroethene	ND		10	0.050	0.0030	mg/L	11/17/2009 1013
Vinyl chloride	ND		10	0.010	0.0010	mg/L	11/17/2009 1013

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		96	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Volatiles - LCS

Sample ID: KQ21922-002
Batch: 21922
Analytical Method: 8260B

Matrix: Solid
Prep Method: 1311/5030B

Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	0.50	0.45		10	89	72-127	11/17/2009 0952
2-Butanone (MEK)	1.0	0.78		10	78	60-140	11/17/2009 0952
Carbon tetrachloride	0.50	0.41		10	83	37-166	11/17/2009 0952
Chlorobenzene	0.50	0.46		10	93	78-129	11/17/2009 0952
Chloroform	0.50	0.39		10	78	63-123	11/17/2009 0952
1,2-Dichloroethane	0.50	0.36		10	71	59-143	11/17/2009 0952
1,1-Dichloroethene	0.50	0.43		10	85	50-132	11/17/2009 0952
Tetrachloroethene	0.50	0.50		10	100	70-130	11/17/2009 0952
Trichloroethene	0.50	0.45		10	89	73-124	11/17/2009 0952
Vinyl chloride	0.50	0.34		10	68	29-159	11/17/2009 0952

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		87	70-130
1,2-Dichloroethane-d4		81	70-130
Toluene-d8		90	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Volatiles - MS

Sample ID: KK07010-015MS
Batch: 21922
Analytical Method: 8260B

Matrix: Solid
Prep Method: 1311/5030B

Leachate Date: 11/10/2009 1555

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	ND	0.50	0.48		10	97	70-127	11/17/2009 1138
2-Butanone (MEK)	ND	1.0	0.88		10	88	60-140	11/17/2009 1138
Carbon tetrachloride	ND	0.50	0.44		10	88	37-166	11/17/2009 1138
Chlorobenzene	ND	0.50	0.47		10	94	78-129	11/17/2009 1138
Chloroform	ND	0.50	0.45		10	90	63-123	11/17/2009 1138
1,2-Dichloroethane	ND	0.50	0.42		10	85	59-143	11/17/2009 1138
1,1-Dichloroethene	ND	0.50	0.46		10	92	50-132	11/17/2009 1138
Tetrachloroethene	ND	0.50	0.47		10	94	70-130	11/17/2009 1138
Trichloroethene	ND	0.50	0.46		10	92	73-124	11/17/2009 1138
Vinyl chloride	ND	0.50	0.37		10	73	29-159	11/17/2009 1138

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		91	70-130
1,2-Dichloroethane-d4		88	70-130
Toluene-d8		97	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ22080-001
Batch: 22080
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	11/18/2009 1315
Benzene	ND		1	5.0	1.1	ug/kg	11/18/2009 1315
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
Bromoform	ND		1	5.0	0.70	ug/kg	11/18/2009 1315
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	11/18/2009 1315
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	11/18/2009 1315
Carbon disulfide	ND		1	5.0	1.3	ug/kg	11/18/2009 1315
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	11/18/2009 1315
Chlorobenzene	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
Chloroethane	ND		1	5.0	1.3	ug/kg	11/18/2009 1315
Chloroform	ND		1	5.0	0.83	ug/kg	11/18/2009 1315
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	11/18/2009 1315
Cyclohexane	ND		1	5.0	0.67	ug/kg	11/18/2009 1315
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	11/18/2009 1315
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	11/18/2009 1315
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	11/18/2009 1315
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	11/18/2009 1315
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	11/18/2009 1315
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	11/18/2009 1315
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	11/18/2009 1315
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	11/18/2009 1315
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	11/18/2009 1315
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	11/18/2009 1315
Ethylbenzene	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
2-Hexanone	ND		1	10	1.3	ug/kg	11/18/2009 1315
Isopropylbenzene	ND		1	5.0	0.80	ug/kg	11/18/2009 1315
Methyl acetate	ND		1	5.0	0.67	ug/kg	11/18/2009 1315
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	11/18/2009 1315
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	11/18/2009 1315
Methylcyclohexane	ND		1	5.0	0.61	ug/kg	11/18/2009 1315
Methylene chloride	ND		1	5.0	2.6	ug/kg	11/18/2009 1315
Styrene	ND		1	5.0	1.1	ug/kg	11/18/2009 1315
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	11/18/2009 1315
Tetrachloroethene	ND		1	5.0	2.3	ug/kg	11/18/2009 1315
Toluene	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	2.1	ug/kg	11/18/2009 1315
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	11/18/2009 1315
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	11/18/2009 1315
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	11/18/2009 1315

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ22080-001
Batch: 22080
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	11/18/2009 1315
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	11/18/2009 1315
Vinyl chloride	ND		1	5.0	0.86	ug/kg	11/18/2009 1315
Xylenes (total)	ND		1	5.0	2.9	ug/kg	11/18/2009 1315

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		95	47-138
1,2-Dichloroethane-d4		86	53-142
Toluene-d8		100	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ22080-002
Batch: 22080
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	65		1	65	42-149	11/18/2009 1025
Benzene	50	43		1	86	69-123	11/18/2009 1025
Bromodichloromethane	50	42		1	85	69-121	11/18/2009 1025
Bromoform	50	34		1	68	61-119	11/18/2009 1025
Bromomethane (Methyl bromide)	50	46		1	91	35-144	11/18/2009 1025
2-Butanone (MEK)	100	70		1	70	57-148	11/18/2009 1025
Carbon disulfide	50	49		1	98	58-122	11/18/2009 1025
Carbon tetrachloride	50	45		1	90	58-136	11/18/2009 1025
Chlorobenzene	50	39		1	79	59-129	11/18/2009 1025
Chloroethane	50	47		1	94	50-132	11/18/2009 1025
Chloroform	50	42		1	84	71-125	11/18/2009 1025
Chloromethane (Methyl chloride)	50	52		1	104	34-134	11/18/2009 1025
Cyclohexane	50	45		1	89	53-139	11/18/2009 1025
1,2-Dibromo-3-chloropropane (DBCP)	50	31		1	63	55-125	11/18/2009 1025
Dibromochloromethane	50	36		1	73	66-119	11/18/2009 1025
1,2-Dibromoethane (EDB)	50	35	N	1	70	74-124	11/18/2009 1025
1,4-Dichlorobenzene	50	37		1	74	52-133	11/18/2009 1025
1,3-Dichlorobenzene	50	37		1	75	51-134	11/18/2009 1025
1,2-Dichlorobenzene	50	36		1	73	57-131	11/18/2009 1025
Dichlorodifluoromethane	50	60		1	120	10-157	11/18/2009 1025
1,2-Dichloroethane	50	43		1	86	67-129	11/18/2009 1025
1,1-Dichloroethane	50	44		1	88	71-127	11/18/2009 1025
trans-1,2-Dichloroethene	50	44		1	88	68-131	11/18/2009 1025
cis-1,2-Dichloroethene	50	43		1	87	70-122	11/18/2009 1025
1,1-Dichloroethene	50	44		1	87	69-138	11/18/2009 1025
1,2-Dichloropropane	50	42		1	85	72-124	11/18/2009 1025
trans-1,3-Dichloropropene	50	41		1	82	70-124	11/18/2009 1025
cis-1,3-Dichloropropene	50	43		1	86	70-126	11/18/2009 1025
Ethylbenzene	50	42		1	83	59-128	11/18/2009 1025
2-Hexanone	100	66		1	66	54-137	11/18/2009 1025
Isopropylbenzene	50	40		1	80	50-136	11/18/2009 1025
Methyl acetate	50	38		1	77	59-137	11/18/2009 1025
Methyl tertiary butyl ether (MTBE)	50	42		1	84	72-122	11/18/2009 1025
4-Methyl-2-pentanone	100	71		1	71	60-134	11/18/2009 1025
Methylcyclohexane	50	43		1	87	41-144	11/18/2009 1025
Methylene chloride	50	42		1	84	77-129	11/18/2009 1025
Styrene	50	42		1	85	54-136	11/18/2009 1025
1,1,2,2-Tetrachloroethane	50	32	N	1	64	69-132	11/18/2009 1025
Tetrachloroethene	50	40		1	80	70-130	11/18/2009 1025
Toluene	50	44		1	88	61-129	11/18/2009 1025
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	42		1	85	49-136	11/18/2009 1025
1,2,4-Trichlorobenzene	50	36		1	72	34-145	11/18/2009 1025
1,1,2-Trichloroethane	50	37		1	74	55-128	11/18/2009 1025
1,1,1-Trichloroethane	50	44		1	89	63-128	11/18/2009 1025

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ22080-002
Batch: 22080
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	42		1	84	62-126	11/18/2009 1025
Trichlorofluoromethane	50	48		1	95	45-138	11/18/2009 1025
Vinyl chloride	50	51		1	103	42-132	11/18/2009 1025
Xylenes (total)	100	83		1	83	58-128	11/18/2009 1025

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		80	47-138
1,2-Dichloroethane-d4		71	53-142
Toluene-d8		82	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ22080-003
Batch: 22080
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	80	+	1	80	21	42-149	20	11/18/2009 1208
Benzene	50	45		1	90	5.0	69-123	20	11/18/2009 1208
Bromodichloromethane	50	46		1	91	7.4	69-121	20	11/18/2009 1208
Bromoform	50	38		1	77	12	61-119	20	11/18/2009 1208
Bromomethane (Methyl bromide)	50	49		1	98	6.7	35-144	20	11/18/2009 1208
2-Butanone (MEK)	100	82		1	82	16	57-148	20	11/18/2009 1208
Carbon disulfide	50	51		1	102	4.4	58-122	20	11/18/2009 1208
Carbon tetrachloride	50	46		1	93	2.9	58-136	20	11/18/2009 1208
Chlorobenzene	50	41		1	82	4.5	59-129	20	11/18/2009 1208
Chloroethane	50	49		1	99	5.5	50-132	20	11/18/2009 1208
Chloroform	50	45		1	90	6.7	71-125	20	11/18/2009 1208
Chloromethane (Methyl chloride)	50	58		1	116	11	34-134	20	11/18/2009 1208
Cyclohexane	50	46		1	91	2.3	53-139	20	11/18/2009 1208
1,2-Dibromo-3-chloropropane (DBCP)	50	37		1	75	17	55-125	20	11/18/2009 1208
Dibromochloromethane	50	40		1	80	9.8	66-119	20	11/18/2009 1208
1,2-Dibromoethane (EDB)	50	39		1	79	12	74-124	20	11/18/2009 1208
1,4-Dichlorobenzene	50	37		1	74	0.90	52-133	20	11/18/2009 1208
1,3-Dichlorobenzene	50	38		1	76	1.9	51-134	20	11/18/2009 1208
1,2-Dichlorobenzene	50	38		1	75	3.6	57-131	20	11/18/2009 1208
Dichlorodifluoromethane	50	62		1	124	3.3	10-157	20	11/18/2009 1208
1,2-Dichloroethane	50	47		1	93	8.0	67-129	20	11/18/2009 1208
1,1-Dichloroethane	50	47		1	93	6.0	71-127	20	11/18/2009 1208
trans-1,2-Dichloroethene	50	46		1	92	5.0	68-131	20	11/18/2009 1208
cis-1,2-Dichloroethene	50	46		1	92	5.9	70-122	20	11/18/2009 1208
1,1-Dichloroethene	50	46		1	92	5.5	69-138	20	11/18/2009 1208
1,2-Dichloropropane	50	45		1	91	6.8	72-124	20	11/18/2009 1208
trans-1,3-Dichloropropene	50	44		1	88	7.3	70-124	20	11/18/2009 1208
cis-1,3-Dichloropropene	50	46		1	92	6.3	70-126	20	11/18/2009 1208
Ethylbenzene	50	42		1	85	2.3	59-128	20	11/18/2009 1208
2-Hexanone	100	80		1	80	20	54-137	20	11/18/2009 1208
Isopropylbenzene	50	41		1	82	2.0	50-136	20	11/18/2009 1208
Methyl acetate	50	49	+	1	98	25	59-137	20	11/18/2009 1208
Methyl tertiary butyl ether (MTBE)	50	47		1	94	10	72-122	20	11/18/2009 1208
4-Methyl-2-pentanone	100	85		1	85	18	60-134	20	11/18/2009 1208
Methylcyclohexane	50	44		1	88	1.2	41-144	20	11/18/2009 1208
Methylene chloride	50	45		1	89	5.7	77-129	20	11/18/2009 1208
Styrene	50	44		1	89	4.7	54-136	20	11/18/2009 1208
1,1,2,2-Tetrachloroethane	50	38		1	75	15	69-132	20	11/18/2009 1208
Tetrachloroethene	50	41		1	82	3.5	70-130	20	11/18/2009 1208
Toluene	50	45		1	91	2.7	61-129	20	11/18/2009 1208
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	43		1	86	2.0	49-136	20	11/18/2009 1208
1,2,4-Trichlorobenzene	50	35		1	71	1.2	34-145	20	11/18/2009 1208
1,1,2-Trichloroethane	50	41		1	81	10	55-128	20	11/18/2009 1208
1,1,1-Trichloroethane	50	46		1	93	4.3	63-128	20	11/18/2009 1208

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ22080-003
Batch: 22080
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	44		1	88	4.7	62-126	20	11/18/2009 1208
Trichlorofluoromethane	50	50		1	99	4.4	45-138	20	11/18/2009 1208
Vinyl chloride	50	53		1	106	3.3	42-132	20	11/18/2009 1208
Xylenes (total)	100	86		1	86	3.7	58-128	20	11/18/2009 1208

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		78	47-138
1,2-Dichloroethane-d4		71	53-142
Toluene-d8		79	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: KQ21368-001
Batch: 21368
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/11/2009 1404

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,1'-Biphenyl	ND		1	67	10	ug/kg	11/12/2009 1952
2,4,5-Trichlorophenol	ND		1	67	9.3	ug/kg	11/12/2009 1952
2,4,6-Trichlorophenol	ND		1	67	9.8	ug/kg	11/12/2009 1952
2,4-Dichlorophenol	ND		1	67	10	ug/kg	11/12/2009 1952
2,4-Dimethylphenol	ND		1	67	12	ug/kg	11/12/2009 1952
2,4-Dinitrophenol	ND		1	330	110	ug/kg	11/12/2009 1952
2,4-Dinitrotoluene	ND		1	130	18	ug/kg	11/12/2009 1952
2,6-Dinitrotoluene	ND		1	130	17	ug/kg	11/12/2009 1952
2-Chloronaphthalene	ND		1	67	11	ug/kg	11/12/2009 1952
2-Chlorophenol	ND		1	67	9.2	ug/kg	11/12/2009 1952
2-Methylnaphthalene	ND		1	67	9.9	ug/kg	11/12/2009 1952
2-Methylphenol	ND		1	67	6.0	ug/kg	11/12/2009 1952
2-Nitroaniline	ND		1	130	23	ug/kg	11/12/2009 1952
2-Nitrophenol	ND		1	130	18	ug/kg	11/12/2009 1952
3 & 4-Methylphenol	ND		1	130	12	ug/kg	11/12/2009 1952
3,3'-Dichlorobenzidine	ND		1	330	36	ug/kg	11/12/2009 1952
3-Nitroaniline	ND		1	130	39	ug/kg	11/12/2009 1952
4,6-Dinitro-2-methylphenol	ND		1	330	130	ug/kg	11/12/2009 1952
4-Bromophenyl phenyl ether	ND		1	67	9.8	ug/kg	11/12/2009 1952
4-Chloro-3-methyl phenol	ND		1	67	8.4	ug/kg	11/12/2009 1952
4-Chloroaniline	ND		1	67	6.8	ug/kg	11/12/2009 1952
4-Chlorophenyl phenyl ether	ND		1	67	11	ug/kg	11/12/2009 1952
4-Nitroaniline	ND		1	130	19	ug/kg	11/12/2009 1952
4-Nitrophenol	ND		1	330	96	ug/kg	11/12/2009 1952
Acenaphthene	ND		1	67	11	ug/kg	11/12/2009 1952
Acenaphthylene	ND		1	67	10	ug/kg	11/12/2009 1952
Acetophenone	ND		1	67	18	ug/kg	11/12/2009 1952
Anthracene	ND		1	67	7.4	ug/kg	11/12/2009 1952
Atrazine	ND		1	67	17	ug/kg	11/12/2009 1952
Benzaldehyde	ND		1	67	17	ug/kg	11/12/2009 1952
Benzo(a)anthracene	ND		1	67	8.8	ug/kg	11/12/2009 1952
Benzo(a)pyrene	ND		1	67	9.3	ug/kg	11/12/2009 1952
Benzo(b)fluoranthene	ND		1	67	9.6	ug/kg	11/12/2009 1952
Benzo(g,h,i)perylene	ND		1	67	12	ug/kg	11/12/2009 1952
Benzo(k)fluoranthene	ND		1	67	9.5	ug/kg	11/12/2009 1952
bis(2-Chloroethoxy)methane	ND		1	67	10	ug/kg	11/12/2009 1952
bis(2-Chloroethyl)ether	ND		1	67	9.2	ug/kg	11/12/2009 1952
bis(2-Chloroisopropyl)ether	ND		1	67	11	ug/kg	11/12/2009 1952
bis(2-Ethylhexyl)phthalate	ND		1	67	22	ug/kg	11/12/2009 1952
Butyl benzyl phthalate	ND		1	130	44	ug/kg	11/12/2009 1952
Caprolactam	ND		1	67	17	ug/kg	11/12/2009 1952
Carbazole	ND		1	67	14	ug/kg	11/12/2009 1952
Chrysene	ND		1	67	11	ug/kg	11/12/2009 1952
Di-n-butyl phthalate	ND		1	67	22	ug/kg	11/12/2009 1952

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: KQ21368-001
Batch: 21368
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/11/2009 1404

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Di-n-octylphthalate	ND		1	67	32	ug/kg	11/12/2009 1952
Dibenzo(a,h)anthracene	ND		1	67	9.1	ug/kg	11/12/2009 1952
Dibenzofuran	ND		1	67	10	ug/kg	11/12/2009 1952
Diethylphthalate	ND		1	67	22	ug/kg	11/12/2009 1952
Dimethyl phthalate	ND		1	67	22	ug/kg	11/12/2009 1952
Fluoranthene	ND		1	67	11	ug/kg	11/12/2009 1952
Fluorene	ND		1	67	9.0	ug/kg	11/12/2009 1952
Hexachlorobenzene	ND		1	67	15	ug/kg	11/12/2009 1952
Hexachlorobutadiene	ND		1	67	11	ug/kg	11/12/2009 1952
Hexachlorocyclopentadiene	ND		1	330	25	ug/kg	11/12/2009 1952
Hexachloroethane	ND		1	67	8.9	ug/kg	11/12/2009 1952
Indeno(1,2,3-c,d)pyrene	ND		1	67	9.7	ug/kg	11/12/2009 1952
Isophorone	ND		1	67	7.4	ug/kg	11/12/2009 1952
N-Nitrosodi-n-propylamine	ND		1	67	13	ug/kg	11/12/2009 1952
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	67	8.3	ug/kg	11/12/2009 1952
Naphthalene	ND		1	67	10	ug/kg	11/12/2009 1952
Nitrobenzene	ND		1	67	5.4	ug/kg	11/12/2009 1952
Pentachlorophenol	ND		1	330	140	ug/kg	11/12/2009 1952
Phenanthrene	ND		1	67	9.0	ug/kg	11/12/2009 1952
Phenol	ND		1	67	9.1	ug/kg	11/12/2009 1952
Pyrene	ND		1	67	13	ug/kg	11/12/2009 1952

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		53	30-117
2-Fluorobiphenyl		53	33-102
2-Fluorophenol		53	28-104
Nitrobenzene-d5		52	22-109
Phenol-d5		56	27-103
Terphenyl-d14		72	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21368-002
Batch: 21368
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/11/2009 1404

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-Trichlorophenol	1300	990		1	74	30-130	11/12/2009 2011
2,4,6-Trichlorophenol	1300	900		1	67	30-130	11/12/2009 2011
2,4-Dichlorophenol	1300	880		1	66	30-130	11/12/2009 2011
2,4-Dimethylphenol	1300	880		1	66	30-130	11/12/2009 2011
2,4-Dinitrophenol	6700	4900		1	74	30-130	11/12/2009 2011
2,4-Dinitrotoluene	2700	2200		1	83	30-130	11/12/2009 2011
2,6-Dinitrotoluene	2700	2100		1	79	30-130	11/12/2009 2011
2-Chloronaphthalene	1300	870		1	66	30-130	11/12/2009 2011
2-Chlorophenol	1300	770		1	58	30-130	11/12/2009 2011
2-Methylnaphthalene	1300	820		1	61	30-130	11/12/2009 2011
2-Methylphenol	1300	1200		1	87	30-130	11/12/2009 2011
2-Nitroaniline	2700	2000		1	76	30-130	11/12/2009 2011
2-Nitrophenol	2700	1600		1	61	30-130	11/12/2009 2011
3 & 4-Methylphenol	2700	1700		1	64	30-130	11/12/2009 2011
3-Nitroaniline	2700	1900		1	70	30-130	11/12/2009 2011
4,6-Dinitro-2-methylphenol	6700	5700		1	85	30-130	11/12/2009 2011
4-Bromophenyl phenyl ether	1300	1100		1	79	30-130	11/12/2009 2011
4-Chloro-3-methyl phenol	1300	990		1	74	30-130	11/12/2009 2011
4-Chloroaniline	1300	450		1	34	10-130	11/12/2009 2011
4-Chlorophenyl phenyl ether	1300	1000		1	76	30-130	11/12/2009 2011
4-Nitroaniline	2700	2200		1	84	30-130	11/12/2009 2011
4-Nitrophenol	6700	4700		1	71	30-130	11/12/2009 2011
Acenaphthene	1300	960		1	72	30-130	11/12/2009 2011
Acenaphthylene	1300	870		1	65	30-130	11/12/2009 2011
Anthracene	1300	1100		1	81	30-130	11/12/2009 2011
Benzo(a)anthracene	1300	1100		1	81	30-130	11/12/2009 2011
Benzo(a)pyrene	1300	1400		1	105	30-130	11/12/2009 2011
Benzo(b)fluoranthene	1300	1200		1	90	30-130	11/12/2009 2011
Benzo(g,h,i)perylene	1300	1100		1	80	30-130	11/12/2009 2011
Benzo(k)fluoranthene	1300	1300		1	96	30-130	11/12/2009 2011
bis(2-Chloroethoxy)methane	1300	820		1	61	30-130	11/12/2009 2011
bis(2-Chloroethyl)ether	1300	710		1	53	30-130	11/12/2009 2011
bis(2-Chloroisopropyl)ether	1300	720		1	54	30-130	11/12/2009 2011
bis(2-Ethylhexyl)phthalate	1300	1200		1	93	30-130	11/12/2009 2011
Butyl benzyl phthalate	1300	1200		1	93	30-130	11/12/2009 2011
Carbazole	1300	1200		1	88	30-130	11/12/2009 2011
Chrysene	1300	1200		1	89	30-130	11/12/2009 2011
Di-n-butyl phthalate	1300	1200		1	88	30-130	11/12/2009 2011
Di-n-octylphthalate	1300	1500		1	109	30-130	11/12/2009 2011
Dibenzo(a,h)anthracene	1300	1100		1	82	30-130	11/12/2009 2011
Dibenzofuran	1300	960		1	72	30-130	11/12/2009 2011
Diethylphthalate	1300	1100		1	84	30-130	11/12/2009 2011
Dimethyl phthalate	1300	1000		1	77	30-130	11/12/2009 2011
Fluoranthene	1300	1100		1	84	30-130	11/12/2009 2011

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21368-002
Batch: 21368
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/11/2009 1404

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Fluorene	1300	1000		1	77	30-130	11/12/2009 2011
Hexachlorobenzene	1300	1100		1	80	30-130	11/12/2009 2011
Hexachlorobutadiene	1300	750		1	56	30-130	11/12/2009 2011
Hexachlorocyclopentadiene	6700	3800		1	57	30-130	11/12/2009 2011
Hexachloroethane	1300	710		1	53	30-130	11/12/2009 2011
Indeno(1,2,3-c,d)pyrene	1300	1100		1	83	30-130	11/12/2009 2011
N-Nitrosodiphenylamine (Diphenylamine)	1300	1100		1	83	30-130	11/12/2009 2011
Naphthalene	1300	760		1	57	30-130	11/12/2009 2011
Nitrobenzene	1300	830		1	62	30-130	11/12/2009 2011
Pentachlorophenol	6700	5200		1	78	30-130	11/12/2009 2011
Phenanthrene	1300	1100		1	81	30-130	11/12/2009 2011
Phenol	1300	810		1	61	30-130	11/12/2009 2011
Pyrene	1300	1200		1	87	30-130	11/12/2009 2011

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		87	30-117
2-Fluorobiphenyl		67	33-102
2-Fluorophenol		60	28-104
Nitrobenzene-d5		63	22-109
Phenol-d5		65	27-103
Terphenyl-d14		81	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: KK07010-003MS
Batch: 21368
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/11/2009 1404

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	1600	930		1	57	30-130	11/25/2009 1511
Acenaphthylene	ND	1600	890		1	55	30-130	11/25/2009 1511
Anthracene	ND	1600	1100		1	69	30-130	11/25/2009 1511
Benzo(a)anthracene	ND	1600	1200		1	71	30-130	11/25/2009 1511
Benzo(a)pyrene	ND	1600	1500		1	91	30-130	11/25/2009 1511
Benzo(b)fluoranthene	ND	1600	1100		1	70	30-130	11/25/2009 1511
Benzo(g,h,i)perylene	ND	1600	1300		1	77	30-130	11/25/2009 1511
Benzo(k)fluoranthene	ND	1600	1300		1	77	30-130	11/25/2009 1511
4-Bromophenyl phenyl ether	ND	1600	1100		1	68	30-130	11/25/2009 1511
Butyl benzyl phthalate	ND	1600	1300		1	80	30-130	11/25/2009 1511
Carbazole	ND	1600	1200		1	76	30-130	11/25/2009 1511
4-Chloro-3-methyl phenol	ND	1600	1000		1	62	30-130	11/25/2009 1511
4-Chloroaniline	ND	1600	410		1	25	10-130	11/25/2009 1511
bis(2-Chloroethoxy)methane	ND	1600	800		1	49	30-130	11/25/2009 1511
bis(2-Chloroethyl)ether	ND	1600	690		1	42	30-130	11/25/2009 1511
bis(2-Chloroisopropyl)ether	ND	1600	690		1	42	30-130	11/25/2009 1511
2-Chloronaphthalene	ND	1600	830		1	51	30-130	11/25/2009 1511
2-Chlorophenol	ND	1600	770		1	47	30-130	11/25/2009 1511
4-Chlorophenyl phenyl ether	ND	1600	1000		1	63	30-130	11/25/2009 1511
Chrysene	ND	1600	1200		1	75	30-130	11/25/2009 1511
Dibenzo(a,h)anthracene	ND	1600	1200		1	75	30-130	11/25/2009 1511
Dibenzofuran	ND	1600	950		1	58	30-130	11/25/2009 1511
2,4-Dichlorophenol	ND	1600	870		1	53	30-130	11/25/2009 1511
Diethylphthalate	ND	1600	1200		1	71	30-130	11/25/2009 1511
Dimethyl phthalate	ND	1600	1100		1	67	30-130	11/25/2009 1511
2,4-Dimethylphenol	ND	1600	830		1	51	30-130	11/25/2009 1511
Di-n-butyl phthalate	ND	1600	1300		1	82	30-130	11/25/2009 1511
4,6-Dinitro-2-methylphenol	ND	8200	5900		1	72	30-130	11/25/2009 1511
2,4-Dinitrophenol	ND	8200	4100		1	51	30-130	11/25/2009 1511
2,4-Dinitrotoluene	ND	3300	2400		1	72	30-130	11/25/2009 1511
2,6-Dinitrotoluene	ND	3300	2200		1	68	30-130	11/25/2009 1511
Di-n-octylphthalate	ND	1600	1200		1	75	30-130	11/25/2009 1511
bis(2-Ethylhexyl)phthalate	ND	1600	1300		1	82	30-130	11/25/2009 1511
Fluoranthene	ND	1600	1200		1	74	30-130	11/25/2009 1511
Fluorene	ND	1600	1000		1	63	30-130	11/25/2009 1511
Hexachlorobenzene	ND	1600	1100		1	67	30-130	11/25/2009 1511
Hexachlorobutadiene	ND	1600	700		1	43	30-130	11/25/2009 1511
Hexachlorocyclopentadiene	ND	8200	3300		1	40	30-130	11/25/2009 1511
Hexachloroethane	ND	1600	660		1	40	30-130	11/25/2009 1511
Indeno(1,2,3-c,d)pyrene	ND	1600	1300		1	77	30-130	11/25/2009 1511
2-Methylnaphthalene	ND	1600	770		1	47	30-130	11/25/2009 1511
2-Methylphenol	ND	1600	1100		1	67	30-130	11/25/2009 1511
3 & 4-Methylphenol	ND	3300	1600		1	48	30-130	11/25/2009 1511
Naphthalene	ND	1600	730		1	44	30-130	11/25/2009 1511

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: KK07010-003MS
Batch: 21368
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/11/2009 1404

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2-Nitroaniline	ND	3300	2200		1	66	30-130	11/25/2009 1511
3-Nitroaniline	ND	3300	2100		1	63	30-130	11/25/2009 1511
4-Nitroaniline	ND	3300	2300		1	71	30-130	11/25/2009 1511
Nitrobenzene	ND	1600	760		1	47	30-130	11/25/2009 1511
2-Nitrophenol	ND	3300	1500		1	46	30-130	11/25/2009 1511
4-Nitrophenol	ND	8200	5400		1	66	30-130	11/25/2009 1511
N-Nitrosodiphenylamine (Diphenylamine)	ND	1600	1200		1	73	30-130	11/25/2009 1511
Pentachlorophenol	ND	8200	5500		1	67	30-130	11/25/2009 1511
Phenanthrene	ND	1600	1100		1	68	30-130	11/25/2009 1511
Phenol	ND	1600	810		1	49	30-130	11/25/2009 1511
Pyrene	ND	1600	1200		1	72	30-130	11/25/2009 1511
2,4,5-Trichlorophenol	ND	1600	1100		1	65	30-130	11/25/2009 1511
2,4,6-Trichlorophenol	ND	1600	950		1	58	30-130	11/25/2009 1511

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		52	33-102
2-Fluorophenol		49	28-104
Nitrobenzene-d5		49	22-109
Phenol-d5		54	27-103
Terphenyl-d14		66	41-120
2,4,6-Tribromophenol		77	30-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: KK07010-003MD
Batch: 21368
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/11/2009 1404

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	1600	1100		1	67	17	30-130	20	11/25/2009 1531
Acenaphthylene	ND	1600	1000		1	63	14	30-130	20	11/25/2009 1531
Anthracene	ND	1600	1300		1	82	19	30-130	20	11/25/2009 1531
Benzo(a)anthracene	ND	1600	1400		1	85	17	30-130	20	11/25/2009 1531
Benzo(a)pyrene	ND	1600	1800		1	107	16	30-130	20	11/25/2009 1531
Benzo(b)fluoranthene	ND	1600	1300		1	81	14	30-130	20	11/25/2009 1531
Benzo(g,h,i)perylene	ND	1600	1400		1	87	11	30-130	20	11/25/2009 1531
Benzo(k)fluoranthene	ND	1600	1500		1	94	19	30-130	20	11/25/2009 1531
4-Bromophenyl phenyl ether	ND	1600	1300		1	81	18	30-130	20	11/25/2009 1531
Butyl benzyl phthalate	ND	1600	1600		1	95	17	30-130	20	11/25/2009 1531
Carbazole	ND	1600	1400		1	88	14	30-130	20	11/25/2009 1531
4-Chloro-3-methyl phenol	ND	1600	1200		1	72	15	30-130	20	11/25/2009 1531
4-Chloroaniline	ND	1600	510		1	31	22	10-130	40	11/25/2009 1531
bis(2-Chloroethoxy)methane	ND	1600	910		1	55	13	30-130	20	11/25/2009 1531
bis(2-Chloroethyl)ether	ND	1600	790		1	48	13	30-130	20	11/25/2009 1531
bis(2-Chloroisopropyl)ether	ND	1600	770		1	47	11	30-130	20	11/25/2009 1531
2-Chloronaphthalene	ND	1600	970		1	59	15	30-130	20	11/25/2009 1531
2-Chlorophenol	ND	1600	870		1	53	12	30-130	20	11/25/2009 1531
4-Chlorophenyl phenyl ether	ND	1600	1200		1	74	16	30-130	20	11/25/2009 1531
Chrysene	ND	1600	1400		1	86	14	30-130	20	11/25/2009 1531
Dibenzo(a,h)anthracene	ND	1600	1400		1	87	15	30-130	20	11/25/2009 1531
Dibenzofuran	ND	1600	1100		1	69	17	30-130	20	11/25/2009 1531
2,4-Dichlorophenol	ND	1600	1000		1	62	15	30-130	20	11/25/2009 1531
Diethylphthalate	ND	1600	1300		1	80	12	30-130	20	11/25/2009 1531
Dimethyl phthalate	ND	1600	1300		1	77	13	30-130	20	11/25/2009 1531
2,4-Dimethylphenol	ND	1600	950		1	58	14	30-130	20	11/25/2009 1531
Di-n-butyl phthalate	ND	1600	1500		1	94	13	30-130	20	11/25/2009 1531
4,6-Dinitro-2-methylphenol	ND	8200	6400		1	78	8.7	30-130	20	11/25/2009 1531
2,4-Dinitrophenol	ND	8200	4000		1	49	3.3	30-130	20	11/25/2009 1531
2,4-Dinitrotoluene	ND	3300	2600		1	79	9.0	30-130	20	11/25/2009 1531
2,6-Dinitrotoluene	ND	3300	2600		1	78	14	30-130	20	11/25/2009 1531
Di-n-octylphthalate	ND	1600	1400		1	87	14	30-130	20	11/25/2009 1531
bis(2-Ethylhexyl)phthalate	ND	1600	1600		1	96	16	30-130	20	11/25/2009 1531
Fluoranthene	ND	1600	1400		1	86	15	30-130	20	11/25/2009 1531
Fluorene	ND	1600	1200		1	74	16	30-130	20	11/25/2009 1531
Hexachlorobenzene	ND	1600	1300		1	80	18	30-130	20	11/25/2009 1531
Hexachlorobutadiene	ND	1600	800		1	49	13	30-130	20	11/25/2009 1531
Hexachlorocyclopentadiene	ND	8200	4000		1	48	18	30-130	20	11/25/2009 1531
Hexachloroethane	ND	1600	750		1	46	13	30-130	20	11/25/2009 1531
Indeno(1,2,3-c,d)pyrene	ND	1600	1500		1	89	14	30-130	20	11/25/2009 1531
2-Methylnaphthalene	ND	1600	860		1	53	11	30-130	20	11/25/2009 1531
2-Methylphenol	ND	1600	1100		1	69	3.3	30-130	20	11/25/2009 1531
3 & 4-Methylphenol	ND	3300	1800		1	55	14	30-130	20	11/25/2009 1531
Naphthalene	ND	1600	810		1	49	11	30-130	20	11/25/2009 1531

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: KK07010-003MD
Batch: 21368
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/11/2009 1404

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
2-Nitroaniline	ND	3300	2500		1	77	16	30-130	20	11/25/2009 1531
3-Nitroaniline	ND	3300	2300		1	72	13	30-130	20	11/25/2009 1531
4-Nitroaniline	ND	3300	2600		1	78	9.8	30-130	20	11/25/2009 1531
Nitrobenzene	ND	1600	850		1	52	11	30-130	20	11/25/2009 1531
2-Nitrophenol	ND	3300	1700		1	52	13	30-130	20	11/25/2009 1531
4-Nitrophenol	ND	8200	6100		1	74	12	30-130	20	11/25/2009 1531
N-Nitrosodiphenylamine (Diphenylamine)	ND	1600	1400		1	85	16	30-130	20	11/25/2009 1531
Pentachlorophenol	ND	8200	6500		1	79	16	30-130	20	11/25/2009 1531
Phenanthrene	ND	1600	1300		1	81	17	30-130	20	11/25/2009 1531
Phenol	ND	1600	960		1	59	17	30-130	20	11/25/2009 1531
Pyrene	ND	1600	1400		1	86	18	30-130	20	11/25/2009 1531
2,4,5-Trichlorophenol	ND	1600	1300		1	80	20	30-130	20	11/25/2009 1531
2,4,6-Trichlorophenol	ND	1600	1100		1	70	19	30-130	20	11/25/2009 1531

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		56	33-102
2-Fluorophenol		58	28-104
Nitrobenzene-d5		50	22-109
Phenol-d5		59	27-103
Terphenyl-d14		72	41-120
2,4,6-Tribromophenol		85	30-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Pesticides - MB

Sample ID: KQ21616-001
Batch: 21616
Analytical Method: 8081B

Matrix: Solid
Prep Method: 1311/3520C
Prep Date: 11/13/2009 6
Leachate Date: 11/10/2009 1555

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Chlordane	0.00	J	1	0.0025	0.00	mg/L	11/17/2009 2229
Endrin	0.00	J	1	0.00050	0.00	mg/L	11/17/2009 2229
gamma-BHC (Lindane)	0.00	J	1	0.00050	0.00	mg/L	11/17/2009 2229
Heptachlor	0.00	J	1	0.00050	0.00	mg/L	11/17/2009 2229
Heptachlor epoxide	0.00	J	1	0.00050	0.00	mg/L	11/17/2009 2229
Methoxychlor	0.00	J	1	0.0020	0.00	mg/L	11/17/2009 2229
Toxaphene	0.00	J	1	0.0050	0.00	mg/L	11/17/2009 2229

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		90	49-124
Tetrachloro-m-xylene		90	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Pesticides - LCS

Sample ID: KQ21616-002
Batch: 21616
Analytical Method: 8081B

Matrix: Solid
Prep Method: 1311/3520C
Prep Date: 11/13/2009 6
Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Endrin	0.0080	0.010		1	129	70-130	11/17/2009 2244
gamma-BHC (Lindane)	0.0080	0.0097		1	121	70-130	11/17/2009 2244
Heptachlor	0.0080	0.0091		1	114	70-130	11/17/2009 2244
Heptachlor epoxide	0.0080	0.0087		1	109	70-130	11/17/2009 2244
Methoxychlor	0.0080	0.0088		1	110	70-130	11/17/2009 2244

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		82	49-124
Tetrachloro-m-xylene		86	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: KQ21759-001
Batch: 21759
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/16/2009 1109

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	1.7	0.25	ug/kg	11/17/2009 1507
4,4'-DDE	ND		1	1.7	0.32	ug/kg	11/17/2009 1507
4,4'-DDT	ND		1	1.7	0.28	ug/kg	11/17/2009 1507
Aldrin	ND		1	1.7	0.34	ug/kg	11/17/2009 1507
alpha-BHC	ND		1	1.7	0.39	ug/kg	11/17/2009 1507
alpha-Chlordane	ND		1	1.7	0.29	ug/kg	11/17/2009 1507
beta-BHC	ND		1	1.7	0.30	ug/kg	11/17/2009 1507
delta-BHC	ND		1	1.7	0.32	ug/kg	11/17/2009 1507
Dieldrin	ND		1	1.7	0.33	ug/kg	11/17/2009 1507
Endosulfan I	ND		1	1.7	0.34	ug/kg	11/17/2009 1507
Endosulfan II	ND		1	1.7	0.25	ug/kg	11/17/2009 1507
Endosulfan sulfate	ND		1	1.7	0.23	ug/kg	11/17/2009 1507
Endrin	ND		1	1.7	0.33	ug/kg	11/17/2009 1507
Endrin aldehyde	ND		1	1.7	0.30	ug/kg	11/17/2009 1507
Endrin ketone	ND		1	1.7	0.22	ug/kg	11/17/2009 1507
gamma-BHC (Lindane)	ND		1	1.7	0.36	ug/kg	11/17/2009 1507
gamma-Chlordane	ND		1	1.7	0.24	ug/kg	11/17/2009 1507
Heptachlor	ND		1	1.7	0.39	ug/kg	11/17/2009 1507
Heptachlor epoxide	ND		1	1.7	0.31	ug/kg	11/17/2009 1507
Methoxychlor	ND		1	6.7	1.3	ug/kg	11/17/2009 1507
Toxaphene	ND		1	83	9.1	ug/kg	11/17/2009 1507

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		100	58-123
Tetrachloro-m-xylene		89	51-103

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: KQ21759-002
Batch: 21759
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/16/2009 1109

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	17	20		1	116	50-130	11/17/2009 1523
4,4'-DDE	17	17		1	98	50-130	11/17/2009 1523
4,4'-DDT	17	20		1	115	50-130	11/17/2009 1523
Aldrin	17	17		1	99	50-130	11/17/2009 1523
alpha-BHC	17	19		1	115	50-130	11/17/2009 1523
alpha-Chlordane	17	17		1	97	50-130	11/17/2009 1523
beta-BHC	17	18		1	103	50-130	11/17/2009 1523
delta-BHC	17	20		1	117	50-130	11/17/2009 1523
Dieldrin	17	18		1	105	50-130	11/17/2009 1523
Endosulfan I	17	17		1	101	50-130	11/17/2009 1523
Endosulfan II	17	19		1	113	50-130	11/17/2009 1523
Endosulfan sulfate	17	18		1	104	50-130	11/17/2009 1523
Endrin	17	19		1	111	50-130	11/17/2009 1523
Endrin aldehyde	17	17		1	103	50-130	11/17/2009 1523
Endrin ketone	17	20		1	119	50-130	11/17/2009 1523
gamma-BHC (Lindane)	17	21		1	121	50-130	11/17/2009 1523
gamma-Chlordane	17	17		1	100	50-130	11/17/2009 1523
Heptachlor	17	18		1	106	50-130	11/17/2009 1523
Heptachlor epoxide	17	18		1	106	50-130	11/17/2009 1523
Methoxychlor	17	16		1	96	50-130	11/17/2009 1523

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		106	58-123
Tetrachloro-m-xylene		94	51-103

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MS

Sample ID: KK07010-006MS
Batch: 21759
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/16/2009 1109

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aldrin	ND	18	14		1	76	50-130	11/18/2009 1802
alpha-BHC	ND	18	15		1	85	50-130	11/18/2009 1802
beta-BHC	ND	18	14		1	80	50-130	11/18/2009 1802
delta-BHC	ND	18	16		1	88	50-130	11/18/2009 1802
gamma-BHC (Lindane)	ND	18	16		1	90	50-130	11/18/2009 1802
alpha-Chlordane	ND	18	14		1	79	50-130	11/18/2009 1802
gamma-Chlordane	ND	18	15		1	83	50-130	11/18/2009 1802
4,4'-DDD	ND	18	17		1	97	50-130	11/18/2009 1802
4,4'-DDE	ND	18	14		1	81	50-130	11/18/2009 1802
4,4'-DDT	ND	18	18		1	100	50-130	11/18/2009 1802
Dieldrin	ND	18	16		1	89	50-130	11/18/2009 1802
Endosulfan I	ND	18	15		1	82	50-130	11/18/2009 1802
Endosulfan II	ND	18	17		1	94	50-130	11/18/2009 1802
Endosulfan sulfate	ND	18	15		1	85	50-130	11/18/2009 1802
Endrin	ND	18	17		1	94	50-130	11/18/2009 1802
Endrin aldehyde	ND	18	15		1	83	50-130	11/18/2009 1802
Endrin ketone	ND	18	15		1	83	50-130	11/18/2009 1802
Heptachlor	ND	18	15		1	82	50-130	11/18/2009 1802
Heptachlor epoxide	ND	18	15		1	85	50-130	11/18/2009 1802
Methoxychlor	ND	18	16		1	88	50-130	11/18/2009 1802

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		92	58-123
Tetrachloro-m-xylene		65	51-103

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MSD

Sample ID: KK07010-006MD
Batch: 21759
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/16/2009 1109

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aldrin	ND	18	16		1	89	17	50-130	30	11/18/2009 1817
alpha-BHC	ND	18	18		1	101	18	50-130	30	11/18/2009 1817
beta-BHC	ND	18	17		1	94	17	50-130	30	11/18/2009 1817
delta-BHC	ND	18	19		1	104	17	50-130	30	11/18/2009 1817
gamma-BHC (Lindane)	ND	18	19		1	108	18	50-130	30	11/18/2009 1817
alpha-Chlordane	ND	18	17		1	92	15	50-130	30	11/18/2009 1817
gamma-Chlordane	ND	18	17		1	95	15	50-130	30	11/18/2009 1817
4,4'-DDD	ND	18	20		1	112	15	50-130	30	11/18/2009 1817
4,4'-DDE	ND	18	17		1	93	15	50-130	30	11/18/2009 1817
4,4'-DDT	ND	18	21		1	116	16	50-130	30	11/18/2009 1817
Dieldrin	ND	18	19		1	105	18	50-130	30	11/18/2009 1817
Endosulfan I	ND	18	17		1	95	15	50-130	30	11/18/2009 1817
Endosulfan II	ND	18	20		1	109	16	50-130	30	11/18/2009 1817
Endosulfan sulfate	ND	18	18		1	99	17	50-130	30	11/18/2009 1817
Endrin	ND	18	20		1	109	15	50-130	30	11/18/2009 1817
Endrin aldehyde	ND	18	18	+	1	100	200	50-130	30	11/18/2009 1817
Endrin ketone	ND	18	17		1	96	15	50-130	30	11/18/2009 1817
Heptachlor	ND	18	18		1	99	19	50-130	30	11/18/2009 1817
Heptachlor epoxide	ND	18	18		1	99	16	50-130	30	11/18/2009 1817
Methoxychlor	ND	18	19		1	104	18	50-130	30	11/18/2009 1817

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		103	58-123
Tetrachloro-m-xylene		79	51-103

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MB

Sample ID: KQ21329-001
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		1	0.50	0.19	mg/kg	11/12/2009 1654
Barium	ND		1	1.3	0.091	mg/kg	11/12/2009 1654
Cadmium	ND		1	0.10	0.011	mg/kg	11/12/2009 1654
Lead	ND		1	0.50	0.093	mg/kg	11/12/2009 1654
Selenium	ND		1	0.50	0.17	mg/kg	11/12/2009 1654
Silver	ND		1	0.25	0.042	mg/kg	11/12/2009 1654

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCS

Sample ID: KQ21329-002
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	250	260		1	106	80-120	11/12/2009 1700
Barium	500	500		1	100	80-120	11/12/2009 1700
Cadmium	50	51		1	102	80-120	11/12/2009 1700
Lead	250	260		1	106	80-120	11/12/2009 1700
Selenium	50	52		1	105	80-120	11/12/2009 1700
Silver	250	270		1	107	80-120	11/12/2009 1700

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCSD

Sample ID: KQ21329-003
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	250	270		1	107	1.6	80-120	20	11/12/2009 1706
Barium	500	510		1	102	2.2	80-120	20	11/12/2009 1706
Cadmium	50	52		1	104	1.7	80-120	20	11/12/2009 1706
Lead	250	270		1	106	0.77	80-120	20	11/12/2009 1706
Selenium	50	52		1	105	0.14	80-120	20	11/12/2009 1706
Silver	250	270		1	109	1.9	80-120	20	11/12/2009 1706

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

ICP-AES - MB

Sample ID: KQ21329-001
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Chromium	ND		1	0.25	0.051	mg/kg	11/12/2009 1654

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

ICP-AES - LCS

Sample ID: KQ21329-002
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chromium	250	230		1	93	80-120	11/12/2009 1700

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

ICP-AES - LCSD

Sample ID: KQ21329-003
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Chromium	250	240		1	95	1.9	80-120	20	11/12/2009 1706

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - MB

Sample ID: KQ21486-001
Batch: 21486
Analytical Method: 6010C

Matrix: Solid
Prep Method: 1311/3010A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		10	0.10	0.023	mg/L	11/12/2009 1822
Barium	ND		10	0.25	0.023	mg/L	11/12/2009 1822
Cadmium	ND		10	0.020	0.0030	mg/L	11/12/2009 1822
Chromium	ND		10	0.050	0.014	mg/L	11/12/2009 1822
Lead	ND		10	0.10	0.017	mg/L	11/12/2009 1822
Selenium	ND		10	0.10	0.032	mg/L	11/12/2009 1822
Silver	ND		10	0.050	0.0090	mg/L	11/12/2009 1822

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCS

Sample ID: KQ21486-002
Batch: 21486
Analytical Method: 6010C

Matrix: Solid
Prep Method: 1311/3010A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	5.0	5.0		10	101	80-120	11/12/2009 1826
Barium	10	11		10	113	80-120	11/12/2009 1826
Cadmium	1.0	1.1		10	109	80-120	11/12/2009 1826
Chromium	5.0	5.3		10	105	80-120	11/12/2009 1826
Lead	5.0	5.4		10	107	80-120	11/12/2009 1826
Selenium	1.0	1.1		10	107	80-120	11/12/2009 1826
Silver	5.0	5.3		10	106	80-120	11/12/2009 1826

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCSD

Sample ID: KQ21486-003
Batch: 21486
Analytical Method: 6010C

Matrix: Solid
Prep Method: 1311/3010A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	5.0	5.1		10	101	0.79	80-120	20	11/12/2009 1830
Barium	10	11		10	110	2.9	80-120	20	11/12/2009 1830
Cadmium	1.0	1.1		10	109	0.15	80-120	20	11/12/2009 1830
Chromium	5.0	5.2		10	104	1.4	80-120	20	11/12/2009 1830
Lead	5.0	5.3		10	106	1.6	80-120	20	11/12/2009 1830
Selenium	1.0	1.0		10	102	5.3	80-120	20	11/12/2009 1830
Silver	5.0	5.4		10	108	2.0	80-120	20	11/12/2009 1830

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MB

Sample ID: KQ21345-001
Batch: 21345
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/10/2009 2040

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.083	0.0059	mg/kg	11/10/2009 2144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCS

Sample ID: KQ21345-002
Batch: 21345
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/10/2009 2040

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.83	0.86		1	103	85-115	11/10/2009 2146

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCSD

Sample ID: KQ21345-003
Batch: 21345
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/10/2009 2040

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.83	0.87		1	104	0.97	85-115	20	11/10/2009 2148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - MB

Sample ID: KQ21483-001
Batch: 21483
Analytical Method: 7470A

Matrix: Solid
Prep Method: 1311/7470A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.00020	0.000032	mg/L	11/11/2009 2241

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCS

Sample ID: KQ21483-002
Batch: 21483
Analytical Method: 7470A

Matrix: Solid
Prep Method: 1311/7470A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0018		1	91	85-115	11/11/2009 2243

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCSD

Sample ID: KQ21483-003
Batch: 21483
Analytical Method: 7470A

Matrix: Solid
Prep Method: 1311/7470A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0020		1	100	9.4	85-115	20	11/11/2009 2251

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 100487

Client: ARCADIS	Report to Contact: Andrew Davis
Address: 30 Patewood Dr., Suite 155	Sampler's Signature: x Bobby Wolf
City: Greenville; State: SC; Zip Code: 29615	Printed Name: Bobby Wolf
Project Name: Ft. Stewart (HAA01)	
Project No.: GP08HAFS.H01B	P.O. No.:
Telephone No. / Fax No. / E-mail: (864) 987-3900 / (864) 987-1609	Quote No.:
Waybill No.:	Page 1 of 2

Analysis (Attach list if more space is needed.)

Lot No.: KK07010

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Collected Grab/Composite	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnOAc/NaOH	Other	SVOCs	Metals	VOCs	Pest.	Remarks / Cooler I.D.
HA01SB001 (8'-10')	11/3/09	1530	G		X		2							X	X			
HA01SB002 (6'-6.5')		1508	G		X		1							X				
HA01SB003 (8'-10')		1440	G		X		1							X				
HA01SB004 (2'-4')		1417	G		X		1								X			
HA01SB005 (0'-2')		1337	G		X		1								X			
HA01MW9 (1'-2')	11/4/09	1505	G		X		2					1			X	X	X	
HA01MW9 (9'-10')	11/4/09	1640	G		X		1					1			X	X		
HA01MW15 (1'-2')	11/5/09	1055	G		X		2					1			X	X	X	
HA01MW15 (5'-6')	11/5/09	1135	G		X		1					1			X	X		

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify)

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: Bobby Wolf	11/7/09	1027	1. Received by:		
2. Relinquished by:			2. Received by:		
3. Relinquished by:			3. Laboratory received by:	11/7/09	1027

Comments:

LAB USE ONLY: Received on ice (Circle) (Yes) No ice Pack — Receipt Temp. 5.6 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY **Chain of Custody Record**

106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 100320

Client: ARCADIS

Report to Contact: Andrew Davis

Telephone No. / Fax No. / E-mail: (864) 987-3900 / (864) 987-1609

Quote No.:

Address: 30 Patewood Drive, Suite 155

Sampler's Signature: X

Waybill No.:

Page 2 of 2

City: Greenville | State: SC | Zip Code: 29615

Printed Name: Bobby Wolf

Analysis (Attach list if more space is needed.)

Project Name: Ft. Stewart (HAA01)

Project No.: GP08 HAFS. H01B

P.O. No.:

Lot No.: KK07010

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	Ice/Ice Pk	VOCs	Metals	Pest.	TCLP VOC	TCLP Metals, Pest.	pH, equit.					Remarks / Cooler I.D.
HA01 MW16 (1'-2')	11/4/09	1100	G		X		2					1	X	X	X								
HA01 MW16 (10'-11')		1142	G		X		1					1	X	X									
HA01 MW17 (1'-2')		820	G		X		2					1	X	X	X								
HA01 MW17 (6'-7')		845	G		X		1					1	X	X									
H-10 - HAA01		1711	G		X		3									X	X	X					
H-11 - HAA01	11/5/09	855	G		X		3									X	X	X					
Trip Blank				X						2			X										

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited T.A.T.): ☑ Standard ☐ Rush (Specify)

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: Bobby Wolf	11/7/09	1027	1. Received by:		
2. Relinquished by:			2. Received by:		
3. Relinquished by:			3. Laboratory received by:	11/7/09	1027

Comments:

LAB USE ONLY
Received on Ice (Circle): Yes No Ice Pack

Receipt Temp. 5.8 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Page 1 of 1
Replaces Date: 09/22/06
Effective Date: 05/25/07

Sample Receipt Checklist (SRC)

Client: ARCADIS Cooler Inspected by/date: DMP / 11/7/09 Lot #: KK07010

Means of receipt: ☐ SESI ☑ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☑	NA ☐	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 5.6 °C / °C / °C / °C
/ °C / °C / °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☒	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

DMP 11/7/09

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number) _____.

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee: _____ Date of response: _____

Comments: _____

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07010
HAA-01

Analytical data were evaluated in accordance with applicable USEPA SW-846 method requirements, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999), analytical method control criteria, the analytical laboratory Quality Assurance Control Limits, the Fort Stewart Military Reservation and Hunter Army Airfield Quality Assurance Project Plan (ARCADIS-2008), and professional judgment.

The data review summarized in this report includes a review of all sample collection documentation and the electronic data validation of the analytical data housed in the project database. Sample collection documentation included sample collection logs and chains of custody. The electronic data validation was performed utilizing the EQuIS Data Qualification Module (DQM). DQM checks for the following parameters:

- Holding times and preservation;
- Blank contamination;
    1. Method blanks,
    2. Trip blanks,
    3. Equipment blanks;
- Matrix spike and Duplicate sample recovery;
- Matrix Spike and Matrix Spike Duplicate relative percent differences;
- Laboratory Control Sample and Duplicate recovery;
- Laboratory Control Sample and Duplicate relative percent differences;
- Surrogate recovery (organic analyses only); and
- Field duplicate relative percent difference.

Manual review was performed for the following items:

- Sample dilutions and reporting limits;
- Case Narratives; and
- Laboratory Duplicates

Data was generated by Shealy Environmental Services, Inc. – West Columbia, South Carolina. Data qualifiers were applied electronically to the database with any additional qualifiers added manually. A summary of the data as amended by data qualifiers is included with the original hard copy reports.

The attached table summarizes the data that were qualified due to QC deficiencies. The table indicates compounds/analytes qualified based on electronic and manual validation. Refer to the associated method section of the validation checklist for a detailed explanation of qualification. All other data in these SDGs are considered usable as reported.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
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HAA-01

The following list of data qualifiers and definitions were applied in accordance with qualification criteria defined in the above guidance documents:

UB Compound/analyte detected in blank or associated blank, qualified as a non-detect at listed value.

J The analyte was positively identified, but the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reporting limit; however, the reported quantitation limit is approximate and may, or may not represent the actual limit of quantitation necessary to accurately and precisely measure analyte in the sample.

R The sample result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria; and the presence or absence of the analyte cannot be verified.

U Not detected at the quantitative reporting limit

DQM RUN BY:	Rachelle Borne	12/28/09
REVIEW PERFORMED BY:	Rachelle Borne	12/28/09
SIGNATURE:	Rachelle Borne	12/31/09
PEER REVIEW:	Dennis Capria	01/04/10

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07010
HAA-01

The following samples were included in this SDG:

SDG	Sample ID	Sample Date	Parent Sample
KK07010	H-10-HAA01	11/4/2009	
KK07010	H-11-HAA01	11/5/2009	
KK07010	HA01MW15 (1-2)	11/5/2009	
KK07010	HA01MW15 (5-6)	11/5/2009	
KK07010	HA01MW16 (10-11)	11/4/2009	
KK07010	HA01MW16 (1-2)	11/4/2009	
KK07010	HA01MW17 (1-2)	11/4/2009	
KK07010	HA01MW17 (6-7)	11/4/2009	
KK07010	HA01MW9 (1-2)	11/4/2009	
KK07010	HA01MW9 (9-10)	11/4/2009	
KK07010	HA01SB001 (8-10)	11/3/2009	
KK07010	HA01SB002 (6-6.5)	11/3/2009	
KK07010	HA01SB003 (8-10)	11/3/2009	
KK07010	HA01SB004 (2-4)	11/3/2009	
KK07010	HA01SB005 (0-2)	11/3/2009	
KK07010	TRIP BLANK2(110709)	11/7/2009	

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07010
HAA-01

ANALYTICAL DATA PACKAGE DOCUMENTATION

GENERAL INFORMATION

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Methods of analysis		X		X	
4. Reporting limits of analysis		X		X	
5. Master tracking list		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preparation/extraction date		X		X	
9. Sample analysis date		X		X	
10. Copy of chain-of-custody form signed by lab sample custodian		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Laboratory Signature		X		X	
13. South Carolina Certification Number		X		X	

QA - quality assurance

The analytical report was complete with the following exceptions or notations.

Note: The laboratory reported values between the quantitative reporting limit and the method detection limit as estimated concentrations. The "J" qualifier was retained in this validation. Non-detect values are reported at the quantitative reporting limit.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07010
HAA-01

VOLATILE ORGANIC COMPOUNDS and TCLP VOLATILE ORGANIC COMPOUNDS

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks		DQM	DQM	
B. Equipment blanks	NA		NA	
C. Trip blanks		DQM	DQM	
4. Surrogate spike recoveries	DQM		DQM	
5. Laboratory control sample (LCS) A. LCS %R		DQM	DQM	
B. LCS duplicate (LCSD) %R		DQM		DQM
C. LCS/LCSD RPD		DQM		DQM
6. Matrix spike (MS)				
A. MS %R	DQM		DQM	
B. MS duplicate (MSD) %R	NA		NA	
C. MS/MSD precision (RPD)	NA		NA	
7. Field Duplicate precision (RPD)	NA		NA	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Method 8260.

2. Some samples required dilutions due to elevated concentrations of target analytes.

3A. Acetone and carbon disulfide were detected in the method blank for batch 21834. The trip blank was the only sample analyzed in this analytical batch; therefore, qualification of the data is not warranted.

3C. Acetone and carbon disulfide were detected in the trip blank. The associated field samples were either non-detect or greater than five times the blank value for carbon disulfide or greater than ten times the blank value for acetone. Qualification of the data is not warranted.

5. The recoveries of chloromethane, dichlorodifluoromethane, and vinyl chloride were above the control limit in the LCS and/or the LCSD for batches 21537 and 21538. The associated field samples were non-detect for these compounds; therefore, qualification of the data is not warranted.

The recoveries of 1,2-dibromomethane and 1,1,2,2-tetrachloroethane were below the control limit in the LCS for batch 22080. The RPDs for acetone and methyl acetate were above the control limit. The associated field samples are qualified as estimated for these compounds.

6. H-11-HAA01 was used as the MS for the TCLP fraction. The recoveries were acceptable.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07010
HAA-01

SEMIVOLATILE ORGANIC COMPOUNDS

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks	DQM		DQM	
B. Equipment blanks	NA		NA	
4. Surrogate spike recoveries	DQM		DQM	
5. Laboratory control sample (LCS) A. LCS %R	DQM		DQM	
B. LCS duplicate (LCSD) %R	NA		NA	
C. LCS/LCSD RPD	NA		NA	
6. Matrix spike (MS)				
A. MS %R	DQM		DQM	
B. MS duplicate (MSD) %R	DQM		DQM	
C. MS/MSD precision (RPD)	DQM		DQM	
7. Field Duplicate precision (RPD)	NA		NA	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Method 8270D.

3. Some samples required dilutions due to elevated concentrations of target analytes. There were no elevated reporting limits for non-detect results.

6. HA01SB003(8-10) was used for the MS/MSD. The recoveries and RPDs were acceptable.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07010
HAA-01

PESTICIDES and TCLP PESTICIDES

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks	DQM		DQM	
B. Equipment blanks	NA		NA	
4. Surrogate spike recoveries	DQM		DQM	
5. Laboratory control sample (LCS) A. LCS %R	DQM		DQM	
B. LCS duplicate (LCSD) %R	NA		NA	
C. LCS/LCSD RPD	NA		NA	
6. Matrix spike (MS)				
A. MS %R	DQM		DQM	
B. MS duplicate (MSD) %R	DQM		DQM	
C. MS/MSD precision (RPD)		DQM		DQM
7. Field Duplicate precision (RPD)	NA		NA	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Method 8081.

6. HA01MW9(1-2) was used as the MS/MSD for the pesticide fraction. The RPD for Endrin aldehydes was above the control limit. The parent sample is qualified as estimated for this compound.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07010
HAA-01

METALS and TCLP METALS

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks	DQM		DQM	
B. Equipment blanks	NA		NA	
4. Laboratory control sample (LCS) A. LCS %R	DQM		DQM	
B. LCS duplicate (LCSD) %R	DQM		DQM	
C. LCS/LCSD RPD	DQM		DQM	
5. Matrix spike (MS)				
A. MS %R	NA		NA	
B. MS duplicate (MSD) %R	NA		NA	
C. MS/MSD precision (RPD)	NA		NA	
6. Field Duplicate precision (RPD)	NA		NA	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Methods 6010C and 7471B.

2. Some samples required dilutions due to elevated concentrations of metals.

Report of Analysis

ARCADIS U.S., Inc.
30 Patewood Drive
Suite 155
Greenville, SC 29615
Attention: Janet Christy

Project Name: Ft. Stewart (HAA01)

Project Number: GP08HAFS.H01B

Lot Number: KK07012

Date Completed: 11/19/2009

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* K K 0 7 0 1 2 *

Case Narrative
ARCADIS U.S., Inc.
Lot Number: KK07012

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Pesticides

The sample results associated with a P qualifier have a relative percent difference (RPD) between the two dissimilar phase GC columns which exceeds 40%. In accordance with Section 7.10.4 of SW-846 method 8000B, the higher of the two results is reported. Due to disparity of the two results, it is likely that the reported results are biased high, or maybe a false positive.

pH

As per method the holding time for pH analysis is 15 minutes from collection.

Volatile Organic Compounds

The LCSD recovery for Chloromethane (Methyl chloride) was outside method control limits in batch 22074. The LCS results were within limits. The RPD for various analytes exceeded method control limits. However, all other QA/QC criteria for the LCS/LCSD were within acceptance criteria and method control limits. Therefore the associated sample results were reported and no corrective action was required.

The MS/MSD recoveries for many analytes in batch 22074 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Sample Summary

ARCADIS U.S., Inc.

Lot Number: KK07012

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	HA01MW14 (1-2)	Solid	11/06/2009 0900	11/07/2009
002	HA01MW14 (3-4)	Solid	11/06/2009 0910	11/07/2009
003	HA01MW12 (1-2)	Solid	11/06/2009 1100	11/07/2009
004	HAO1MW12 (3-4)	Solid	11/06/2009 1110	11/07/2009
005	H-13-HAA01	Solid	11/06/2009 1415	11/07/2009
006	H-14-HAA01	Solid	11/06/2009 1425	11/07/2009
007	TRIP BLANK	Aqueous	11/07/2009	11/07/2009

(7 samples)

Executive Summary

ARCADIS U.S., Inc.

Lot Number: KK07012

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	HA01MW14 (1-2)	Solid	4,4'-DDT	8081B	4.9		ug/kg	7
001	HA01MW14 (1-2)	Solid	Dieldrin	8081B	1.1	JP	ug/kg	7
001	HA01MW14 (1-2)	Solid	Mercury	7471B	0.013	J	mg/kg	8
001	HA01MW14 (1-2)	Solid	Arsenic	6010C	1.7		mg/kg	9
001	HA01MW14 (1-2)	Solid	Barium	6010C	25		mg/kg	9
001	HA01MW14 (1-2)	Solid	Cadmium	6010C	0.020	J	mg/kg	9
001	HA01MW14 (1-2)	Solid	Chromium	6010C	8.6		mg/kg	9
001	HA01MW14 (1-2)	Solid	Lead	6010C	6.8		mg/kg	9
002	HA01MW14 (3-4)	Solid	Mercury	7471B	0.018	J	mg/kg	12
002	HA01MW14 (3-4)	Solid	Arsenic	6010C	0.47	J	mg/kg	13
002	HA01MW14 (3-4)	Solid	Barium	6010C	3.1		mg/kg	13
002	HA01MW14 (3-4)	Solid	Cadmium	6010C	0.025	J	mg/kg	13
002	HA01MW14 (3-4)	Solid	Chromium	6010C	1.4		mg/kg	13
002	HA01MW14 (3-4)	Solid	Lead	6010C	2.0		mg/kg	13
002	HA01MW14 (3-4)	Solid	Silver	6010C	1.1		mg/kg	13
003	HA01MW12 (1-2)	Solid	Acetone	8260B	24	J	ug/kg	14
003	HA01MW12 (1-2)	Solid	Chloromethane (Methyl chloride)	8260B	6.9		ug/kg	14
003	HA01MW12 (1-2)	Solid	Mercury	7471B	0.038	J	mg/kg	17
003	HA01MW12 (1-2)	Solid	Arsenic	6010C	0.47	J	mg/kg	18
003	HA01MW12 (1-2)	Solid	Barium	6010C	4.3		mg/kg	18
003	HA01MW12 (1-2)	Solid	Cadmium	6010C	0.014	J	mg/kg	18
003	HA01MW12 (1-2)	Solid	Chromium	6010C	1.7		mg/kg	18
003	HA01MW12 (1-2)	Solid	Lead	6010C	4.2		mg/kg	18
004	HAO1MW12 (3-4)	Solid	1,2-Dichlorobenzene	8260B	2.3	J	ug/kg	19
004	HAO1MW12 (3-4)	Solid	2-Hexanone	8260B	1.5	J	ug/kg	19
004	HAO1MW12 (3-4)	Solid	Mercury	7471B	0.027	J	mg/kg	21
004	HAO1MW12 (3-4)	Solid	Arsenic	6010C	0.48	J	mg/kg	22
004	HAO1MW12 (3-4)	Solid	Barium	6010C	6.3		mg/kg	22
004	HAO1MW12 (3-4)	Solid	Chromium	6010C	2.2		mg/kg	22
004	HAO1MW12 (3-4)	Solid	Lead	6010C	3.2		mg/kg	22
005	H-13-HAA01	Solid	Ignitability (Pensky-Martens Closed-	1010A	>140		° F	23
005	H-13-HAA01	Solid	Barium	6010C	0.094	J	mg/L	26
006	H-14-HAA01	Solid	Ignitability (Pensky-Martens Closed-	1010A	>140		° F	27
006	H-14-HAA01	Solid	Barium	6010C	0.090	J	mg/L	30
007	TRIP BLANK	Aqueous	Acetone	8260B	2.4	BJ	ug/L	31
007	TRIP BLANK	Aqueous	Carbon disulfide	8260B	0.66	B	ug/L	31

(36 detections)

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-001
Description: HA01MW14 (1-2)	Matrix: Solid
Date Sampled: 11/06/2009 0900	% Solids: 92.5 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 0131	DLB		22074	4.38

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.3	ug/kg	1
Benzene	71-43-2	8260B	ND		6.2	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.2	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.2	0.86	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.2	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	3.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.2	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.2	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.2	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.2	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.2	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.2	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.2	0.83	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.2	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.2	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.2	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.2	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.2	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.2	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.2	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.2	0.90	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.2	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.2	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.2	0.94	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.2	1.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.2	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.2	0.84	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.2	1.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.2	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.2	0.99	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.2	0.83	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.2	0.49	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.9	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.2	0.75	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.2	3.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.2	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.2	0.58	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.2	2.8	ug/kg	1
Toluene	108-88-3	8260B	ND		6.2	2.1	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.2	2.6	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.2	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.2	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.2	0.98	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-001
Description: HA01MW14 (1-2)	Matrix: Solid
Date Sampled: 11/06/2009 0900	% Solids: 92.5 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 0131	DLB		22074	4.38

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.2	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.2	1.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.2	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.2	3.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		74	53-142
Bromofluorobenzene		86	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07012-001
Description: HA01MW14 (1-2)
Matrix: Solid
Date Sampled: 11/06/2009 0900
% Solids: 92.5 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8081B	1	11/19/2009 0337	ASB	11/16/2009 1109	21759

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		1.8	0.36	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.8	0.41	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.8	0.32	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.8	0.34	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.8	0.38	ug/kg	1
alpha-Chlordane	5103-71-9	8081B	ND		1.8	0.31	ug/kg	1
gamma-Chlordane	5103-74-2	8081B	ND		1.8	0.25	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.8	0.26	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.8	0.34	ug/kg	1
4,4'-DDT	50-29-3	8081B	4.9		1.8	0.29	ug/kg	1
Dieldrin	60-57-1	8081B	1.1	JP	1.8	0.35	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.8	0.36	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.8	0.26	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.8	0.24	ug/kg	1
Endrin	72-20-8	8081B	ND		1.8	0.35	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.8	0.32	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.8	0.23	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.8	0.41	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.8	0.33	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		7.1	1.4	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		87	9.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		102	58-123
Tetrachloro-m-xylene		82	51-103

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07012-001
Description: HA01MW14 (1-2)
Matrix: Solid
Date Sampled: 11/06/2009 0900
% Solids: 92.5 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2223	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.013	J	0.088	0.0063	mg/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-001
Description: HA01MW14 (1-2)	Matrix: Solid
Date Sampled: 11/06/2009 0900	% Solids: 92.5 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1835	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	1.7		0.53	0.20	mg/kg	1
Barium	7440-39-3	6010C	25		1.4	0.096	mg/kg	1
Cadmium	7440-43-9	6010C	0.020	J	0.11	0.011	mg/kg	1
Chromium	7440-47-3	6010C	8.6		0.26	0.054	mg/kg	1
Lead	7439-92-1	6010C	6.8		0.53	0.098	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.53	0.18	mg/kg	1
Silver	7440-22-4	6010C	ND		0.26	0.044	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07012-002
Description: HA01MW14 (3-4)
Matrix: Solid
Date Sampled: 11/06/2009 0910
% Solids: 82.9 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/19/2009 0301	DLB		22074	5.13

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	7.9	ug/kg	2
Benzene	71-43-2	8260B	ND		5.9	1.3	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		5.9	2.0	ug/kg	2
Bromoform	75-25-2	8260B	ND		5.9	0.82	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.9	2.1	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		5.9	1.5	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		5.9	2.1	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		5.9	2.0	ug/kg	2
Chloroethane	75-00-3	8260B	ND		5.9	1.5	ug/kg	2
Chloroform	67-66-3	8260B	ND		5.9	0.98	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.9	1.2	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		5.9	0.79	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.9	1.8	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		5.9	2.0	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.9	1.0	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.9	2.0	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.9	2.0	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.9	2.0	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		5.9	1.9	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		5.9	0.86	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.9	1.2	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		5.9	2.0	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.9	0.89	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.9	1.8	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		5.9	1.1	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.9	0.80	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.9	0.96	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		5.9	2.0	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		5.9	0.94	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		5.9	0.79	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.9	0.47	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		5.9	0.72	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.9	3.1	ug/kg	2
Styrene	100-42-5	8260B	ND		5.9	1.3	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.9	0.55	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		5.9	2.7	ug/kg	2
Toluene	108-88-3	8260B	ND		5.9	2.0	ug/kg	2
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.9	2.5	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.9	2.0	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.9	1.0	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.9	0.93	ug/kg	2

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-002
Description: HA01MW14 (3-4)	Matrix: Solid
Date Sampled: 11/06/2009 0910	% Solids: 82.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/19/2009 0301	DLB		22074	5.13

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.9	2.2	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		5.9	1.8	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		5.9	1.0	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		5.9	3.4	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		85	53-142
Bromofluorobenzene		68	47-138
Toluene-d8		85	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-002
Description: HA01MW14 (3-4)	Matrix: Solid
Date Sampled: 11/06/2009 0910	% Solids: 82.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2225	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.018	J	0.096	0.0068	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-002
Description: HA01MW14 (3-4)	Matrix: Solid
Date Sampled: 11/06/2009 0910	% Solids: 82.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1847	KJC	11/11/2009 2021	21329
2	3050B	6010C	1	11/12/2009 2158	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.47	J	0.60	0.23	mg/kg	2
Barium	7440-39-3	6010C	3.1		1.6	0.11	mg/kg	1
Cadmium	7440-43-9	6010C	0.025	J	0.12	0.013	mg/kg	1
Chromium	7440-47-3	6010C	1.4		0.30	0.061	mg/kg	1
Lead	7439-92-1	6010C	2.0		0.60	0.11	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.60	0.21	mg/kg	1
Silver	7440-22-4	6010C	1.1		0.30	0.051	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-003
Description: HA01MW12 (1-2)	Matrix: Solid
Date Sampled: 11/06/2009 1100	% Solids: 85.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/19/2009 0324	DLB		22074	4.21

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	24	J	28	9.3	ug/kg	2
Benzene	71-43-2	8260B	ND		6.9	1.5	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		6.9	2.4	ug/kg	2
Bromoform	75-25-2	8260B	ND		6.9	0.97	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.9	2.5	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.3	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		6.9	1.8	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		6.9	2.5	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		6.9	2.4	ug/kg	2
Chloroethane	75-00-3	8260B	ND		6.9	1.8	ug/kg	2
Chloroform	67-66-3	8260B	ND		6.9	1.1	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	6.9		6.9	1.4	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		6.9	0.93	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.9	2.1	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		6.9	2.4	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.9	1.2	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.9	2.4	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.9	2.4	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.9	2.4	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		6.9	2.2	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		6.9	1.0	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		6.9	1.4	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		6.9	2.4	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.9	1.1	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.9	2.1	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		6.9	1.3	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.9	0.94	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.9	1.1	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		6.9	2.4	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		14	1.8	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		6.9	1.1	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		6.9	0.93	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.9	0.55	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.1	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		6.9	0.84	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		6.9	3.6	ug/kg	2
Styrene	100-42-5	8260B	ND		6.9	1.5	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.9	0.65	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		6.9	3.2	ug/kg	2
Toluene	108-88-3	8260B	ND		6.9	2.4	ug/kg	2
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.9	2.9	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.9	2.4	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.9	1.2	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.9	1.1	ug/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-003
Description: HA01MW12 (1-2)	Matrix: Solid
Date Sampled: 11/06/2009 1100	% Solids: 85.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	11/19/2009 0324	DLB		22074	4.21

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.9	2.6	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		6.9	2.1	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		6.9	1.2	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		6.9	4.0	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142
Bromofluorobenzene		66	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07012-003
Description: HA01MW12 (1-2)
Matrix: Solid
Date Sampled: 11/06/2009 1100
% Solids: 85.9 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8081B	1	11/19/2009 0353	ASB	11/16/2009 1109	21759

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		1.9	0.38	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.9	0.44	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.9	0.34	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.9	0.36	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.9	0.40	ug/kg	1
alpha-Chlordane	5103-71-9	8081B	ND		1.9	0.33	ug/kg	1
gamma-Chlordane	5103-74-2	8081B	ND		1.9	0.27	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.9	0.28	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.9	0.36	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		1.9	0.31	ug/kg	1
Dieldrin	60-57-1	8081B	ND		1.9	0.37	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.9	0.38	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.9	0.28	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.9	0.26	ug/kg	1
Endrin	72-20-8	8081B	ND		1.9	0.37	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.9	0.34	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.9	0.25	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.9	0.44	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.9	0.35	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		7.5	1.5	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		93	10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		88	58-123
Tetrachloro-m-xylene		74	51-103

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-003
Description: HA01MW12 (1-2)	Matrix: Solid
Date Sampled: 11/06/2009 1100	% Solids: 85.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2227	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.038	J	0.095	0.0068	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-003
Description: HA01MW12 (1-2)	Matrix: Solid
Date Sampled: 11/06/2009 1100	% Solids: 85.9 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1853	KJC	11/11/2009 2021	21329
2	3050B	6010C	1	11/12/2009 2204	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.47	J	0.55	0.21	mg/kg	1
Barium	7440-39-3	6010C	4.3		1.4	0.10	mg/kg	1
Cadmium	7440-43-9	6010C	0.014	J	0.11	0.012	mg/kg	1
Chromium	7440-47-3	6010C	1.7		0.28	0.056	mg/kg	1
Lead	7439-92-1	6010C	4.2		0.55	0.10	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.55	0.19	mg/kg	1
Silver	7440-22-4	6010C	ND		0.28	0.046	mg/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-004
Description: HAO1MW12 (3-4)	Matrix: Solid
Date Sampled: 11/06/2009 1110	% Solids: 80.8 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 0239	DLB		22074	5.29

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.82	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.97	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.79	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.99	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	2.3	J	5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.85	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.89	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.80	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.96	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	1.5	J	12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.94	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	0.78	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.47	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.71	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.8	2.7	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	2.5	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.99	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.92	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-004
Description: HAO1MW12 (3-4)	Matrix: Solid
Date Sampled: 11/06/2009 1110	% Solids: 80.8 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 0239	DLB		22074	5.29

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		82	53-142
Bromofluorobenzene		72	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-004
Description: HAO1MW12 (3-4)	Matrix: Solid
Date Sampled: 11/06/2009 1110	% Solids: 80.8 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/10/2009 2229	BNW	11/10/2009 2040	21345

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.027	J	0.10	0.0072	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-004
Description: HAO1MW12 (3-4)	Matrix: Solid
Date Sampled: 11/06/2009 1110	% Solids: 80.8 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/12/2009 1859	KJC	11/11/2009 2021	21329
2	3050B	6010C	1	11/12/2009 2222	KJC	11/11/2009 2021	21329

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.48	J	0.59	0.22	mg/kg	1
Barium	7440-39-3	6010C	6.3		1.5	0.11	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.12	0.012	mg/kg	1
Chromium	7440-47-3	6010C	2.2		0.30	0.060	mg/kg	1
Lead	7439-92-1	6010C	3.2		0.59	0.11	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.59	0.21	mg/kg	1
Silver	7440-22-4	6010C	ND		0.30	0.050	mg/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Inorganic non-metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07012-005
Description: H-13-HAA01
Matrix: Solid
Date Sampled: 11/06/2009 1415
% Solids: 76.1 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Ignitability) 1010A	1	11/10/2009 1629	PMM		
1		(pH) 9045D	1	11/09/2009 1547	BAN		21335

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ignitability (Pensky-Martens Closed-Cup)		1010A	>140				° F	1
pH		9045D	6.3	H	0.000	0.000	su	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

TCLP Volatiles

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07012-005
Description: H-13-HAA01
Matrix: Solid
Date Sampled: 11/06/2009 1415
% Solids: 76.1 11/07/2009 1710
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/5030B	8260B	10	11/17/2009 1303	DLB		21924	11/13/2009 1820

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzene	71-43-2	8260B	ND		0.050	0.0020	mg/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		0.10	0.018	mg/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.050	0.0040	mg/L	1
Chlorobenzene	108-90-7	8260B	ND		0.050	0.0020	mg/L	1
Chloroform	67-66-3	8260B	ND		0.050	0.0030	mg/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.050	0.0030	mg/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.050	0.0050	mg/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.050	0.0040	mg/L	1
Trichloroethene	79-01-6	8260B	ND		0.050	0.0030	mg/L	1
Vinyl chloride	75-01-4	8260B	ND		0.010	0.0010	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		97	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

TCLP Pesticides

Client: ARCADIS U.S., Inc.
Description: H-13-HAA01
Date Sampled: 11/06/2009 1415
Date Received: 11/07/2009

Laboratory ID: KK07012-005
Matrix: Solid
% Solids: 76.1 11/07/2009 1710

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/3520C	8081B	1	11/17/2009 2331	ASB	11/13/2009 0006	21616	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.00050	0.00	mg/L	1
Chlordane	57-74-9	8081B	ND		0.0025	0.00	mg/L	1
Endrin	72-20-8	8081B	ND		0.00050	0.00	mg/L	1
Heptachlor	76-44-8	8081B	ND		0.00050	0.00	mg/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.00050	0.00	mg/L	1
Methoxychlor	72-43-5	8081B	ND		0.0020	0.00	mg/L	1
Toxaphene	8001-35-2	8081B	ND		0.0050	0.00	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		98	49-124
Tetrachloro-m-xylene		83	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

TCLP Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-005
Description: H-13-HAA01	Matrix: Solid
Date Sampled: 11/06/2009 1415	% Solids: 76.1 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/7470A	7470A	1	11/11/2009 2314	BNW	11/11/2009 1900	21483	11/10/2009 1555
1	1311/3010A	6010C	10	11/12/2009 1908	KJC	11/11/2009 1900	21486	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.10	0.023	mg/L	1
Barium	7440-39-3	6010C	0.094	J	0.25	0.023	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.020	0.0030	mg/L	1
Chromium	7440-47-3	6010C	ND		0.050	0.014	mg/L	1
Lead	7439-92-1	6010C	ND		0.10	0.017	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00020	0.000032	mg/L	1
Selenium	7782-49-2	6010C	ND		0.10	0.032	mg/L	1
Silver	7440-22-4	6010C	ND		0.050	0.0090	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Inorganic non-metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-006
Description: H-14-HAA01	Matrix: Solid
Date Sampled: 11/06/2009 1425	% Solids: 79.1 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Ignitability) 1010A	1	11/10/2009 1629	PMM		
1		(pH) 9045D	1	11/09/2009 1547	BAN		21335

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ignitability (Pensky-Martens Closed-Cup)		1010A	>140				° F	1
pH		9045D	6.17	H	0.000	0.000	su	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

TCLP Volatiles

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-006
Description: H-14-HAA01	Matrix: Solid
Date Sampled: 11/06/2009 1425	% Solids: 79.1 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/5030B	8260B	10	11/17/2009 1324	DLB		21924	11/13/2009 1820

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzene	71-43-2	8260B	ND		0.050	0.0020	mg/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		0.10	0.018	mg/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.050	0.0040	mg/L	1
Chlorobenzene	108-90-7	8260B	ND		0.050	0.0020	mg/L	1
Chloroform	67-66-3	8260B	ND		0.050	0.0030	mg/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.050	0.0030	mg/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.050	0.0050	mg/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.050	0.0040	mg/L	1
Trichloroethene	79-01-6	8260B	ND		0.050	0.0030	mg/L	1
Vinyl chloride	75-01-4	8260B	ND		0.010	0.0010	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

TCLP Pesticides

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-006
Description: H-14-HAA01	Matrix: Solid
Date Sampled: 11/06/2009 1425	% Solids: 79.1 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/3520C	8081B	1	11/17/2009 2347	ASB	11/13/2009 0006	21616	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.00050	0.00	mg/L	1
Chlordane	57-74-9	8081B	ND		0.0025	0.00	mg/L	1
Endrin	72-20-8	8081B	ND		0.00050	0.00	mg/L	1
Heptachlor	76-44-8	8081B	ND		0.00050	0.00	mg/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.00050	0.00	mg/L	1
Methoxychlor	72-43-5	8081B	ND		0.0020	0.00	mg/L	1
Toxaphene	8001-35-2	8081B	ND		0.0050	0.00	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		81	49-124
Tetrachloro-m-xylene		84	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

TCLP Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK07012-006
Description: H-14-HAA01	Matrix: Solid
Date Sampled: 11/06/2009 1425	% Solids: 79.1 11/07/2009 1710
Date Received: 11/07/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/7470A	7470A	1	11/11/2009 2322	BNW	11/11/2009 1900	21483	11/10/2009 1555
1	1311/3010A	6010C	10	11/12/2009 1911	KJC	11/11/2009 1900	21486	11/10/2009 1555

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.10	0.023	mg/L	1
Barium	7440-39-3	6010C	0.090	J	0.25	0.023	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.020	0.0030	mg/L	1
Chromium	7440-47-3	6010C	ND		0.050	0.014	mg/L	1
Lead	7439-92-1	6010C	ND		0.10	0.017	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00020	0.000032	mg/L	1
Selenium	7782-49-2	6010C	ND		0.10	0.032	mg/L	1
Silver	7440-22-4	6010C	ND		0.050	0.0090	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07012-007
Description: TRIP BLANK
Matrix: Aqueous
Date Sampled: 11/07/2009
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/17/2009 1833	DLB		21834

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.4	BJ	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.66	B	0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KK07012-007
Description: TRIP BLANK
Matrix: Aqueous
Date Sampled: 11/07/2009
Date Received: 11/07/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/17/2009 1833	DLB		21834

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	70-130
Bromofluorobenzene		85	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21834-001
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	1.4	J	1	10	0.061	ug/L	11/17/2009 1222
Benzene	ND		1	0.50	0.027	ug/L	11/17/2009 1222
Bromodichloromethane	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Bromoform	ND		1	0.50	0.010	ug/L	11/17/2009 1222
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	11/17/2009 1222
2-Butanone (MEK)	ND		1	10	2.0	ug/L	11/17/2009 1222
Carbon disulfide	0.18	J	1	0.50	0.097	ug/L	11/17/2009 1222
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	11/17/2009 1222
Chlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Chloroethane	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Chloroform	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Cyclohexane	ND		1	0.50	0.30	ug/L	11/17/2009 1222
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	11/17/2009 1222
Dibromochloromethane	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	11/17/2009 1222
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	11/17/2009 1222
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	11/17/2009 1222
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	11/17/2009 1222
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	11/17/2009 1222
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	11/17/2009 1222
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	11/17/2009 1222
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	11/17/2009 1222
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	11/17/2009 1222
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	11/17/2009 1222
Ethylbenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
2-Hexanone	ND		1	10	0.27	ug/L	11/17/2009 1222
Isopropylbenzene	ND		1	0.50	0.029	ug/L	11/17/2009 1222
Methyl acetate	ND		1	1.0	0.30	ug/L	11/17/2009 1222
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	11/17/2009 1222
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	11/17/2009 1222
Methylcyclohexane	ND		1	5.0	0.95	ug/L	11/17/2009 1222
Methylene chloride	ND		1	0.50	0.17	ug/L	11/17/2009 1222
Styrene	ND		1	0.50	0.015	ug/L	11/17/2009 1222
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	11/17/2009 1222
Tetrachloroethene	ND		1	0.50	0.014	ug/L	11/17/2009 1222
Toluene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	11/17/2009 1222
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	11/17/2009 1222
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	11/17/2009 1222
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	11/17/2009 1222

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ21834-001
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	11/17/2009 1222
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	11/17/2009 1222
Vinyl chloride	ND		1	0.50	0.065	ug/L	11/17/2009 1222
Xylenes (total)	ND		1	0.50	0.17	ug/L	11/17/2009 1222

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		89	70-130
1,2-Dichloroethane-d4		87	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21834-002
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	119	46-153	11/17/2009 1055
Benzene	50	44		1	88	70-130	11/17/2009 1055
Bromodichloromethane	50	44		1	88	70-130	11/17/2009 1055
Bromoform	50	42		1	83	70-130	11/17/2009 1055
Bromomethane (Methyl bromide)	50	55		1	109	60-140	11/17/2009 1055
2-Butanone (MEK)	100	96		1	96	60-140	11/17/2009 1055
Carbon disulfide	50	52		1	104	60-140	11/17/2009 1055
Carbon tetrachloride	50	49		1	98	70-130	11/17/2009 1055
Chlorobenzene	50	43		1	86	70-130	11/17/2009 1055
Chloroethane	50	42		1	83	42-163	11/17/2009 1055
Chloroform	50	47		1	94	70-130	11/17/2009 1055
Chloromethane (Methyl chloride)	50	43		1	86	20-158	11/17/2009 1055
Cyclohexane	50	46		1	93	70-130	11/17/2009 1055
1,2-Dibromo-3-chloropropane (DBCP)	50	51		1	101	70-130	11/17/2009 1055
Dibromochloromethane	50	46		1	91	70-130	11/17/2009 1055
1,2-Dibromoethane (EDB)	50	41		1	82	70-130	11/17/2009 1055
1,2-Dichlorobenzene	50	47		1	95	70-130	11/17/2009 1055
1,3-Dichlorobenzene	50	45		1	90	70-130	11/17/2009 1055
1,4-Dichlorobenzene	50	44		1	89	70-130	11/17/2009 1055
Dichlorodifluoromethane	50	36		1	73	60-140	11/17/2009 1055
1,2-Dichloroethane	50	45		1	90	70-130	11/17/2009 1055
1,1-Dichloroethane	50	45		1	90	70-130	11/17/2009 1055
cis-1,2-Dichloroethene	50	46		1	93	70-130	11/17/2009 1055
trans-1,2-Dichloroethene	50	47		1	93	70-130	11/17/2009 1055
1,1-Dichloroethene	50	47		1	94	70-130	11/17/2009 1055
1,2-Dichloropropane	50	44		1	88	70-130	11/17/2009 1055
trans-1,3-Dichloropropene	50	48		1	95	70-130	11/17/2009 1055
cis-1,3-Dichloropropene	50	43		1	86	70-130	11/17/2009 1055
Ethylbenzene	50	46		1	92	70-130	11/17/2009 1055
2-Hexanone	100	86		1	86	60-140	11/17/2009 1055
Isopropylbenzene	50	49		1	98	70-130	11/17/2009 1055
Methyl acetate	50	51		1	103	15-128	11/17/2009 1055
Methyl tertiary butyl ether (MTBE)	50	50		1	100	70-130	11/17/2009 1055
4-Methyl-2-pentanone	100	91		1	91	60-140	11/17/2009 1055
Methylcyclohexane	50	48		1	97	70-130	11/17/2009 1055
Methylene chloride	50	47		1	95	70-130	11/17/2009 1055
Styrene	50	46		1	92	70-130	11/17/2009 1055
1,1,2,2-Tetrachloroethane	50	46		1	92	70-130	11/17/2009 1055
Tetrachloroethene	50	45		1	91	70-130	11/17/2009 1055
Toluene	50	44		1	87	70-130	11/17/2009 1055
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	45		1	91	70-130	11/17/2009 1055
1,2,4-Trichlorobenzene	50	62		1	125	70-130	11/17/2009 1055
1,1,2-Trichloroethane	50	39		1	78	70-130	11/17/2009 1055
1,1,1-Trichloroethane	50	49		1	99	70-130	11/17/2009 1055

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ21834-002
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	45		1	89	70-130	11/17/2009 1055
Trichlorofluoromethane	50	46		1	93	60-140	11/17/2009 1055
Vinyl chloride	50	42		1	84	60-140	11/17/2009 1055
Xylenes (total)	100	95		1	95	70-130	11/17/2009 1055

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		91	70-130
1,2-Dichloroethane-d4		86	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21834-003
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	110	7.1	46-153	20	11/17/2009 1117
Benzene	50	44		1	88	0.73	70-130	20	11/17/2009 1117
Bromodichloromethane	50	45		1	89	1.1	70-130	20	11/17/2009 1117
Bromoform	50	41		1	82	1.2	70-130	20	11/17/2009 1117
Bromomethane (Methyl bromide)	50	49		1	98	11	60-140	20	11/17/2009 1117
2-Butanone (MEK)	100	94		1	94	1.9	60-140	20	11/17/2009 1117
Carbon disulfide	50	49		1	99	5.6	60-140	20	11/17/2009 1117
Carbon tetrachloride	50	47		1	94	3.6	70-130	20	11/17/2009 1117
Chlorobenzene	50	43		1	86	0.63	70-130	20	11/17/2009 1117
Chloroethane	50	39		1	78	6.4	42-163	20	11/17/2009 1117
Chloroform	50	46		1	92	3.0	70-130	20	11/17/2009 1117
Chloromethane (Methyl chloride)	50	39		1	79	8.5	20-158	20	11/17/2009 1117
Cyclohexane	50	45		1	89	3.8	70-130	20	11/17/2009 1117
1,2-Dibromo-3-chloropropane (DBCP)	50	46		1	93	9.1	70-130	20	11/17/2009 1117
Dibromochloromethane	50	46		1	91	0.25	70-130	20	11/17/2009 1117
1,2-Dibromoethane (EDB)	50	42		1	84	2.4	70-130	20	11/17/2009 1117
1,2-Dichlorobenzene	50	46		1	92	2.6	70-130	20	11/17/2009 1117
1,3-Dichlorobenzene	50	45		1	90	0.30	70-130	20	11/17/2009 1117
1,4-Dichlorobenzene	50	45		1	89	0.83	70-130	20	11/17/2009 1117
Dichlorodifluoromethane	50	34		1	68	7.3	60-140	20	11/17/2009 1117
1,2-Dichloroethane	50	45		1	90	0.26	70-130	20	11/17/2009 1117
1,1-Dichloroethane	50	44		1	87	3.2	70-130	20	11/17/2009 1117
cis-1,2-Dichloroethene	50	44		1	89	4.1	70-130	20	11/17/2009 1117
trans-1,2-Dichloroethene	50	45		1	90	3.8	70-130	20	11/17/2009 1117
1,1-Dichloroethene	50	44		1	89	5.6	70-130	20	11/17/2009 1117
1,2-Dichloropropane	50	45		1	90	2.4	70-130	20	11/17/2009 1117
trans-1,3-Dichloropropene	50	48		1	97	1.6	70-130	20	11/17/2009 1117
cis-1,3-Dichloropropene	50	44		1	87	1.5	70-130	20	11/17/2009 1117
Ethylbenzene	50	46		1	92	0.87	70-130	20	11/17/2009 1117
2-Hexanone	100	87		1	87	0.98	60-140	20	11/17/2009 1117
Isopropylbenzene	50	48		1	95	2.6	70-130	20	11/17/2009 1117
Methyl acetate	50	49		1	98	4.5	15-128	20	11/17/2009 1117
Methyl tertiary butyl ether (MTBE)	50	48		1	96	4.1	70-130	20	11/17/2009 1117
4-Methyl-2-pentanone	100	90		1	90	1.6	60-140	20	11/17/2009 1117
Methylcyclohexane	50	47		1	95	1.9	70-130	20	11/17/2009 1117
Methylene chloride	50	44		1	88	7.7	70-130	20	11/17/2009 1117
Styrene	50	47		1	93	1.2	70-130	20	11/17/2009 1117
1,1,2,2-Tetrachloroethane	50	44		1	87	5.6	70-130	20	11/17/2009 1117
Tetrachloroethene	50	45		1	90	0.72	70-130	20	11/17/2009 1117
Toluene	50	45		1	90	2.8	70-130	20	11/17/2009 1117
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	42		1	83	8.6	70-130	20	11/17/2009 1117
1,2,4-Trichlorobenzene	50	59		1	118	5.9	70-130	20	11/17/2009 1117
1,1,2-Trichloroethane	50	40		1	80	2.4	70-130	20	11/17/2009 1117
1,1,1-Trichloroethane	50	47		1	94	4.7	70-130	20	11/17/2009 1117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ21834-003
Batch: 21834
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	46		1	91	2.6	70-130	20	11/17/2009 1117
Trichlorofluoromethane	50	46		1	92	1.0	60-140	20	11/17/2009 1117
Vinyl chloride	50	39		1	79	6.5	60-140	20	11/17/2009 1117
Xylenes (total)	100	93		1	93	1.6	70-130	20	11/17/2009 1117

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		89	70-130
1,2-Dichloroethane-d4		85	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Volatiles - MB

Sample ID: KQ21924-001
Batch: 21924
Analytical Method: 8260B

Matrix: Solid
Prep Method: 1311/5030B

Leachate Date: 11/13/2009 1820

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Benzene	ND		10	0.050	0.0020	mg/L	11/17/2009 1220
2-Butanone (MEK)	ND		10	0.10	0.018	mg/L	11/17/2009 1220
Carbon tetrachloride	ND		10	0.050	0.0040	mg/L	11/17/2009 1220
Chlorobenzene	ND		10	0.050	0.0020	mg/L	11/17/2009 1220
Chloroform	ND		10	0.050	0.0030	mg/L	11/17/2009 1220
1,2-Dichloroethane	ND		10	0.050	0.0030	mg/L	11/17/2009 1220
1,1-Dichloroethene	ND		10	0.050	0.0050	mg/L	11/17/2009 1220
Tetrachloroethene	ND		10	0.050	0.0040	mg/L	11/17/2009 1220
Trichloroethene	ND		10	0.050	0.0030	mg/L	11/17/2009 1220
Vinyl chloride	ND		10	0.010	0.0010	mg/L	11/17/2009 1220

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		90	70-130
1,2-Dichloroethane-d4		88	70-130
Toluene-d8		94	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Volatiles - LCS

Sample ID: KQ21924-002
Batch: 21924
Analytical Method: 8260B

Matrix: Solid
Prep Method: 1311/5030B

Leachate Date: 11/13/2009 1820

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	0.50	0.46		10	92	72-127	11/17/2009 1159
2-Butanone (MEK)	1.0	0.85		10	85	60-140	11/17/2009 1159
Carbon tetrachloride	0.50	0.43		10	86	37-166	11/17/2009 1159
Chlorobenzene	0.50	0.45		10	91	78-129	11/17/2009 1159
Chloroform	0.50	0.42		10	85	63-123	11/17/2009 1159
1,2-Dichloroethane	0.50	0.40		10	79	59-143	11/17/2009 1159
1,1-Dichloroethene	0.50	0.44		10	88	50-132	11/17/2009 1159
Tetrachloroethene	0.50	0.46		10	92	70-130	11/17/2009 1159
Trichloroethene	0.50	0.44		10	88	73-124	11/17/2009 1159
Vinyl chloride	0.50	0.35		10	70	29-159	11/17/2009 1159

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		88	70-130
1,2-Dichloroethane-d4		84	70-130
Toluene-d8		93	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Volatiles - MS

Sample ID: KK07012-006MS
Batch: 21924
Analytical Method: 8260B

Matrix: Solid
Prep Method: 1311/5030B

Leachate Date: 11/13/2009 1820

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	ND	0.50	0.53		10	105	70-127	11/17/2009 1345
2-Butanone (MEK)	ND	1.0	0.98		10	98	60-140	11/17/2009 1345
Carbon tetrachloride	ND	0.50	0.49		10	97	37-166	11/17/2009 1345
Chlorobenzene	ND	0.50	0.52		10	104	78-129	11/17/2009 1345
Chloroform	ND	0.50	0.51		10	102	63-123	11/17/2009 1345
1,2-Dichloroethane	ND	0.50	0.48		10	96	59-143	11/17/2009 1345
1,1-Dichloroethene	ND	0.50	0.51		10	102	50-132	11/17/2009 1345
Tetrachloroethene	ND	0.50	0.49		10	98	70-130	11/17/2009 1345
Trichloroethene	ND	0.50	0.48		10	97	73-124	11/17/2009 1345
Vinyl chloride	ND	0.50	0.41		10	82	29-159	11/17/2009 1345

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		104	70-130
1,2-Dichloroethane-d4		106	70-130
Toluene-d8		107	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ22074-001
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	11/19/2009 0036
Benzene	ND		1	5.0	1.1	ug/kg	11/19/2009 0036
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
Bromoform	ND		1	5.0	0.70	ug/kg	11/19/2009 0036
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	11/19/2009 0036
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	11/19/2009 0036
Carbon disulfide	ND		1	5.0	1.3	ug/kg	11/19/2009 0036
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	11/19/2009 0036
Chlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
Chloroethane	ND		1	5.0	1.3	ug/kg	11/19/2009 0036
Chloroform	ND		1	5.0	0.83	ug/kg	11/19/2009 0036
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	11/19/2009 0036
Cyclohexane	ND		1	5.0	0.67	ug/kg	11/19/2009 0036
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	11/19/2009 0036
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	11/19/2009 0036
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	11/19/2009 0036
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	11/19/2009 0036
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	11/19/2009 0036
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	11/19/2009 0036
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	11/19/2009 0036
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	11/19/2009 0036
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	11/19/2009 0036
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	11/19/2009 0036
Ethylbenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
2-Hexanone	ND		1	10	1.3	ug/kg	11/19/2009 0036
Isopropylbenzene	ND		1	5.0	0.80	ug/kg	11/19/2009 0036
Methyl acetate	ND		1	5.0	0.67	ug/kg	11/19/2009 0036
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	11/19/2009 0036
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	11/19/2009 0036
Methylcyclohexane	ND		1	5.0	0.61	ug/kg	11/19/2009 0036
Methylene chloride	ND		1	5.0	2.6	ug/kg	11/19/2009 0036
Styrene	ND		1	5.0	1.1	ug/kg	11/19/2009 0036
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	11/19/2009 0036
Tetrachloroethene	ND		1	5.0	2.3	ug/kg	11/19/2009 0036
Toluene	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	2.1	ug/kg	11/19/2009 0036
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 0036
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	11/19/2009 0036
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	11/19/2009 0036

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ22074-001
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	11/19/2009 0036
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	11/19/2009 0036
Vinyl chloride	ND		1	5.0	0.86	ug/kg	11/19/2009 0036
Xylenes (total)	ND		1	5.0	2.9	ug/kg	11/19/2009 0036

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		91	47-138
1,2-Dichloroethane-d4		82	53-142
Toluene-d8		92	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ22074-002
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	92		1	92	42-149	11/18/2009 2328
Benzene	50	44		1	88	69-123	11/18/2009 2328
Bromodichloromethane	50	43		1	86	69-121	11/18/2009 2328
Bromoform	50	39		1	78	61-119	11/18/2009 2328
Bromomethane (Methyl bromide)	50	44		1	88	35-144	11/18/2009 2328
2-Butanone (MEK)	100	94		1	94	57-148	11/18/2009 2328
Carbon disulfide	50	49		1	98	58-122	11/18/2009 2328
Carbon tetrachloride	50	45		1	90	58-136	11/18/2009 2328
Chlorobenzene	50	39		1	79	59-129	11/18/2009 2328
Chloroethane	50	46		1	92	50-132	11/18/2009 2328
Chloroform	50	41		1	83	71-125	11/18/2009 2328
Chloromethane (Methyl chloride)	50	57		1	113	34-134	11/18/2009 2328
Cyclohexane	50	45		1	90	53-139	11/18/2009 2328
1,2-Dibromo-3-chloropropane (DBCP)	50	44		1	87	55-125	11/18/2009 2328
Dibromochloromethane	50	39		1	77	66-119	11/18/2009 2328
1,2-Dibromoethane (EDB)	50	40		1	79	74-124	11/18/2009 2328
1,4-Dichlorobenzene	50	36		1	72	52-133	11/18/2009 2328
1,3-Dichlorobenzene	50	37		1	74	51-134	11/18/2009 2328
1,2-Dichlorobenzene	50	37		1	74	57-131	11/18/2009 2328
Dichlorodifluoromethane	50	60		1	121	10-157	11/18/2009 2328
1,2-Dichloroethane	50	43		1	87	67-129	11/18/2009 2328
1,1-Dichloroethane	50	42		1	85	71-127	11/18/2009 2328
trans-1,2-Dichloroethene	50	43		1	86	68-131	11/18/2009 2328
cis-1,2-Dichloroethene	50	42		1	85	70-122	11/18/2009 2328
1,1-Dichloroethene	50	44		1	88	69-138	11/18/2009 2328
1,2-Dichloropropane	50	42		1	85	72-124	11/18/2009 2328
trans-1,3-Dichloropropene	50	43		1	85	70-124	11/18/2009 2328
cis-1,3-Dichloropropene	50	43		1	87	70-126	11/18/2009 2328
Ethylbenzene	50	42		1	84	59-128	11/18/2009 2328
2-Hexanone	100	92		1	92	54-137	11/18/2009 2328
Isopropylbenzene	50	40		1	79	50-136	11/18/2009 2328
Methyl acetate	50	46		1	93	59-137	11/18/2009 2328
Methyl tertiary butyl ether (MTBE)	50	46		1	91	72-122	11/18/2009 2328
4-Methyl-2-pentanone	100	96		1	96	60-134	11/18/2009 2328
Methylcyclohexane	50	45		1	90	41-144	11/18/2009 2328
Methylene chloride	50	41		1	83	77-129	11/18/2009 2328
Styrene	50	44		1	87	54-136	11/18/2009 2328
1,1,2,2-Tetrachloroethane	50	38		1	76	69-132	11/18/2009 2328
Tetrachloroethene	50	41		1	82	70-130	11/18/2009 2328
Toluene	50	43		1	87	61-129	11/18/2009 2328
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	43		1	85	49-136	11/18/2009 2328
1,2,4-Trichlorobenzene	50	38		1	75	34-145	11/18/2009 2328
1,1,2-Trichloroethane	50	40		1	81	55-128	11/18/2009 2328
1,1,1-Trichloroethane	50	45		1	89	63-128	11/18/2009 2328

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ22074-002
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	43		1	85	62-126	11/18/2009 2328
Trichlorofluoromethane	50	49		1	97	45-138	11/18/2009 2328
Vinyl chloride	50	52		1	105	42-132	11/18/2009 2328
Xylenes (total)	100	85		1	85	58-128	11/18/2009 2328

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		76	47-138
1,2-Dichloroethane-d4		78	53-142
Toluene-d8		77	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ22074-003
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	100		1	102	11	42-149	20	11/18/2009 2351
Benzene	50	49		1	99	12	69-123	20	11/18/2009 2351
Bromodichloromethane	50	51		1	102	17	69-121	20	11/18/2009 2351
Bromoform	50	46		1	93	17	61-119	20	11/18/2009 2351
Bromomethane (Methyl bromide)	50	56	+	1	111	23	35-144	20	11/18/2009 2351
2-Butanone (MEK)	100	110		1	105	11	57-148	20	11/18/2009 2351
Carbon disulfide	50	58		1	115	17	58-122	20	11/18/2009 2351
Carbon tetrachloride	50	54		1	108	18	58-136	20	11/18/2009 2351
Chlorobenzene	50	48		1	96	20	59-129	20	11/18/2009 2351
Chloroethane	50	55		1	109	16	50-132	20	11/18/2009 2351
Chloroform	50	50		1	99	18	71-125	20	11/18/2009 2351
Chloromethane (Methyl chloride)	50	68	N	1	137	19	34-134	20	11/18/2009 2351
Cyclohexane	50	53		1	107	17	53-139	20	11/18/2009 2351
1,2-Dibromo-3-chloropropane (DBCP)	50	53		1	106	20	55-125	20	11/18/2009 2351
Dibromochloromethane	50	46		1	92	17	66-119	20	11/18/2009 2351
1,2-Dibromoethane (EDB)	50	48		1	97	20	74-124	20	11/18/2009 2351
1,4-Dichlorobenzene	50	45	+	1	90	21	52-133	20	11/18/2009 2351
1,3-Dichlorobenzene	50	46	+	1	91	21	51-134	20	11/18/2009 2351
1,2-Dichlorobenzene	50	46	+	1	92	22	57-131	20	11/18/2009 2351
Dichlorodifluoromethane	50	70		1	140	15	10-157	20	11/18/2009 2351
1,2-Dichloroethane	50	52		1	104	18	67-129	20	11/18/2009 2351
1,1-Dichloroethane	50	50		1	101	17	71-127	20	11/18/2009 2351
trans-1,2-Dichloroethene	50	51		1	102	17	68-131	20	11/18/2009 2351
cis-1,2-Dichloroethene	50	51		1	101	18	70-122	20	11/18/2009 2351
1,1-Dichloroethene	50	52		1	103	16	69-138	20	11/18/2009 2351
1,2-Dichloropropane	50	50		1	100	17	72-124	20	11/18/2009 2351
trans-1,3-Dichloropropene	50	51		1	101	17	70-124	20	11/18/2009 2351
cis-1,3-Dichloropropene	50	51		1	102	16	70-126	20	11/18/2009 2351
Ethylbenzene	50	51		1	102	18	59-128	20	11/18/2009 2351
2-Hexanone	100	110		1	107	15	54-137	20	11/18/2009 2351
Isopropylbenzene	50	49	+	1	99	22	50-136	20	11/18/2009 2351
Methyl acetate	50	55		1	110	17	59-137	20	11/18/2009 2351
Methyl tertiary butyl ether (MTBE)	50	54		1	109	17	72-122	20	11/18/2009 2351
4-Methyl-2-pentanone	100	110		1	112	16	60-134	20	11/18/2009 2351
Methylcyclohexane	50	53		1	105	16	41-144	20	11/18/2009 2351
Methylene chloride	50	50		1	99	18	77-129	20	11/18/2009 2351
Styrene	50	53		1	105	19	54-136	20	11/18/2009 2351
1,1,2,2-Tetrachloroethane	50	46		1	93	20	69-132	20	11/18/2009 2351
Tetrachloroethene	50	49		1	98	17	70-130	20	11/18/2009 2351
Toluene	50	52		1	103	17	61-129	20	11/18/2009 2351
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	50		1	100	16	49-136	20	11/18/2009 2351
1,2,4-Trichlorobenzene	50	46	+	1	93	21	34-145	20	11/18/2009 2351
1,1,2-Trichloroethane	50	48		1	97	18	55-128	20	11/18/2009 2351
1,1,1-Trichloroethane	50	54		1	109	20	63-128	20	11/18/2009 2351

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ22074-003
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	50		1	101	17	62-126	20	11/18/2009 2351
Trichlorofluoromethane	50	56		1	112	14	45-138	20	11/18/2009 2351
Vinyl chloride	50	63		1	127	19	42-132	20	11/18/2009 2351
Xylenes (total)	100	100		1	102	19	58-128	20	11/18/2009 2351

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	47-138
1,2-Dichloroethane-d4		86	53-142
Toluene-d8		98	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: KK07012-004MS
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	ND	88	100		1	117	42-149	11/19/2009 0753
Benzene	ND	44	41		1	92	69-123	11/19/2009 0753
Bromodichloromethane	ND	44	40		1	90	69-121	11/19/2009 0753
Bromoform	ND	44	29		1	65	61-119	11/19/2009 0753
Bromomethane (Methyl bromide)	ND	44	44		1	100	35-144	11/19/2009 0753
2-Butanone (MEK)	ND	88	80		1	91	57-148	11/19/2009 0753
Carbon disulfide	ND	44	45		1	103	58-122	11/19/2009 0753
Carbon tetrachloride	ND	44	40		1	91	58-136	11/19/2009 0753
Chlorobenzene	ND	44	32		1	73	59-129	11/19/2009 0753
Chloroethane	ND	44	46		1	105	50-132	11/19/2009 0753
Chloroform	ND	44	40		1	90	71-125	11/19/2009 0753
Chloromethane (Methyl chloride)	ND	44	62	N	1	141	34-134	11/19/2009 0753
Cyclohexane	ND	44	34		1	78	53-139	11/19/2009 0753
1,2-Dibromo-3-chloropropane (DBCP)	ND	44	34		1	77	55-125	11/19/2009 0753
Dibromochloromethane	ND	44	34		1	78	66-119	11/19/2009 0753
1,2-Dibromoethane (EDB)	ND	44	37		1	83	74-124	11/19/2009 0753
1,4-Dichlorobenzene	ND	44	25		1	58	52-133	11/19/2009 0753
1,3-Dichlorobenzene	ND	44	26		1	59	51-134	11/19/2009 0753
1,2-Dichlorobenzene	2.3	44	24	N	1	49	57-131	11/19/2009 0753
Dichlorodifluoromethane	ND	44	59		1	135	10-157	11/19/2009 0753
1,2-Dichloroethane	ND	44	42		1	95	67-129	11/19/2009 0753
1,1-Dichloroethane	ND	44	42		1	94	71-127	11/19/2009 0753
trans-1,2-Dichloroethene	ND	44	41		1	93	68-131	11/19/2009 0753
cis-1,2-Dichloroethene	ND	44	40		1	90	70-122	11/19/2009 0753
1,1-Dichloroethene	ND	44	41		1	92	69-138	11/19/2009 0753
1,2-Dichloropropane	ND	44	40		1	91	72-124	11/19/2009 0753
trans-1,3-Dichloropropene	ND	44	39		1	88	70-124	11/19/2009 0753
cis-1,3-Dichloropropene	ND	44	38		1	86	70-126	11/19/2009 0753
Ethylbenzene	ND	44	35		1	79	59-128	11/19/2009 0753
2-Hexanone	1.5	88	83		1	95	54-137	11/19/2009 0753
Isopropylbenzene	ND	44	41		1	94	50-136	11/19/2009 0753
Methyl acetate	ND	44	68	N	1	154	59-137	11/19/2009 0753
Methyl tertiary butyl ether (MTBE)	ND	44	45		1	101	72-122	11/19/2009 0753
4-Methyl-2-pentanone	ND	88	88		1	100	60-134	11/19/2009 0753
Methylcyclohexane	ND	44	26		1	59	41-144	11/19/2009 0753
Methylene chloride	ND	44	40		1	91	77-129	11/19/2009 0753
Styrene	ND	44	29		1	65	54-136	11/19/2009 0753
1,1,2,2-Tetrachloroethane	ND	44	40		1	91	69-132	11/19/2009 0753
Tetrachloroethene	ND	44	34		1	77	70-130	11/19/2009 0753
Toluene	ND	44	38		1	85	61-129	11/19/2009 0753
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	44	37		1	84	49-136	11/19/2009 0753
1,2,4-Trichlorobenzene	ND	44	9.6	N	1	22	34-145	11/19/2009 0753
1,1,2-Trichloroethane	ND	44	38		1	87	55-128	11/19/2009 0753
1,1,1-Trichloroethane	ND	44	42		1	96	63-128	11/19/2009 0753

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: KK07012-004MS
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	ND	44	37		1	85	62-126	11/19/2009 0753
Trichlorofluoromethane	ND	44	47		1	106	45-138	11/19/2009 0753
Vinyl chloride	ND	44	57		1	129	42-132	11/19/2009 0753
Xylenes (total)	ND	88	66		1	75	58-128	11/19/2009 0753

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		71	47-138
1,2-Dichloroethane-d4		81	53-142
Toluene-d8		85	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MSD

Sample ID: KK07012-004MD
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	ND	100	130		1	124	20	42-149	20	11/19/2009 0816
Benzene	ND	51	52	+	1	103	25	69-123	20	11/19/2009 0816
Bromodichloromethane	ND	51	44		1	86	9.7	69-121	20	11/19/2009 0816
Bromoform	ND	51	29	N	1	58	1.6	61-119	20	11/19/2009 0816
Bromomethane (Methyl bromide)	ND	51	58	+	1	114	27	35-144	20	11/19/2009 0816
2-Butanone (MEK)	ND	100	110	+	1	105	28	57-148	20	11/19/2009 0816
Carbon disulfide	ND	51	60	+	1	119	29	58-122	20	11/19/2009 0816
Carbon tetrachloride	ND	51	53	+	1	105	28	58-136	20	11/19/2009 0816
Chlorobenzene	ND	51	37		1	73	14	59-129	20	11/19/2009 0816
Chloroethane	ND	51	61	+	1	120	27	50-132	20	11/19/2009 0816
Chloroform	ND	51	48		1	94	18	71-125	20	11/19/2009 0816
Chloromethane (Methyl chloride)	ND	51	85	N,+	1	168	31	34-134	20	11/19/2009 0816
Cyclohexane	ND	51	48	+	1	95	33	53-139	20	11/19/2009 0816
1,2-Dibromo-3-chloropropane (DBCP)	ND	51	46	+	1	91	30	55-125	20	11/19/2009 0816
Dibromochloromethane	ND	51	35		1	68	1.3	66-119	20	11/19/2009 0816
1,2-Dibromoethane (EDB)	ND	51	39		1	78	7.1	74-124	20	11/19/2009 0816
1,4-Dichlorobenzene	ND	51	28		1	55	8.7	52-133	20	11/19/2009 0816
1,3-Dichlorobenzene	ND	51	29		1	57	9.7	51-134	20	11/19/2009 0816
1,2-Dichlorobenzene	2.3	51	28	N	1	52	17	57-131	20	11/19/2009 0816
Dichlorodifluoromethane	ND	51	92	N,+	1	180	42	10-157	20	11/19/2009 0816
1,2-Dichloroethane	ND	51	47		1	93	12	67-129	20	11/19/2009 0816
1,1-Dichloroethane	ND	51	52	+	1	103	23	71-127	20	11/19/2009 0816
trans-1,2-Dichloroethene	ND	51	53	+	1	103	25	68-131	20	11/19/2009 0816
cis-1,2-Dichloroethene	ND	51	47		1	93	17	70-122	20	11/19/2009 0816
1,1-Dichloroethene	ND	51	57	+	1	111	33	69-138	20	11/19/2009 0816
1,2-Dichloropropane	ND	51	48		1	94	17	72-124	20	11/19/2009 0816
trans-1,3-Dichloropropene	ND	51	40		1	79	3.9	70-124	20	11/19/2009 0816
cis-1,3-Dichloropropene	ND	51	42		1	83	10	70-126	20	11/19/2009 0816
Ethylbenzene	ND	51	42		1	83	19	59-128	20	11/19/2009 0816
2-Hexanone	1.5	100	100		1	100	20	54-137	20	11/19/2009 0816
Isopropylbenzene	ND	51	49		1	96	16	50-136	20	11/19/2009 0816
Methyl acetate	ND	51	79	N	1	155	14	59-137	20	11/19/2009 0816
Methyl tertiary butyl ether (MTBE)	ND	51	47		1	93	5.3	72-122	20	11/19/2009 0816
4-Methyl-2-pentanone	ND	100	110		1	106	20	60-134	20	11/19/2009 0816
Methylcyclohexane	ND	51	40	+	1	78	41	41-144	20	11/19/2009 0816
Methylene chloride	ND	51	46		1	90	13	77-129	20	11/19/2009 0816
Styrene	ND	51	32		1	63	11	54-136	20	11/19/2009 0816
1,1,2,2-Tetrachloroethane	ND	51	42		1	83	4.3	69-132	20	11/19/2009 0816
Tetrachloroethene	ND	51	43	+	1	85	24	70-130	20	11/19/2009 0816
Toluene	ND	51	47	+	1	93	23	61-129	20	11/19/2009 0816
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	52	+	1	102	34	49-136	20	11/19/2009 0816
1,2,4-Trichlorobenzene	ND	51	12	N,+	1	24	23	34-145	20	11/19/2009 0816
1,1,2-Trichloroethane	ND	51	42		1	83	8.8	55-128	20	11/19/2009 0816
1,1,1-Trichloroethane	ND	51	56	+	1	110	27	63-128	20	11/19/2009 0816

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MSD

Sample ID: KK07012-004MD
Batch: 22074
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	ND	51	48	+	1	95	25	62-126	20	11/19/2009 0816
Trichlorofluoromethane	ND	51	64	+	1	127	32	45-138	20	11/19/2009 0816
Vinyl chloride	ND	51	83	N,+	1	164	37	42-132	20	11/19/2009 0816
Xylenes (total)	ND	100	81		1	80	20	58-128	20	11/19/2009 0816

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		82	47-138
1,2-Dichloroethane-d4		96	53-142
Toluene-d8		94	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Pesticides - MB

Sample ID: KQ21616-001
Batch: 21616
Analytical Method: 8081B

Matrix: Solid
Prep Method: 1311/3520C
Prep Date: 11/13/2009 6
Leachate Date: 11/10/2009 1555

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Chlordane	0.00	J	1	0.0025	0.00	mg/L	11/17/2009 2229
Endrin	0.00	J	1	0.00050	0.00	mg/L	11/17/2009 2229
gamma-BHC (Lindane)	0.00	J	1	0.00050	0.00	mg/L	11/17/2009 2229
Heptachlor	0.00	J	1	0.00050	0.00	mg/L	11/17/2009 2229
Heptachlor epoxide	0.00	J	1	0.00050	0.00	mg/L	11/17/2009 2229
Methoxychlor	0.00	J	1	0.0020	0.00	mg/L	11/17/2009 2229
Toxaphene	0.00	J	1	0.0050	0.00	mg/L	11/17/2009 2229

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		90	49-124
Tetrachloro-m-xylene		90	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Pesticides - LCS

Sample ID: KQ21616-002
Batch: 21616
Analytical Method: 8081B

Matrix: Solid
Prep Method: 1311/3520C
Prep Date: 11/13/2009 6
Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Endrin	0.0080	0.010		1	129	70-130	11/17/2009 2244
gamma-BHC (Lindane)	0.0080	0.0097		1	121	70-130	11/17/2009 2244
Heptachlor	0.0080	0.0091		1	114	70-130	11/17/2009 2244
Heptachlor epoxide	0.0080	0.0087		1	109	70-130	11/17/2009 2244
Methoxychlor	0.0080	0.0088		1	110	70-130	11/17/2009 2244

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		82	49-124
Tetrachloro-m-xylene		86	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Pesticides - MS

Sample ID: KK07012-006MS
Batch: 21616
Analytical Method: 8081B

Matrix: Solid
Prep Method: 1311/3520C
Prep Date: 11/13/2009 6
Leachate Date: 11/10/2009 1555

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
gamma-BHC (Lindane)	ND	0.010	0.0076	P	1	95	70-130	11/18/2009 0002
Endrin	ND	0.010	0.0080		1	100	70-130	11/18/2009 0002
Heptachlor	ND	0.010	0.0081		1	101	70-130	11/18/2009 0002
Heptachlor epoxide	ND	0.010	0.0070		1	88	70-130	11/18/2009 0002
Methoxychlor	ND	0.010	0.0096		1	120	70-130	11/18/2009 0002

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		94	49-124
Tetrachloro-m-xylene		87	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: KQ21759-001
Batch: 21759
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/16/2009 1109

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	1.7	0.25	ug/kg	11/17/2009 1507
4,4'-DDE	ND		1	1.7	0.32	ug/kg	11/17/2009 1507
4,4'-DDT	ND		1	1.7	0.28	ug/kg	11/17/2009 1507
Aldrin	ND		1	1.7	0.34	ug/kg	11/17/2009 1507
alpha-BHC	ND		1	1.7	0.39	ug/kg	11/17/2009 1507
alpha-Chlordane	ND		1	1.7	0.29	ug/kg	11/17/2009 1507
beta-BHC	ND		1	1.7	0.30	ug/kg	11/17/2009 1507
delta-BHC	ND		1	1.7	0.32	ug/kg	11/17/2009 1507
Dieldrin	ND		1	1.7	0.33	ug/kg	11/17/2009 1507
Endosulfan I	ND		1	1.7	0.34	ug/kg	11/17/2009 1507
Endosulfan II	ND		1	1.7	0.25	ug/kg	11/17/2009 1507
Endosulfan sulfate	ND		1	1.7	0.23	ug/kg	11/17/2009 1507
Endrin	ND		1	1.7	0.33	ug/kg	11/17/2009 1507
Endrin aldehyde	ND		1	1.7	0.30	ug/kg	11/17/2009 1507
Endrin ketone	ND		1	1.7	0.22	ug/kg	11/17/2009 1507
gamma-BHC (Lindane)	ND		1	1.7	0.36	ug/kg	11/17/2009 1507
gamma-Chlordane	ND		1	1.7	0.24	ug/kg	11/17/2009 1507
Heptachlor	ND		1	1.7	0.39	ug/kg	11/17/2009 1507
Heptachlor epoxide	ND		1	1.7	0.31	ug/kg	11/17/2009 1507
Methoxychlor	ND		1	6.7	1.3	ug/kg	11/17/2009 1507
Toxaphene	ND		1	83	9.1	ug/kg	11/17/2009 1507

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		100	58-123
Tetrachloro-m-xylene		89	51-103

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: KQ21759-002
Batch: 21759
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/16/2009 1109

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	17	20		1	116	50-130	11/17/2009 1523
4,4'-DDE	17	17		1	98	50-130	11/17/2009 1523
4,4'-DDT	17	20		1	115	50-130	11/17/2009 1523
Aldrin	17	17		1	99	50-130	11/17/2009 1523
alpha-BHC	17	19		1	115	50-130	11/17/2009 1523
alpha-Chlordane	17	17		1	97	50-130	11/17/2009 1523
beta-BHC	17	18		1	103	50-130	11/17/2009 1523
delta-BHC	17	20		1	117	50-130	11/17/2009 1523
Dieldrin	17	18		1	105	50-130	11/17/2009 1523
Endosulfan I	17	17		1	101	50-130	11/17/2009 1523
Endosulfan II	17	19		1	113	50-130	11/17/2009 1523
Endosulfan sulfate	17	18		1	104	50-130	11/17/2009 1523
Endrin	17	19		1	111	50-130	11/17/2009 1523
Endrin aldehyde	17	17		1	103	50-130	11/17/2009 1523
Endrin ketone	17	20		1	119	50-130	11/17/2009 1523
gamma-BHC (Lindane)	17	21		1	121	50-130	11/17/2009 1523
gamma-Chlordane	17	17		1	100	50-130	11/17/2009 1523
Heptachlor	17	18		1	106	50-130	11/17/2009 1523
Heptachlor epoxide	17	18		1	106	50-130	11/17/2009 1523
Methoxychlor	17	16		1	96	50-130	11/17/2009 1523

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		106	58-123
Tetrachloro-m-xylene		94	51-103

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MB

Sample ID: KQ21329-001
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		1	0.50	0.19	mg/kg	11/12/2009 1654
Barium	ND		1	1.3	0.091	mg/kg	11/12/2009 1654
Cadmium	ND		1	0.10	0.011	mg/kg	11/12/2009 1654
Chromium	ND		1	0.25	0.051	mg/kg	11/12/2009 1654
Lead	ND		1	0.50	0.093	mg/kg	11/12/2009 1654
Selenium	ND		1	0.50	0.17	mg/kg	11/12/2009 1654
Silver	ND		1	0.25	0.042	mg/kg	11/12/2009 1654

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCS

Sample ID: KQ21329-002
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	250	260		1	106	80-120	11/12/2009 1700
Barium	500	500		1	100	80-120	11/12/2009 1700
Cadmium	50	51		1	102	80-120	11/12/2009 1700
Chromium	250	230		1	93	80-120	11/12/2009 1700
Lead	250	260		1	106	80-120	11/12/2009 1700
Selenium	50	52		1	105	80-120	11/12/2009 1700
Silver	250	270		1	107	80-120	11/12/2009 1700

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCSD

Sample ID: KQ21329-003
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	250	270		1	107	1.6	80-120	20	11/12/2009 1706
Barium	500	510		1	102	2.2	80-120	20	11/12/2009 1706
Cadmium	50	52		1	104	1.7	80-120	20	11/12/2009 1706
Chromium	250	240		1	95	1.9	80-120	20	11/12/2009 1706
Lead	250	270		1	106	0.77	80-120	20	11/12/2009 1706
Selenium	50	52		1	105	0.14	80-120	20	11/12/2009 1706
Silver	250	270		1	109	1.9	80-120	20	11/12/2009 1706

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MS

Sample ID: KK07012-001MS
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	1.7	260	240		1	88	75-125	11/12/2009 1841
Barium	25	530	530		1	95	75-125	11/12/2009 1841
Cadmium	0.020	53	48		1	90	75-125	11/12/2009 1841
Chromium	8.6	260	240		1	87	75-125	11/12/2009 1841
Lead	6.8	260	260		1	94	75-125	11/12/2009 1841
Selenium	ND	53	46		1	86	75-125	11/12/2009 1841
Silver	ND	260	220		1	85	75-125	11/12/2009 1841

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MS

Sample ID: KK07012-004MS
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	0.48	300	280		1	93	75-125	11/12/2009 1916
Barium	6.3	600	600		1	99	75-125	11/12/2009 1916
Cadmium	ND	60	57		1	96	75-125	11/12/2009 1916
Chromium	2.2	300	280		1	92	75-125	11/12/2009 1916
Lead	3.2	300	300		1	99	75-125	11/12/2009 1916
Selenium	ND	60	55		1	91	75-125	11/12/2009 1916
Silver	ND	300	280		1	93	75-125	11/12/2009 2228

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MSD

Sample ID: KK07012-004MD
Batch: 21329
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/11/2009 2021

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	0.48	280	260		1	93	3.0	75-125	20	11/12/2009 1922
Barium	6.3	570	570		1	100	1.5	75-125	20	11/12/2009 1922
Cadmium	ND	57	55		1	97	1.8	75-125	20	11/12/2009 1922
Chromium	2.2	280	260		1	92	2.0	75-125	20	11/12/2009 1922
Lead	3.2	280	290		1	101	0.99	75-125	20	11/12/2009 1922
Selenium	ND	57	51		1	91	3.5	75-125	20	11/12/2009 1922
Silver	ND	280	280		1	99	3.9	75-125	20	11/12/2009 2234

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - MB

Sample ID: KQ21486-001
Batch: 21486
Analytical Method: 6010C

Matrix: Solid
Prep Method: 1311/3010A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		10	0.10	0.023	mg/L	11/12/2009 1822
Barium	ND		10	0.25	0.023	mg/L	11/12/2009 1822
Cadmium	ND		10	0.020	0.0030	mg/L	11/12/2009 1822
Chromium	ND		10	0.050	0.014	mg/L	11/12/2009 1822
Lead	ND		10	0.10	0.017	mg/L	11/12/2009 1822
Selenium	ND		10	0.10	0.032	mg/L	11/12/2009 1822
Silver	ND		10	0.050	0.0090	mg/L	11/12/2009 1822

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCS

Sample ID: KQ21486-002
Batch: 21486
Analytical Method: 6010C

Matrix: Solid
Prep Method: 1311/3010A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	5.0	5.0		10	101	80-120	11/12/2009 1826
Barium	10	11		10	113	80-120	11/12/2009 1826
Cadmium	1.0	1.1		10	109	80-120	11/12/2009 1826
Chromium	5.0	5.3		10	105	80-120	11/12/2009 1826
Lead	5.0	5.4		10	107	80-120	11/12/2009 1826
Selenium	1.0	1.1		10	107	80-120	11/12/2009 1826
Silver	5.0	5.3		10	106	80-120	11/12/2009 1826

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCSD

Sample ID: KQ21486-003
Batch: 21486
Analytical Method: 6010C

Matrix: Solid
Prep Method: 1311/3010A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	5.0	5.1		10	101	0.79	80-120	20	11/12/2009 1830
Barium	10	11		10	110	2.9	80-120	20	11/12/2009 1830
Cadmium	1.0	1.1		10	109	0.15	80-120	20	11/12/2009 1830
Chromium	5.0	5.2		10	104	1.4	80-120	20	11/12/2009 1830
Lead	5.0	5.3		10	106	1.6	80-120	20	11/12/2009 1830
Selenium	1.0	1.0		10	102	5.3	80-120	20	11/12/2009 1830
Silver	5.0	5.4		10	108	2.0	80-120	20	11/12/2009 1830

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MB

Sample ID: KQ21345-001
Batch: 21345
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/10/2009 2040

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.083	0.0059	mg/kg	11/10/2009 2144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCS

Sample ID: KQ21345-002
Batch: 21345
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/10/2009 2040

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.83	0.86		1	103	85-115	11/10/2009 2146

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCSD

Sample ID: KQ21345-003
Batch: 21345
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/10/2009 2040

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.83	0.87		1	104	0.97	85-115	20	11/10/2009 2148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MS

Sample ID: KK07012-004MS
Batch: 21345
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/10/2009 2040

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.027	0.92	1.1		1	112	85-115	11/10/2009 2231

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MSD

Sample ID: KK07012-004MD
Batch: 21345
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/10/2009 2040

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.027	1.0	1.1		1	105	1.9	85-115	20	11/10/2009 2233

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - MB

Sample ID: KQ21483-001
Batch: 21483
Analytical Method: 7470A

Matrix: Solid
Prep Method: 1311/7470A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.00020	0.000032	mg/L	11/11/2009 2241

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCS

Sample ID: KQ21483-002
Batch: 21483
Analytical Method: 7470A

Matrix: Solid
Prep Method: 1311/7470A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0018		1	91	85-115	11/11/2009 2243

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCSD

Sample ID: KQ21483-003
Batch: 21483
Analytical Method: 7470A

Matrix: Solid
Prep Method: 1311/7470A
Prep Date: 11/11/2009 1900 Leachate Date: 11/10/2009 1555

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0020		1	100	9.4	85-115	20	11/11/2009 2251

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 100488

Client	ARCADIS
Address	30 Patewood Dr., Suite 155
City / State / Zip Code	Greenville / SC / 29615
Project Name	Ft. Stewart (HAA01)
Project No.	GP08HAFS.H01B
P.O. No.	
Report to Contact	Andrew Davis
Sampler's Signature	x Bobby Wolf
Printed Name	Bobby Wolf
Telephone No. / Fax No. / E-mail	(864) 987-3900 / (864) 987-1669
Waybill No.	
Quote No.	
Page	1 of 1
Lot No.	KK07012

Analysis (Attach list if more space is needed.)

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Aqueous	Solid	Non-Aqueous	Unpres.	H2SO4	HNO3	HCl	NaOH	Other	VOCs	Metals	Resis	TCLP VOCs	TCLP Metals/Pest	pH, Ignity	Remarks / Cooler I.D.
HA01MW14 (1'-2')	11/6/09	900	G		X		2					1	X	X	X				
HA01MW14 (3'-4')		910	G		X		1					1	X	X					
HA01MW12 (1'-2')		1100	G		X		2					1	X	X	X				
HA01MW12 (3'-4')		1110	G		X		1					1	X	X					
HA01MW12 (3'-4') MS		1115	G		X		1					1	X	X					
HA01MW12 (3'-4') MSD		1120	G		X		1					1	X	X					
H-13-HAA01		1415	G		X		3									X	X	X	
H-14-HAA01		1425	G		X		3									X	X	X	
Trip Blank				X						2			X						

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify)

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: Bobby Wolf	11/7/09	1027	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Laboratory received by	11/7/09	1027

Comments:

LAB USE ONLY: Received on ice (Circle) Yes No Ice Pack

Receipt Temp. 5.3 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08.04.02

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

DMP 11/7/09

Client: ARCADIS Cooler Inspected by/date: DMP / 11/7/09 Lot #: KK07012

Means of receipt: ☐ SESI ☑ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☑	NA ☐	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 5.3 / ____ °C ____ / ____ °C ____ / ____ °C ____ / ____ °C
____ / ____ °C ____ / ____ °C ____ / ____ °C ____ / ____ °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other:_____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s)_____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number) _____.

Sample(s)_____ were received with bubbles >6 mm in diameter.

Sample(s)_____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s)_____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee:_____ Date of response: _____

Comments:_____

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07012
HAA-01

Analytical data were evaluated in accordance with applicable USEPA SW-846 method requirements, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999), analytical method control criteria, the analytical laboratory Quality Assurance Control Limits, the Fort Stewart Military Reservation and Hunter Army Airfield Quality Assurance Project Plan (ARCADIS-2008), and professional judgment.

The data review summarized in this report includes a review of all sample collection documentation and the electronic data validation of the analytical data housed in the project database. Sample collection documentation included sample collection logs and chains of custody. The electronic data validation was performed utilizing the EQuIS Data Qualification Module (DQM). DQM checks for the following parameters:

- Holding times and preservation;
- Blank contamination;
    1. Method blanks,
    2. Trip blanks,
    3. Equipment blanks;
- Matrix spike and Duplicate sample recovery;
- Matrix Spike and Matrix Spike Duplicate relative percent differences;
- Laboratory Control Sample and Duplicate recovery;
- Laboratory Control Sample and Duplicate relative percent differences;
- Surrogate recovery (organic analyses only); and
- Field duplicate relative percent difference.

Manual review was performed for the following items:

- Sample dilutions and reporting limits;
- Case Narratives; and
- Laboratory Duplicates

Data was generated by Shealy Environmental Services, Inc. – West Columbia, South Carolina. Data qualifiers were applied electronically to the database with any additional qualifiers added manually. A summary of the data as amended by data qualifiers is included with the original hard copy reports.

The attached table summarizes the data that were qualified due to QC deficiencies. The table indicates compounds/analytes qualified based on electronic and manual validation. Refer to the associated method section of the validation checklist for a detailed explanation of qualification. All other data in these SDGs are considered usable as reported.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07012
HAA-01

The following list of data qualifiers and definitions were applied in accordance with qualification criteria defined in the above guidance documents:

UB Compound/analyte detected in blank or associated blank, qualified as a non-detect at listed value.

J The analyte was positively identified, but the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reporting limit; however, the reported quantitation limit is approximate and may, or may not represent the actual limit of quantitation necessary to accurately and precisely measure analyte in the sample.

R The sample result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria; and the presence or absence of the analyte cannot be verified.

U Not detected at the quantitative reporting limit

DQM RUN BY:	Rachelle Borne	12/28/09
REVIEW PERFORMED BY:	Rachelle Borne	12/28/09
SIGNATURE:	Rachelle Borne	12/31/09
PEER REVIEW:	Dennis Capria	01/04/10

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07012
HAA-01

The following samples were included in this SDG:

SDG	Sample ID	Sample Date	Parent Sample
KK07012	H-13-HAA01	11/6/2009	
KK07012	H-14-HAA01	11/6/2009	
KK07012	HA01MW12 (1-2)	11/6/2009	
KK07012	HA01MW14 (1-2)	11/6/2009	
KK07012	HA01MW14 (3-4)	11/6/2009	
KK07012	HAO1MW12 (3-4)	11/6/2009	
KK07012	TRIP BLANK1(110709)	11/7/2009	

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07012
HAA-01

ANALYTICAL DATA PACKAGE DOCUMENTATION

GENERAL INFORMATION

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Methods of analysis		X		X	
4. Reporting limits of analysis		X		X	
5. Master tracking list		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preparation/extraction date		X		X	
9. Sample analysis date		X		X	
10. Copy of chain-of-custody form signed by lab sample custodian		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Laboratory Signature		X		X	
13. South Carolina Certification Number		X		X	

QA - quality assurance

The analytical report was complete with the following exceptions or notations.

Note: The laboratory reported values between the quantitative reporting limit and the method detection limit as estimated concentrations. The "J" qualifier was retained in this validation. Non-detect values are reported at the quantitative reporting limit.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK07012
HAA-01

VOLATILE ORGANIC COMPOUNDS and TCLP VOLATILE ORGANIC COMPOUNDS

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks		DQM	DQM	
B. Equipment blanks	NA		NA	
C. Trip blanks		DQM	DQM	
4. Surrogate spike recoveries	DQM		DQM	
5. Laboratory control sample (LCS) A. LCS %R	DQM		DQM	
B. LCS duplicate (LCSD) %R		DQM		DQM
C. LCS/LCSD RPD		DQM		DQM
6. Matrix spike (MS)				
A. MS %R		DQM		DQM
B. MS duplicate (MSD) %R		DQM		DQM
C. MS/MSD precision (RPD)		DQM		DQM
7. Field Duplicate precision (RPD)	NA		NA	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Method 8260.

3A. Acetone and carbon disulfide were detected in the method blank for batch 21834. The trip blank was the only sample analyzed in this analytical batch; therefore, qualification of the data is not warranted.

3C. Acetone and carbon disulfide were detected in the trip blank. The associated field samples were non-detect for carbon disulfide; therefore qualification is not warranted. The associated field samples are qualified as non-detect for acetone if he sample concentration is less than ten times the blank value.

5. The recovery of chloromethane was above the control limit in the LCSD for batch 22074. All detections of this compound in the associated field samples are qualified as estimated. The RPDs for several compounds were above the control limit. The associated field samples are qualified as estimated for these compounds. See the attached qualification summary for details of the qualifications.

6. HAO1MW12(3-4) was used for the MS/MSD. Several recoveries and RPDs were outside of the control limit. The parent sample only will be qualified as estimated for these deficiencies when applicable. See the attached qualification summary for details of the qualifications.

H-14-HAA01 was used for the MS/MSD for the TCLP fraction. The recoveries and RPDs were acceptable.

PESTICIDES and TCLP PESTICIDES

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks	DQM		DQM	
B. Equipment blanks	NA		NA	
4. Surrogate spike recoveries	DQM		DQM	
5. Laboratory control sample (LCS) A. LCS %R	DQM		DQM	
B. LCS duplicate (LCSD) %R	NA		NA	
C. LCS/LCSD RPD	NA		NA	
6. Matrix spike (MS)				
A. MS %R	DQM		DQM	
B. MS duplicate (MSD) %R	DQM		DQM	
C. MS/MSD precision (RPD)	DQM		DQM	
7. Field Duplicate precision (RPD)	NA		NA	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Method 8081.

Note: The %D between the two GC columns for the Dieldrin result for sample HA01MW14(1-2) was above 40% and was flagged with a “P” by the laboratory. The dieldrin result for this sample was less than the reporting limit; therefore the “P” will be changed to a “U” to indicate that the results is non-detect.

6. H-14-HAA01 was used as the MS/MSD for the TCLP fraction. The recoveries and RPDs were acceptable.

METALS and TCLP METALS

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks	DQM		DQM	
B. Equipment blanks	NA		NA	
4. Laboratory control sample (LCS) A. LCS %R	DQM		DQM	
B. LCS duplicate (LCSD) %R	DQM		DQM	
C. LCS/LCSD RPD	DQM		DQM	
5. Matrix spike (MS)				
A. MS %R	DQM		DQM	
B. MS duplicate (MSD) %R	DQM		DQM	
C. MS/MSD precision (RPD)	DQM		DQM	
6. Field Duplicate precision (RPD)	NA		NA	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Methods 6010C and 7471B.

6. HAO1MW12(3-4) was used as the MS/MSD for mercury and metals. The recoveries and RPDs were acceptable.

   HA01MW14 was used as the MS for metals. The recoveries were acceptable.

Report of Analysis

ARCADIS U.S., Inc.
30 Patewood Drive
Suite 155
Greenville, SC 29615
Attention: Janet Christy

Project Name: Fort Stewart (HAA01)

Project Number: GP08HAFS.H01B

Lot Number: KK16021

Date Completed: 12/01/2009

Date Revised: 12/22/2009

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* K K 1 6 0 2 1 *

Case Narrative
ARCADIS U.S., Inc.
Lot Number: KK16021

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary

ARCADIS U.S., Inc.

Lot Number: KK16021

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	HA01MW10 (1'-2')	Solid	11/09/2009 1425	11/16/2009
002	HA01MW10 (3'-4')	Solid	11/09/2009 1520	11/16/2009
003	HA01MW11 (1'-2')	Solid	11/09/2009 1642	11/16/2009
004	HA01MW11 (2-3')	Solid	11/09/2009 1700	11/16/2009
005	HA01MW13 (1'-2')	Solid	11/10/2009 1000	11/16/2009
006	HA01MW13 (4'-5')	Solid	11/09/2009 1035	11/16/2009
007	DI (110909)	Solid	11/09/2009	11/16/2009
008	HA01SB001 (8'-10')	Solid	11/10/2009 1105	11/16/2009

(8 samples)

Executive Summary
ARCADIS U.S., Inc.
Lot Number: KK16021

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	HA01MW10 (1'-2')	Solid	Mercury	7471B	0.035	J	mg/kg	9
001	HA01MW10 (1'-2')	Solid	Arsenic	6010C	1.0		mg/kg	10
001	HA01MW10 (1'-2')	Solid	Barium	6010C	10		mg/kg	10
001	HA01MW10 (1'-2')	Solid	Chromium	6010C	2.0	B	mg/kg	10
001	HA01MW10 (1'-2')	Solid	Lead	6010C	6.0	B	mg/kg	10
002	HA01MW10 (3'-4')	Solid	Isopropylbenzene	8260B	8.4		ug/kg	11
002	HA01MW10 (3'-4')	Solid	Mercury	7471B	0.027	J	mg/kg	13
002	HA01MW10 (3'-4')	Solid	Arsenic	6010C	0.47	J	mg/kg	14
002	HA01MW10 (3'-4')	Solid	Barium	6010C	8.7		mg/kg	14
002	HA01MW10 (3'-4')	Solid	Chromium	6010C	2.3	B	mg/kg	14
002	HA01MW10 (3'-4')	Solid	Lead	6010C	2.2	B	mg/kg	14
002	HA01MW10 (3'-4')	Solid	Selenium	6010C	0.23	J	mg/kg	14
003	HA01MW11 (1'-2')	Solid	Mercury	7471B	0.025	J	mg/kg	18
003	HA01MW11 (1'-2')	Solid	Arsenic	6010C	0.30	J	mg/kg	19
003	HA01MW11 (1'-2')	Solid	Barium	6010C	8.2		mg/kg	19
003	HA01MW11 (1'-2')	Solid	Chromium	6010C	3.2	B	mg/kg	19
003	HA01MW11 (1'-2')	Solid	Lead	6010C	4.5	B	mg/kg	19
003	HA01MW11 (1'-2')	Solid	Silver	6010C	0.095	J	mg/kg	19
004	HA01MW11 (2-3')	Solid	Mercury	7471B	0.060	J	mg/kg	22
004	HA01MW11 (2-3')	Solid	Arsenic	6010C	0.46	J	mg/kg	23
004	HA01MW11 (2-3')	Solid	Barium	6010C	13		mg/kg	23
004	HA01MW11 (2-3')	Solid	Chromium	6010C	6.0	B	mg/kg	23
004	HA01MW11 (2-3')	Solid	Lead	6010C	6.5	B	mg/kg	23
004	HA01MW11 (2-3')	Solid	Silver	6010C	0.22	J	mg/kg	23
005	HA01MW13 (1'-2')	Solid	Arsenic	6010C	0.25	J	mg/kg	28
005	HA01MW13 (1'-2')	Solid	Barium	6010C	2.4		mg/kg	28
005	HA01MW13 (1'-2')	Solid	Chromium	6010C	0.91	B	mg/kg	28
005	HA01MW13 (1'-2')	Solid	Lead	6010C	2.1	B	mg/kg	28
006	HA01MW13 (4'-5')	Solid	Carbon tetrachloride	8260B	4.6	J	ug/kg	29
006	HA01MW13 (4'-5')	Solid	Mercury	7471B	0.042	J	mg/kg	31
006	HA01MW13 (4'-5')	Solid	Arsenic	6010C	0.29	J	mg/kg	32
006	HA01MW13 (4'-5')	Solid	Barium	6010C	23		mg/kg	32
006	HA01MW13 (4'-5')	Solid	Chromium	6010C	9.9	B	mg/kg	32
006	HA01MW13 (4'-5')	Solid	Lead	6010C	5.2	B	mg/kg	32
007	DI (110909)	Solid	Mercury	7471B	0.047	J	mg/kg	35
007	DI (110909)	Solid	Arsenic	6010C	0.48	J	mg/kg	36
007	DI (110909)	Solid	Barium	6010C	15		mg/kg	36
007	DI (110909)	Solid	Chromium	6010C	6.1	B	mg/kg	36
007	DI (110909)	Solid	Lead	6010C	8.5	B	mg/kg	36
007	DI (110909)	Solid	Selenium	6010C	0.38	J	mg/kg	36
007	DI (110909)	Solid	Silver	6010C	0.24	J	mg/kg	36
008	HA01SB001 (8'-10')	Solid	Arsenic	6010C	2.3		mg/kg	39
008	HA01SB001 (8'-10')	Solid	Barium	6010C	20		mg/kg	39
008	HA01SB001 (8'-10')	Solid	Chromium	6010C	6.9	B	mg/kg	39
008	HA01SB001 (8'-10')	Solid	Lead	6010C	4.2	B	mg/kg	39

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(45 detections)

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-001
Description: HA01MW10 (1'-2')	Matrix: Solid
Date Sampled: 11/09/2009 1425	% Solids: 84.2 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1712	DLB		22222	3.39

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		35	12	ug/kg	1
Benzene	71-43-2	8260B	ND		8.8	1.9	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		8.8	3.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		8.8	1.2	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		8.8	3.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		18	4.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		8.8	2.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		8.8	3.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		8.8	3.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		8.8	2.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		8.8	1.5	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		8.8	1.8	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		8.8	1.2	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		8.8	2.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		8.8	3.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		8.8	1.5	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		8.8	3.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		8.8	3.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		8.8	3.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		8.8	2.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		8.8	1.3	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		8.8	1.8	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		8.8	3.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		8.8	1.3	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		8.8	2.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		8.8	1.6	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		8.8	1.2	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		8.8	1.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		8.8	3.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		18	2.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		8.8	1.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		8.8	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		8.8	0.70	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		18	2.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		8.8	1.1	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		8.8	4.6	ug/kg	1
Styrene	100-42-5	8260B	ND		8.8	1.9	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		8.8	0.82	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		8.8	4.0	ug/kg	1
Toluene	108-88-3	8260B	ND		8.8	3.0	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		8.8	3.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		8.8	3.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		8.8	1.5	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		8.8	1.4	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-001
Description: HA01MW10 (1'-2')	Matrix: Solid
Date Sampled: 11/09/2009 1425	% Solids: 84.2 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1712	DLB		22222	3.39

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		8.8	3.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		8.8	2.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		8.8	1.5	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		8.8	5.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		78	53-142
Bromofluorobenzene		66	47-138
Toluene-d8		85	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KK16021-001
Description: HA01MW10 (1'-2')
Matrix: Solid
Date Sampled: 11/09/2009 1425
% Solids: 84.2 11/16/2009 1940
Date Received: 11/16/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8081B	1	12/01/2009 0226	ASB	11/23/2009 1635	22297

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		2.0	0.40	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		2.0	0.46	ug/kg	1
beta-BHC	319-85-7	8081B	ND		2.0	0.36	ug/kg	1
delta-BHC	319-86-8	8081B	ND		2.0	0.38	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		2.0	0.43	ug/kg	1
alpha-Chlordane	5103-71-9	8081B	ND		2.0	0.34	ug/kg	1
gamma-Chlordane	5103-74-2	8081B	ND		2.0	0.28	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		2.0	0.30	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		2.0	0.38	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		2.0	0.33	ug/kg	1
Dieldrin	60-57-1	8081B	ND		2.0	0.39	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		2.0	0.40	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		2.0	0.30	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		2.0	0.27	ug/kg	1
Endrin	72-20-8	8081B	ND		2.0	0.39	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		2.0	0.36	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		2.0	0.26	ug/kg	1
Heptachlor	76-44-8	8081B	ND		2.0	0.46	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		2.0	0.37	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		7.9	1.6	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		98	11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		66	58-123
Tetrachloro-m-xylene		58	51-103

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-001
Description: HA01MW10 (1'-2')	Matrix: Solid
Date Sampled: 11/09/2009 1425	% Solids: 84.2 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/21/2009 1815	BNW	11/21/2009 1630	21918

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.035	J	0.098	0.0070	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-001
Description: HA01MW10 (1'-2')	Matrix: Solid
Date Sampled: 11/09/2009 1425	% Solids: 84.2 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/20/2009 1737	KJC	11/19/2009 1612	21917

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	1.0		0.58	0.22	mg/kg	1
Barium	7440-39-3	6010C	10		1.5	0.11	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.12	0.012	mg/kg	1
Chromium	7440-47-3	6010C	2.0	B	0.29	0.059	mg/kg	1
Lead	7439-92-1	6010C	6.0	B	0.58	0.11	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.58	0.20	mg/kg	1
Silver	7440-22-4	6010C	ND		0.29	0.049	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-002
Description: HA01MW10 (3'-4')	Matrix: Solid
Date Sampled: 11/09/2009 1520	% Solids: 76.4 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1743	DLB		22222	4.82

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		27	9.1	ug/kg	1
Benzene	71-43-2	8260B	ND		6.8	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.8	2.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.8	0.95	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.8	2.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.8	1.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.8	2.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.8	2.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.8	1.8	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.8	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.8	1.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.8	0.91	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.8	2.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.8	2.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.8	1.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.8	2.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.8	2.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.8	2.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.8	2.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.8	0.99	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.8	1.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.8	2.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.8	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.8	2.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.8	1.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.8	0.92	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.8	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.8	2.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		14	1.8	ug/kg	1
Isopropylbenzene	98-82-8	8260B	8.4		6.8	1.1	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.8	0.91	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.8	0.54	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.0	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.8	0.83	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.8	3.5	ug/kg	1
Styrene	100-42-5	8260B	ND		6.8	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.8	0.64	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.8	3.1	ug/kg	1
Toluene	108-88-3	8260B	ND		6.8	2.3	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.8	2.9	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.8	2.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.8	1.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.8	1.1	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-002
Description: HA01MW10 (3'-4')	Matrix: Solid
Date Sampled: 11/09/2009 1520	% Solids: 76.4 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1743	DLB		22222	4.82

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.8	2.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.8	2.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.8	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.8	3.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		79	53-142
Bromofluorobenzene		62	47-138
Toluene-d8		83	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-002
Description: HA01MW10 (3'-4')	Matrix: Solid
Date Sampled: 11/09/2009 1520	% Solids: 76.4 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/21/2009 1819	BNW	11/21/2009 1630	21918

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.027	J	0.10	0.0074	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-002
Description: HA01MW10 (3'-4')	Matrix: Solid
Date Sampled: 11/09/2009 1520	% Solids: 76.4 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/20/2009 1801	KJC	11/19/2009 1612	21917

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.47	J	0.65	0.24	mg/kg	1
Barium	7440-39-3	6010C	8.7		1.7	0.12	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.13	0.014	mg/kg	1
Chromium	7440-47-3	6010C	2.3	B	0.32	0.066	mg/kg	1
Lead	7439-92-1	6010C	2.2	B	0.65	0.12	mg/kg	1
Selenium	7782-49-2	6010C	0.23	J	0.65	0.23	mg/kg	1
Silver	7440-22-4	6010C	ND		0.32	0.055	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-003
Description: HA01MW11 (1'-2')	Matrix: Solid
Date Sampled: 11/09/2009 1642	% Solids: 80.0 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1806	DLB		22222	4.68

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		27	9.0	ug/kg	1
Benzene	71-43-2	8260B	ND		6.7	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.7	2.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.7	0.94	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.7	2.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.7	1.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.7	2.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.7	2.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.7	1.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.7	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.7	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.7	0.90	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.7	2.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.7	2.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.7	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.7	2.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.7	2.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.7	2.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.7	2.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.7	0.98	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.7	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.7	2.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.7	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.7	2.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.7	1.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.7	0.91	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.7	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.7	2.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.7	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.7	1.1	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.7	0.90	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.7	0.53	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	2.0	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.7	0.81	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.7	3.5	ug/kg	1
Styrene	100-42-5	8260B	ND		6.7	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.7	0.63	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.7	3.1	ug/kg	1
Toluene	108-88-3	8260B	ND		6.7	2.3	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.7	2.8	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.7	2.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.7	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.7	1.1	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-003
Description: HA01MW11 (1'-2')	Matrix: Solid
Date Sampled: 11/09/2009 1642	% Solids: 80.0 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1806	DLB		22222	4.68

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.7	2.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.7	2.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.7	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.7	3.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	53-142
Bromofluorobenzene		74	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KK16021-003
Description: HA01MW11 (1'-2')
Matrix: Solid
Date Sampled: 11/09/2009 1642
% Solids: 80.0 11/16/2009 1940
Date Received: 11/16/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8081B	1	12/01/2009 0241	ASB	11/23/2009 1635	22297

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		2.0	0.40	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		2.0	0.46	ug/kg	1
beta-BHC	319-85-7	8081B	ND		2.0	0.35	ug/kg	1
delta-BHC	319-86-8	8081B	ND		2.0	0.38	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		2.0	0.43	ug/kg	1
alpha-Chlordane	5103-71-9	8081B	ND		2.0	0.34	ug/kg	1
gamma-Chlordane	5103-74-2	8081B	ND		2.0	0.28	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		2.0	0.30	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		2.0	0.38	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		2.0	0.33	ug/kg	1
Dieldrin	60-57-1	8081B	ND		2.0	0.39	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		2.0	0.40	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		2.0	0.30	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		2.0	0.27	ug/kg	1
Endrin	72-20-8	8081B	ND		2.0	0.39	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		2.0	0.35	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		2.0	0.26	ug/kg	1
Heptachlor	76-44-8	8081B	ND		2.0	0.46	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		2.0	0.37	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		7.9	1.6	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		98	11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		89	58-123
Tetrachloro-m-xylene		68	51-103

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-003
Description: HA01MW11 (1'-2')	Matrix: Solid
Date Sampled: 11/09/2009 1642	% Solids: 80.0 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/21/2009 1822	BNW	11/21/2009 1630	21918

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.025	J	0.099	0.0070	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-003
Description: HA01MW11 (1'-2')	Matrix: Solid
Date Sampled: 11/09/2009 1642	% Solids: 80.0 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/20/2009 1807	KJC	11/19/2009 1612	21917

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.30	J	0.62	0.23	mg/kg	1
Barium	7440-39-3	6010C	8.2		1.6	0.11	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.12	0.013	mg/kg	1
Chromium	7440-47-3	6010C	3.2	B	0.31	0.063	mg/kg	1
Lead	7439-92-1	6010C	4.5	B	0.62	0.12	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.62	0.22	mg/kg	1
Silver	7440-22-4	6010C	0.095	J	0.31	0.052	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-004
Description: HA01MW11 (2-3')	Matrix: Solid
Date Sampled: 11/09/2009 1700	% Solids: 77.1 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1829	DLB		22222	5.55

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.82	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.97	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.79	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.99	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.85	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.89	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.79	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.96	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.94	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	0.78	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.47	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.71	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.8	2.7	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	2.5	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.99	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.92	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-004
Description: HA01MW11 (2-3')	Matrix: Solid
Date Sampled: 11/09/2009 1700	% Solids: 77.1 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1829	DLB		22222	5.55

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		72	47-138
Toluene-d8		90	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-004
Description: HA01MW11 (2-3')	Matrix: Solid
Date Sampled: 11/09/2009 1700	% Solids: 77.1 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/21/2009 1829	BNW	11/21/2009 1630	21918

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.060	J	0.11	0.0076	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-004
Description: HA01MW11 (2-3')	Matrix: Solid
Date Sampled: 11/09/2009 1700	% Solids: 77.1 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/20/2009 1813	KJC	11/19/2009 1612	21917

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.46	J	0.63	0.24	mg/kg	1
Barium	7440-39-3	6010C	13		1.6	0.11	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.13	0.013	mg/kg	1
Chromium	7440-47-3	6010C	6.0	B	0.31	0.064	mg/kg	1
Lead	7439-92-1	6010C	6.5	B	0.63	0.12	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.63	0.22	mg/kg	1
Silver	7440-22-4	6010C	0.22	J	0.31	0.053	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-005
Description: HA01MW13 (1'-2')	Matrix: Solid
Date Sampled: 11/10/2009 1000	% Solids: 85.5 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1851	DLB		22222	4.24

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		28	9.2	ug/kg	1
Benzene	71-43-2	8260B	ND		6.9	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.9	2.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.9	0.97	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.9	2.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.9	1.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.9	2.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.9	2.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.9	1.8	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.9	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.9	1.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.9	0.93	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.9	2.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.9	2.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.9	1.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.9	2.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.9	2.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.9	2.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.9	2.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.9	1.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.9	1.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.9	2.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.9	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.9	2.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.9	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.9	0.94	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.9	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.9	2.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		14	1.8	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.9	1.1	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.9	0.92	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.9	0.55	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.1	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.9	0.84	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.9	3.6	ug/kg	1
Styrene	100-42-5	8260B	ND		6.9	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.9	0.65	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.9	3.2	ug/kg	1
Toluene	108-88-3	8260B	ND		6.9	2.3	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.9	2.9	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.9	2.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.9	1.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.9	1.1	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-005
Description: HA01MW13 (1'-2')	Matrix: Solid
Date Sampled: 11/10/2009 1000	% Solids: 85.5 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 1851	DLB		22222	4.24

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.9	2.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.9	2.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.9	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.9	4.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		98	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KK16021-005
Description: HA01MW13 (1'-2')
Matrix: Solid
Date Sampled: 11/10/2009 1000
% Solids: 85.5 11/16/2009 1940
Date Received: 11/16/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8081B	1	12/01/2009 0257	ASB	11/23/2009 1635	22297

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		1.8	0.37	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.8	0.42	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.8	0.32	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.8	0.34	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.8	0.39	ug/kg	1
alpha-Chlordane	5103-71-9	8081B	ND		1.8	0.31	ug/kg	1
gamma-Chlordane	5103-74-2	8081B	ND		1.8	0.26	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.8	0.27	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.8	0.34	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		1.8	0.30	ug/kg	1
Dieldrin	60-57-1	8081B	ND		1.8	0.36	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.8	0.37	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.8	0.27	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.8	0.25	ug/kg	1
Endrin	72-20-8	8081B	ND		1.8	0.36	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.8	0.32	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.8	0.24	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.8	0.42	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.8	0.33	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		7.2	1.4	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		89	9.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	58-123
Tetrachloro-m-xylene		61	51-103

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-005
Description: HA01MW13 (1'-2')	Matrix: Solid
Date Sampled: 11/10/2009 1000	% Solids: 85.5 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/21/2009 1831	BNW	11/21/2009 1630	21918

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	ND		0.094	0.0067	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-005
Description: HA01MW13 (1'-2')	Matrix: Solid
Date Sampled: 11/10/2009 1000	% Solids: 85.5 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/20/2009 1819	KJC	11/19/2009 1612	21917

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.25	J	0.57	0.22	mg/kg	1
Barium	7440-39-3	6010C	2.4		1.5	0.10	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.11	0.012	mg/kg	1
Chromium	7440-47-3	6010C	0.91	B	0.29	0.058	mg/kg	1
Lead	7439-92-1	6010C	2.1	B	0.57	0.11	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.57	0.20	mg/kg	1
Silver	7440-22-4	6010C	ND		0.29	0.048	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-006
Description: HA01MW13 (4'-5')	Matrix: Solid
Date Sampled: 11/09/2009 1035	% Solids: 87.8 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 2058	DLB		22222	5.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.5	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	0.79	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	4.6	J	5.6	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	0.93	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	0.76	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.96	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	0.82	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	0.85	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.76	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.92	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.90	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	0.75	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.45	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	0.69	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.53	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.6	2.6	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	2.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.96	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.89	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-006
Description: HA01MW13 (4'-5')	Matrix: Solid
Date Sampled: 11/09/2009 1035	% Solids: 87.8 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 2058	DLB		22222	5.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	0.97	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		98	47-138
Toluene-d8		100	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-006
Description: HA01MW13 (4'-5')	Matrix: Solid
Date Sampled: 11/09/2009 1035	% Solids: 87.8 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/21/2009 1834	BNW	11/21/2009 1630	21918

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.042	J	0.092	0.0066	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KK16021-006
Description: HA01MW13 (4'-5')
Matrix: Solid
Date Sampled: 11/09/2009 1035
% Solids: 87.8 11/16/2009 1940
Date Received: 11/16/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/20/2009 1825	KJC	11/19/2009 1612	21917

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.29	J	0.55	0.21	mg/kg	1
Barium	7440-39-3	6010C	23		1.4	0.10	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.11	0.012	mg/kg	1
Chromium	7440-47-3	6010C	9.9	B	0.28	0.056	mg/kg	1
Lead	7439-92-1	6010C	5.2	B	0.55	0.10	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.55	0.19	mg/kg	1
Silver	7440-22-4	6010C	ND		0.28	0.046	mg/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-007
Description: DI (110909)	Matrix: Solid
Date Sampled: 11/09/2009	% Solids: 77.8 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 2120	DLB		22222	6.33

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.71	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.1	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.84	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.1	0.68	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.86	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.74	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.77	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.92	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.69	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.83	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.81	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.1	0.68	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.62	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.1	2.3	ug/kg	1
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	2.1	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.86	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.80	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-007
Description: DI (110909)	Matrix: Solid
Date Sampled: 11/09/2009	% Solids: 77.8 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 2120	DLB		22222	6.33

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.87	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		73	47-138
Toluene-d8		89	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-007
Description: DI (110909)	Matrix: Solid
Date Sampled: 11/09/2009	% Solids: 77.8 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/21/2009 1836	BNW	11/21/2009 1630	21918

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	0.047	J	0.11	0.0076	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-007
Description: DI (110909)	Matrix: Solid
Date Sampled: 11/09/2009	% Solids: 77.8 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/20/2009 1831	KJC	11/19/2009 1612	21917

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.48	J	0.62	0.23	mg/kg	1
Barium	7440-39-3	6010C	15		1.6	0.11	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.12	0.013	mg/kg	1
Chromium	7440-47-3	6010C	6.1	B	0.31	0.063	mg/kg	1
Lead	7439-92-1	6010C	8.5	B	0.62	0.11	mg/kg	1
Selenium	7782-49-2	6010C	0.38	J	0.62	0.21	mg/kg	1
Silver	7440-22-4	6010C	0.24	J	0.31	0.052	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-008
Description: HA01SB001 (8'-10')	Matrix: Solid
Date Sampled: 11/10/2009 1105	% Solids: 84.9 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	11/19/2009 2143	DLB		24134	5.76

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	53-142
Bromofluorobenzene		86	47-138
Toluene-d8		90	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-008
Description: HA01SB001 (8'-10')	Matrix: Solid
Date Sampled: 11/10/2009 1105	% Solids: 84.9 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	11/21/2009 1839	BNW	11/21/2009 1630	21918

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7471B	ND		0.095	0.0068	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.	Laboratory ID: KK16021-008
Description: HA01SB001 (8'-10')	Matrix: Solid
Date Sampled: 11/10/2009 1105	% Solids: 84.9 11/16/2009 1940
Date Received: 11/16/2009	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	11/20/2009 1837	KJC	11/19/2009 1612	21917

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	2.3		0.58	0.22	mg/kg	1
Barium	7440-39-3	6010C	20		1.5	0.10	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.12	0.012	mg/kg	1
Chromium	7440-47-3	6010C	6.9	B	0.29	0.058	mg/kg	1
Lead	7439-92-1	6010C	4.2	B	0.58	0.11	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.58	0.20	mg/kg	1
Silver	7440-22-4	6010C	ND		0.29	0.048	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ22222-001
Batch: 22222
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	11/19/2009 1521
Benzene	ND		1	5.0	1.1	ug/kg	11/19/2009 1521
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
Bromoform	ND		1	5.0	0.70	ug/kg	11/19/2009 1521
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	11/19/2009 1521
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	11/19/2009 1521
Carbon disulfide	ND		1	5.0	1.3	ug/kg	11/19/2009 1521
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	11/19/2009 1521
Chlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
Chloroethane	ND		1	5.0	1.3	ug/kg	11/19/2009 1521
Chloroform	ND		1	5.0	0.83	ug/kg	11/19/2009 1521
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	11/19/2009 1521
Cyclohexane	ND		1	5.0	0.67	ug/kg	11/19/2009 1521
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	11/19/2009 1521
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	11/19/2009 1521
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	11/19/2009 1521
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	11/19/2009 1521
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	11/19/2009 1521
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	11/19/2009 1521
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	11/19/2009 1521
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	11/19/2009 1521
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	11/19/2009 1521
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	11/19/2009 1521
Ethylbenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
2-Hexanone	ND		1	10	1.3	ug/kg	11/19/2009 1521
Isopropylbenzene	ND		1	5.0	0.80	ug/kg	11/19/2009 1521
Methyl acetate	ND		1	5.0	0.67	ug/kg	11/19/2009 1521
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	11/19/2009 1521
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	11/19/2009 1521
Methylcyclohexane	ND		1	5.0	0.61	ug/kg	11/19/2009 1521
Methylene chloride	ND		1	5.0	2.6	ug/kg	11/19/2009 1521
Styrene	ND		1	5.0	1.1	ug/kg	11/19/2009 1521
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	11/19/2009 1521
Tetrachloroethene	ND		1	5.0	2.3	ug/kg	11/19/2009 1521
Toluene	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	2.1	ug/kg	11/19/2009 1521
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	11/19/2009 1521
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	11/19/2009 1521
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	11/19/2009 1521

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ22222-001
Batch: 22222
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	11/19/2009 1521
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	11/19/2009 1521
Vinyl chloride	ND		1	5.0	0.86	ug/kg	11/19/2009 1521
Xylenes (total)	ND		1	5.0	2.9	ug/kg	11/19/2009 1521

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	47-138
1,2-Dichloroethane-d4		93	53-142
Toluene-d8		99	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ22222-002
Batch: 22222
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	80		1	80	42-149	11/19/2009 1350
Benzene	50	49		1	99	69-123	11/19/2009 1350
Bromodichloromethane	50	51		1	102	69-121	11/19/2009 1350
Bromoform	50	42		1	84	61-119	11/19/2009 1350
Bromomethane (Methyl bromide)	50	51		1	102	35-144	11/19/2009 1350
2-Butanone (MEK)	100	85		1	85	57-148	11/19/2009 1350
Carbon disulfide	50	55		1	109	58-122	11/19/2009 1350
Carbon tetrachloride	50	52		1	104	58-136	11/19/2009 1350
Chlorobenzene	50	47		1	94	59-129	11/19/2009 1350
Chloroethane	50	53		1	105	50-132	11/19/2009 1350
Chloroform	50	48		1	96	71-125	11/19/2009 1350
Chloromethane (Methyl chloride)	50	63		1	126	34-134	11/19/2009 1350
Cyclohexane	50	50		1	99	53-139	11/19/2009 1350
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	83	55-125	11/19/2009 1350
Dibromochloromethane	50	45		1	89	66-119	11/19/2009 1350
1,2-Dibromoethane (EDB)	50	43		1	87	74-124	11/19/2009 1350
1,4-Dichlorobenzene	50	45		1	90	52-133	11/19/2009 1350
1,3-Dichlorobenzene	50	46		1	91	51-134	11/19/2009 1350
1,2-Dichlorobenzene	50	44		1	89	57-131	11/19/2009 1350
Dichlorodifluoromethane	50	66		1	132	10-157	11/19/2009 1350
1,2-Dichloroethane	50	50		1	99	67-129	11/19/2009 1350
1,1-Dichloroethane	50	49		1	99	71-127	11/19/2009 1350
trans-1,2-Dichloroethene	50	49		1	98	68-131	11/19/2009 1350
cis-1,2-Dichloroethene	50	48		1	96	70-122	11/19/2009 1350
1,1-Dichloroethene	50	49		1	97	69-138	11/19/2009 1350
1,2-Dichloropropane	50	49		1	99	72-124	11/19/2009 1350
trans-1,3-Dichloropropene	50	49		1	97	70-124	11/19/2009 1350
cis-1,3-Dichloropropene	50	49		1	99	70-126	11/19/2009 1350
Ethylbenzene	50	50		1	99	59-128	11/19/2009 1350
2-Hexanone	100	86		1	86	54-137	11/19/2009 1350
Isopropylbenzene	50	48		1	96	50-136	11/19/2009 1350
Methyl acetate	50	46		1	92	59-137	11/19/2009 1350
Methyl tertiary butyl ether (MTBE)	50	49		1	97	72-122	11/19/2009 1350
4-Methyl-2-pentanone	100	91		1	91	60-134	11/19/2009 1350
Methylcyclohexane	50	51		1	102	41-144	11/19/2009 1350
Methylene chloride	50	47		1	94	77-129	11/19/2009 1350
Styrene	50	51		1	102	54-136	11/19/2009 1350
1,1,2,2-Tetrachloroethane	50	41		1	83	69-132	11/19/2009 1350
Tetrachloroethene	50	48		1	96	70-130	11/19/2009 1350
Toluene	50	50		1	99	61-129	11/19/2009 1350
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	48		1	96	49-136	11/19/2009 1350
1,2,4-Trichlorobenzene	50	44		1	88	34-145	11/19/2009 1350
1,1,2-Trichloroethane	50	45		1	90	55-128	11/19/2009 1350
1,1,1-Trichloroethane	50	51		1	103	63-128	11/19/2009 1350

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ22222-002
Batch: 22222
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	48		1	96	62-126	11/19/2009 1350
Trichlorofluoromethane	50	56		1	112	45-138	11/19/2009 1350
Vinyl chloride	50	57		1	115	42-132	11/19/2009 1350
Xylenes (total)	100	99		1	99	58-128	11/19/2009 1350

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		95	47-138
1,2-Dichloroethane-d4		86	53-142
Toluene-d8		95	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ22222-003
Batch: 22222
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	81		1	81	2.1	42-149	20	11/19/2009 1413
Benzene	50	50		1	100	1.2	69-123	20	11/19/2009 1413
Bromodichloromethane	50	51		1	103	1.0	69-121	20	11/19/2009 1413
Bromoform	50	43		1	85	1.2	61-119	20	11/19/2009 1413
Bromomethane (Methyl bromide)	50	50		1	99	2.6	35-144	20	11/19/2009 1413
2-Butanone (MEK)	100	88		1	88	3.8	57-148	20	11/19/2009 1413
Carbon disulfide	50	55		1	110	0.55	58-122	20	11/19/2009 1413
Carbon tetrachloride	50	53		1	106	1.9	58-136	20	11/19/2009 1413
Chlorobenzene	50	47		1	95	0.40	59-129	20	11/19/2009 1413
Chloroethane	50	52		1	104	0.79	50-132	20	11/19/2009 1413
Chloroform	50	49		1	99	2.5	71-125	20	11/19/2009 1413
Chloromethane (Methyl chloride)	50	63		1	127	0.29	34-134	20	11/19/2009 1413
Cyclohexane	50	51		1	103	3.3	53-139	20	11/19/2009 1413
1,2-Dibromo-3-chloropropane (DBCP)	50	45		1	91	8.6	55-125	20	11/19/2009 1413
Dibromochloromethane	50	45		1	89	0.28	66-119	20	11/19/2009 1413
1,2-Dibromoethane (EDB)	50	44		1	88	1.0	74-124	20	11/19/2009 1413
1,4-Dichlorobenzene	50	44		1	88	1.7	52-133	20	11/19/2009 1413
1,3-Dichlorobenzene	50	45		1	91	0.74	51-134	20	11/19/2009 1413
1,2-Dichlorobenzene	50	44		1	88	0.48	57-131	20	11/19/2009 1413
Dichlorodifluoromethane	50	66		1	131	0.44	10-157	20	11/19/2009 1413
1,2-Dichloroethane	50	50		1	101	1.7	67-129	20	11/19/2009 1413
1,1-Dichloroethane	50	50		1	100	1.4	71-127	20	11/19/2009 1413
trans-1,2-Dichloroethene	50	50		1	99	0.97	68-131	20	11/19/2009 1413
cis-1,2-Dichloroethene	50	49		1	98	2.1	70-122	20	11/19/2009 1413
1,1-Dichloroethene	50	49		1	98	0.86	69-138	20	11/19/2009 1413
1,2-Dichloropropane	50	50		1	100	1.6	72-124	20	11/19/2009 1413
trans-1,3-Dichloropropene	50	48		1	96	1.4	70-124	20	11/19/2009 1413
cis-1,3-Dichloropropene	50	50		1	101	2.1	70-126	20	11/19/2009 1413
Ethylbenzene	50	49		1	99	0.45	59-128	20	11/19/2009 1413
2-Hexanone	100	90		1	90	4.0	54-137	20	11/19/2009 1413
Isopropylbenzene	50	48		1	97	1.2	50-136	20	11/19/2009 1413
Methyl acetate	50	49		1	99	6.5	59-137	20	11/19/2009 1413
Methyl tertiary butyl ether (MTBE)	50	49		1	99	1.4	72-122	20	11/19/2009 1413
4-Methyl-2-pentanone	100	96		1	96	5.5	60-134	20	11/19/2009 1413
Methylcyclohexane	50	52		1	103	0.84	41-144	20	11/19/2009 1413
Methylene chloride	50	47		1	95	1.0	77-129	20	11/19/2009 1413
Styrene	50	51		1	102	0.057	54-136	20	11/19/2009 1413
1,1,2,2-Tetrachloroethane	50	43		1	85	2.8	69-132	20	11/19/2009 1413
Tetrachloroethene	50	48		1	96	0.69	70-130	20	11/19/2009 1413
Toluene	50	51		1	101	2.4	61-129	20	11/19/2009 1413
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	48		1	96	0.43	49-136	20	11/19/2009 1413
1,2,4-Trichlorobenzene	50	44		1	89	1.0	34-145	20	11/19/2009 1413
1,1,2-Trichloroethane	50	45		1	91	0.20	55-128	20	11/19/2009 1413
1,1,1-Trichloroethane	50	53		1	106	2.6	63-128	20	11/19/2009 1413

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ22222-003
Batch: 22222
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	50		1	100	3.2	62-126	20	11/19/2009 1413
Trichlorofluoromethane	50	55		1	111	1.3	45-138	20	11/19/2009 1413
Vinyl chloride	50	60		1	119	3.5	42-132	20	11/19/2009 1413
Xylenes (total)	100	99		1	99	0.39	58-128	20	11/19/2009 1413

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		96	47-138
1,2-Dichloroethane-d4		87	53-142
Toluene-d8		98	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ24134-001
Batch: 24134
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Toluene	ND		1	5.0	1.7	ug/kg	11/19/2009 1521

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	47-138
1,2-Dichloroethane-d4		93	53-142
Toluene-d8		99	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24134-002
Batch: 24134
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Toluene	50	50		1	99	61-129	11/19/2009 1350

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		95	47-138
1,2-Dichloroethane-d4		86	53-142
Toluene-d8		95	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ24134-003
Batch: 24134
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Toluene	50	51		1	101	2.4	61-129	20	11/19/2009 1413

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		96	47-138
1,2-Dichloroethane-d4		87	53-142
Toluene-d8		98	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: KQ22297-001
Batch: 22297
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/23/2009 1635

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	1.7	0.25	ug/kg	12/01/2009 0155
4,4'-DDE	ND		1	1.7	0.32	ug/kg	12/01/2009 0155
4,4'-DDT	ND		1	1.7	0.28	ug/kg	12/01/2009 0155
Aldrin	ND		1	1.7	0.34	ug/kg	12/01/2009 0155
alpha-BHC	ND		1	1.7	0.39	ug/kg	12/01/2009 0155
alpha-Chlordane	ND		1	1.7	0.29	ug/kg	12/01/2009 0155
beta-BHC	ND		1	1.7	0.30	ug/kg	12/01/2009 0155
delta-BHC	ND		1	1.7	0.32	ug/kg	12/01/2009 0155
Dieldrin	ND		1	1.7	0.33	ug/kg	12/01/2009 0155
Endosulfan I	ND		1	1.7	0.34	ug/kg	12/01/2009 0155
Endosulfan II	ND		1	1.7	0.25	ug/kg	12/01/2009 0155
Endosulfan sulfate	ND		1	1.7	0.23	ug/kg	12/01/2009 0155
Endrin	ND		1	1.7	0.33	ug/kg	12/01/2009 0155
Endrin aldehyde	ND		1	1.7	0.30	ug/kg	12/01/2009 0155
Endrin ketone	ND		1	1.7	0.22	ug/kg	12/01/2009 0155
gamma-BHC (Lindane)	ND		1	1.7	0.36	ug/kg	12/01/2009 0155
gamma-Chlordane	ND		1	1.7	0.24	ug/kg	12/01/2009 0155
Heptachlor	ND		1	1.7	0.39	ug/kg	12/01/2009 0155
Heptachlor epoxide	ND		1	1.7	0.31	ug/kg	12/01/2009 0155
Methoxychlor	ND		1	6.7	1.3	ug/kg	12/01/2009 0155
Toxaphene	ND		1	83	9.1	ug/kg	12/01/2009 0155

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		106	58-123
Tetrachloro-m-xylene		90	51-103

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: KQ22297-002
Batch: 22297
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3550C
Prep Date: 11/23/2009 1635

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	17	16		1	95	50-130	12/01/2009 0210
4,4'-DDE	17	16		1	92	50-130	12/01/2009 0210
4,4'-DDT	17	16		1	96	50-130	12/01/2009 0210
Aldrin	17	14		1	83	50-130	12/01/2009 0210
alpha-BHC	17	14		1	83	50-130	12/01/2009 0210
alpha-Chlordane	17	15		1	91	50-130	12/01/2009 0210
beta-BHC	17	13		1	78	50-130	12/01/2009 0210
delta-BHC	17	18		1	108	50-130	12/01/2009 0210
Dieldrin	17	16		1	94	50-130	12/01/2009 0210
Endosulfan I	17	15		1	88	50-130	12/01/2009 0210
Endosulfan II	17	17		1	100	50-130	12/01/2009 0210
Endosulfan sulfate	17	16		1	94	50-130	12/01/2009 0210
Endrin	17	16		1	93	50-130	12/01/2009 0210
Endrin aldehyde	17	18		1	103	50-130	12/01/2009 0210
Endrin ketone	17	16		1	97	50-130	12/01/2009 0210
gamma-BHC (Lindane)	17	14		1	85	50-130	12/01/2009 0210
gamma-Chlordane	17	17		1	102	50-130	12/01/2009 0210
Heptachlor	17	14		1	84	50-130	12/01/2009 0210
Heptachlor epoxide	17	14		1	85	50-130	12/01/2009 0210
Methoxychlor	17	15		1	89	50-130	12/01/2009 0210

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		105	58-123
Tetrachloro-m-xylene		81	51-103

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MB

Sample ID: KQ21917-001
Batch: 21917
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/19/2009 1612

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		1	0.50	0.19	mg/kg	11/20/2009 1650
Barium	ND		1	1.3	0.091	mg/kg	11/20/2009 1650
Cadmium	ND		1	0.10	0.011	mg/kg	11/20/2009 1650
Chromium	0.076	J	1	0.25	0.051	mg/kg	11/20/2009 1650
Lead	0.27	J	1	0.50	0.093	mg/kg	11/20/2009 1650
Selenium	ND		1	0.50	0.17	mg/kg	11/20/2009 1650
Silver	ND		1	0.25	0.042	mg/kg	11/20/2009 1650

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCS

Sample ID: KQ21917-002
Batch: 21917
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/19/2009 1612

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	250	230		1	94	80-120	11/20/2009 1656
Barium	500	480		1	96	80-120	11/20/2009 1656
Cadmium	50	47		1	95	80-120	11/20/2009 1656
Chromium	250	240		1	96	80-120	11/20/2009 1656
Lead	250	220		1	90	80-120	11/20/2009 1656
Selenium	50	50		1	100	80-120	11/20/2009 1656
Silver	250	240		1	98	80-120	11/20/2009 1656

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCSD

Sample ID: KQ21917-003
Batch: 21917
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/19/2009 1612

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	250	230		1	91	3.4	80-120	20	11/20/2009 1702
Barium	500	470		1	93	2.6	80-120	20	11/20/2009 1702
Cadmium	50	46		1	92	3.5	80-120	20	11/20/2009 1702
Chromium	250	230		1	93	3.3	80-120	20	11/20/2009 1702
Lead	250	220		1	86	3.6	80-120	20	11/20/2009 1702
Selenium	50	47		1	95	4.9	80-120	20	11/20/2009 1702
Silver	250	240		1	95	2.6	80-120	20	11/20/2009 1702

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MS

Sample ID: KK16021-001MS
Batch: 21917
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 11/19/2009 1612

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	1.0	300	270		1	92	75-125	11/20/2009 1743
Barium	10	590	570		1	94	75-125	11/20/2009 1743
Cadmium	ND	59	56		1	94	75-125	11/20/2009 1743
Chromium	2.0	300	280		1	96	75-125	11/20/2009 1743
Lead	6.0	300	270		1	88	75-125	11/20/2009 1743
Selenium	ND	59	58		1	98	75-125	11/20/2009 1743
Silver	ND	300	290		1	98	75-125	11/20/2009 1743

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MB

Sample ID: KQ21918-001
Batch: 21918
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/21/2009 1630

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.083	0.0059	mg/kg	11/21/2009 1750

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCS

Sample ID: KQ21918-002
Batch: 21918
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/21/2009 1630

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.83	0.83		1	99	85-115	11/21/2009 1752

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCSD

Sample ID: KQ21918-003
Batch: 21918
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/21/2009 1630

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.83	0.82		1	98	1.0	85-115	20	11/21/2009 1759

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MS

Sample ID: KK16021-001MS
Batch: 21918
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 11/21/2009 1630

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.035	0.96	1.1		1	106	85-115	11/21/2009 1817

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

SHEALY *Chain of Custody Record*

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
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Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 100367

Client: ARCADIS	Report to Contact: Andrew Davis	Telephone No. / Fax No. / E-mail: (864) 987-3900 / (864) 987-1609	Quote No.
Address: 30 Patewood Dr, Suite 155	Sampler's Signature: X [signature]	Waybill No.	Page 1 of 1
City: Greenville; State: SC; Zip Code: 29615	Printed Name: Bobby Wolf	Analysis (Attach list if more space is needed.)	
Project Name: Ft. Stewart (HAA01)			
Project No.: GP08 HAFS.H01B	P.O. No.		Lot No.: KK1602

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	NaS_2O_3	VOCs	Metals	Pesticides	Remarks / Cooler I.D.
HA01MW10 (1'-2')	11/9/09	1425	G		X		2					1	X	X	X	
HA01MW10 (3'-4')	11/9/09	1520	G		X		1					1	X	X		
HA01MW11 (1'-2')	11/9/09	1642	G		X		2					1	X	X	X	
HA01MW11 (2'-3')	11/9/09	1700	G		X		1					1	X	X		
HA01MW13 (1'-2')	11/10/09	1000	G		X		2					1	X	X	X	
HA01MW13 (4'-5')	11/10/09	1035	G		X		1					1	X	X		
D1 (110909)	11/9/09		G		X		1					1	X	X		
HA01SB001 (8'-10')	11/10/09	1105	G		X		1					1	X	~~X~~		

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify)

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: [signature]	11/14/09	1020	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Laboratory received by: [signature]	11/14/09	1020

Comments:

LAB USE ONLY: Received on ice (Circle) Yes No Ice Pack

Receipt Temp. 5.8 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Page 1 of 1
Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Arcadis Cooler Inspected by/date: EW / 11/14/1 Lot #: KK16021

Means of receipt: ☐ SESI ☑ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☑	NA ☐	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 5 / 8 °C / °C / °C / °C
/ °C / °C / °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☒	No ☑	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee: _____ Date of response: _____

Comments: _____

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK16021
HAA-01

Analytical data were evaluated in accordance with applicable USEPA SW-846 method requirements, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999), "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (July 2002), analytical method control criteria, the analytical laboratory Quality Assurance Control Limits, the Fort Stewart Military Reservation and Hunter Army Airfield Quality Assurance Project Plan (ARCADIS-2008), and professional judgment.

The data review summarized in this report includes a review of all sample collection documentation and the electronic data validation of the analytical data housed in the project database. Sample collection documentation included sample collection logs and chains of custody. The electronic data validation was performed utilizing the EQuIS Data Qualification Module (DQM). DQM checks for the following parameters:

- Holding times and preservation;
- Blank contamination;
    1. Method blanks,
    2. Trip blanks,
    3. Equipment blanks;
- Matrix spike and Duplicate sample recovery;
- Matrix Spike and Matrix Spike Duplicate relative percent differences;
- Laboratory Control Sample and Duplicate recovery;
- Laboratory Control Sample and Duplicate relative percent differences;
- Surrogate recovery (organic analyses only); and
- Field duplicate relative percent difference.

Manual review was performed for the following items:

- Sample dilutions and reporting limits;
- Case Narratives; and
- Laboratory Duplicates

Data was generated by Shealy Environmental Services, Inc. – West Columbia, South Carolina. Data qualifiers were applied electronically to the database with any additional qualifiers added manually. A summary of the data as amended by data qualifiers is included with the original hard copy reports.

The attached table summarizes the data that were qualified due to QC deficiencies. The table indicates compounds/analytes qualified based on electronic and manual validation. Refer to the associated method section of the validation checklist for a detailed explanation of qualification. All other data in these SDGs are considered usable as reported.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK16021
HAA-01

The following list of data qualifiers and definitions were applied in accordance with qualification criteria defined in the above guidance documents:

UB Compound/analyte detected in blank or associated blank, qualified as a non-detect at listed value.

J The analyte was positively identified, but the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reporting limit; however, the reported quantitation limit is approximate and may, or may not represent the actual limit of quantitation necessary to accurately and precisely measure analyte in the sample.

R The sample result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria; and the presence or absence of the analyte cannot be verified.

U Not detected at the quantitative reporting limit

DQM RUN BY:	Rachelle Borne	01/27/10
REVIEW PERFORMED BY:	Rachelle Borne	01/27/10
SIGNATURE:	Rachelle Borne	01/29/10
PEER REVIEW:	Dennis Capria	2/2/10

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK16021
HAA-01

The following samples were included in this SDG:

SDG	Sample ID	Sample Date	Parent Sample
KK16021	DI (110909)	11/9/2009	HA01MW11 (2-3')
KK16021	HA01MW10 (1'-2')	11/9/2009	
KK16021	HA01MW10 (3'-4')	11/9/2009	
KK16021	HA01MW11 (1'-2')	11/9/2009	
KK16021	HA01MW11 (2-3')	11/9/2009	
KK16021	HA01MW13 (1'-2')	11/10/2009	
KK16021	HA01MW13 (4'-5')	11/9/2009	
KK16021	HA01SB001 (8'-10')	11/10/2009	

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK16021
HAA-01

ANALYTICAL DATA PACKAGE DOCUMENTATION

GENERAL INFORMATION

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Methods of analysis		X		X	
4. Reporting limits of analysis		X		X	
5. Master tracking list		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preparation/extraction date		X		X	
9. Sample analysis date		X		X	
10. Copy of chain-of-custody form signed by lab sample custodian		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Laboratory Signature		X		X	
13. South Carolina Certification Number		X		X	

QA - quality assurance

The analytical report was complete with the following exceptions or notations.

Note: The laboratory reported values between the quantitative reporting limit and the method detection limit as estimated concentrations. The "J" qualifier was retained in this validation. Non-detect values are reported at the quantitative reporting limit.

All soils were reported on a dry weight basis.

VOLATILE ORGANIC COMPOUNDS

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks	DQM		DQM	
B. Equipment blanks	NA		NA	
C. Trip blanks	NA		NA	
4. Surrogate spike recoveries	DQM		DQM	
5. Laboratory control sample (LCS) A. LCS %R	DQM		DQM	
B. LCS duplicate (LCSD) %R	DQM		DQM	
C. LCS/LCSD RPD	DQM		DQM	
6. Matrix spike (MS)				
A. MS %R	NA		NA	
B. MS duplicate (MSD) %R	NA		NA	
C. MS/MSD precision (RPD)	NA		NA	
7. Field Duplicate precision (RPD)	DQM		DQM	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Method 8260B.

7. Sample location DI(110909) was collected as a field duplicate of HA01MW-11(2-3). The RPDs were acceptable at non-detect.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK16021
HAA-01

ORGANOCHLORINE PESTICIDES

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks	DQM		DQM	
B. Equipment blanks	NA		NA	
4. Surrogate spike recoveries	DQM		DQM	
5. Laboratory control sample (LCS) A. LCS %R	DQM		DQM	
B. LCS duplicate (LCSD) %R	NA		NA	
C. LCS/LCSD RPD	NA		NA	
6. Matrix spike (MS)				
A. MS %R	NA		NA	
B. MS duplicate (MSD) %R	NA		NA	
C. MS/MSD precision (RPD)	NA		NA	
7. Field Duplicate precision (RPD)	NA		NA	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Method 8081B.

No qualification necessary.

HUNTER STEWART
ELECTRONIC VALIDATION REVIEW REPORT
SDG: KK16021
HAA-01

METALS

Items Reviewed	DQM Deficiency		Qualification Applied	
	No	Yes	No	Yes
1. Holding times/Preservation	DQM		DQM	
2. Reporting limits	M		M	
3. Blanks				
A. Method blanks		DQM	DQM	
B. Equipment blanks	NA		NA	
4. Laboratory control sample (LCS) A. LCS %R	DQM		DQM	
B. LCS duplicate (LCSD) %R	DQM		DQM	
C. LCS/LCSD RPD	DQM		DQM	
5. Matrix spike (MS)				
A. MS %R	DQM		DQM	
B. MS duplicate (MSD) %R	NA		NA	
C. MS/MSD precision (RPD)	NA		NA	
6. Field Duplicate precision (RPD)	DQM		DQM	

M – Manual Review %R - percent recovery RPD - relative percent difference DQM – Data Qualification Module

Comments:
This section presents a discussion of any additions or changes to the electronic data validation for compounds analyzed by Methods 6010C and 7471B.

3A. Analytes chromium and lead were detected in the method blank. The associated field sample results were greater than five times the blank value; therefore, qualification of the data is not warranted.

5A. Sample location HA01MW10(1-2) was used as a site-specific MS. The recoveries were acceptable.

6. Sample location DI(110909) was collected as a field duplicate of HA01MW-11(2-3). The RPDs were acceptable at less than 40%.

Report of Analysis

ARCADIS U.S., Inc.
30 Patewood Drive
Suite 155
Greenville, SC 29615
Attention: Janet Christy

Project Name: Hunter - HAA-01

Project Number: GP08HAFS.H01B.NALTM

Lot Number: KL17018

Date Completed: 01/09/2010

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* K L 1 7 0 1 8 *

Case Narrative
ARCADIS U.S., Inc.
Lot Number: KL17018

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Semivolatile Organic Compounds

The surrogate recovery for Phenol-d5 i sample -001, MB and LCS was outside the acceptance limit in batch 24198. No sample remained for re-extraction. The LCS recovery for six analytes was slightly outside method control limits in batch 24198. As per method, it is statistically likely that a few analytes will be outside control limits; up to five analytes may marginally exceed the control limits. Therefore the associated sample results were reported and no corrective action was required.

The MS/MSD recoveries for many analytes in batch 24198 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Pesticides

As per method requirements, only one of the surrogates has to be within acceptance limits. The sample results are reported and no corrective action is required.

Sample Summary

ARCADIS U.S., Inc.

Lot Number: KL17018

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	HAA01-MW-18 (121609)	Aqueous	12/16/2009 1348	12/17/2009
002	HMW-9 (121609)	Aqueous	12/16/2009 1710	12/17/2009
003	HMW-11 (121609)	Aqueous	12/16/2009 1408	12/17/2009
004	HMW-8 (121609)	Aqueous	12/16/2009 1225	12/17/2009
005	HMW-2 (121609)	Aqueous	12/16/2009 1105	12/17/2009
006	TB-03 (121609)	Aqueous	12/17/2009 0850	12/17/2009

(6 samples)

Executive Summary

ARCADIS U.S., Inc.

Lot Number: KL17018

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	HAA01-MW-18 (121609)	Aqueous	Barium	6010C	0.011	J	mg/L	11

(1 detection)

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-001
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0616	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-001
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0616	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-001
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/07/2010 2325	GLR	12/23/2009 1630	24198

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.1	0.10	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.1	0.18	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.1	0.36	ug/L	1
Anthracene	120-12-7	8270D	ND		1.1	0.15	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.1	0.22	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.6	1.1	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.1	0.17	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.1	0.18	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.1	0.22	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.1	0.26	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.1	0.13	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.1	0.22	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.1	0.13	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.6	1.9	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.6	1.4	ug/L	1
Carbazole	86-74-8	8270D	ND		1.1	0.28	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.1	0.25	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.1	0.15	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.1	0.15	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.1	0.15	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.1	0.090	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.1	0.13	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.1	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.1	0.12	ug/L	1
Chrysene	218-01-9	8270D	ND		1.1	0.13	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.1	0.15	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.1	0.18	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.6	0.91	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.1	0.17	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.6	1.9	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.6	1.9	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.1	0.35	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.6	1.9	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.6	1.7	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.6	0.28	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.2	0.51	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.2	0.45	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.6	1.9	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.6	1.9	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.1	0.24	ug/L	1
Fluorene	86-73-7	8270D	ND		1.1	0.11	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.1	0.24	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.1	0.10	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.6	0.26	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-001
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/07/2010 2325	GLR	12/23/2009 1630	24198

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.1	0.12	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.1	0.26	ug/L	1
Isophorone	78-59-1	8270D	ND		1.1	0.090	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.1	0.090	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.1	0.19	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.2	0.64	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.1	0.079	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.2	0.62	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.2	0.87	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.2	0.44	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.1	0.11	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.2	0.30	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.6	0.72	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.1	0.090	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.1	0.43	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.6	0.61	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.1	0.20	ug/L	1
Phenol	108-95-2	8270D	ND		1.1	0.12	ug/L	1
Pyrene	129-00-0	8270D	ND		1.1	0.18	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.1	0.20	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.1	0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		42	37-129
2-Fluorophenol	N	22	24-127
Nitrobenzene-d5		39	38-127
Phenol-d5	N	13	28-128
Terphenyl-d14		44	10-148
2,4,6-Tribromophenol	N	37	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-001
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 1805	NCM	12/23/2009 1130	24171

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.028	0.0022	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.028	0.0033	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.028	0.021	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.028	0.0089	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.028	0.0056	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.028	0.0033	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.028	0.0033	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.028	0.0033	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.028	0.0044	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.028	0.0067	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.028	0.027	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.028	0.0033	ug/L	1
Endrin	72-20-8	8081B	ND		0.028	0.0056	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.028	0.0033	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.028	0.0044	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.028	0.022	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.028	0.0033	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.11	0.016	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.28	0.033	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	49-124
Tetrachloro-m-xylene		84	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-001
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/17/2009 2347	BNW	12/17/2009 2030	23801

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-001
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/19/2009 2000	CDF	12/18/2009 1630	23888
2	3005A	6010C	1	12/21/2009 1742	KJC	12/18/2009 1630	23888

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.011	J	0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	0.00040	mg/L	2

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-002
Description: HMW-9 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1710
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0638	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-002
Description: HMW-9 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1710
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0638	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-003
Description: HMW-11 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1408
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0700	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-003
Description: HMW-11 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1408
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0700	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-004
Description: HMW-8 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1225
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0721	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-004
Description: HMW-8 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1225
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0721	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-005
Description: HMW-2 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1105
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0744	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-005
Description: HMW-2 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1105
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0744	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-006
Description: TB-03 (121609)
Matrix: Aqueous
Date Sampled: 12/17/2009 0850
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0805	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17018-006
Description: TB-03 (121609)
Matrix: Aqueous
Date Sampled: 12/17/2009 0850
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0805	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ24457-001
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	12/29/2009 0236
Benzene	ND		1	0.50	0.027	ug/L	12/29/2009 0236
Bromodichloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Bromoform	ND		1	0.50	0.010	ug/L	12/29/2009 0236
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	12/29/2009 0236
2-Butanone (MEK)	ND		1	10	2.0	ug/L	12/29/2009 0236
Carbon disulfide	ND		1	0.50	0.097	ug/L	12/29/2009 0236
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	12/29/2009 0236
Chlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Chloroethane	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Chloroform	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Cyclohexane	0.38	J	1	0.50	0.30	ug/L	12/29/2009 0236
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	12/29/2009 0236
Dibromochloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	12/29/2009 0236
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	12/29/2009 0236
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	12/29/2009 0236
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	12/29/2009 0236
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	12/29/2009 0236
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	12/29/2009 0236
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	12/29/2009 0236
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	12/29/2009 0236
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	12/29/2009 0236
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	12/29/2009 0236
Ethylbenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
2-Hexanone	ND		1	10	0.27	ug/L	12/29/2009 0236
Isopropylbenzene	ND		1	0.50	0.029	ug/L	12/29/2009 0236
Methyl acetate	ND		1	1.0	0.30	ug/L	12/29/2009 0236
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	12/29/2009 0236
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	12/29/2009 0236
Methylcyclohexane	ND		1	5.0	0.95	ug/L	12/29/2009 0236
Methylene chloride	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Styrene	ND		1	0.50	0.015	ug/L	12/29/2009 0236
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	12/29/2009 0236
Tetrachloroethene	ND		1	0.50	0.014	ug/L	12/29/2009 0236
Toluene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	12/29/2009 0236
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	12/29/2009 0236
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	12/29/2009 0236

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ24457-001
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	12/29/2009 0236
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	12/29/2009 0236
Vinyl chloride	ND		1	0.50	0.065	ug/L	12/29/2009 0236
Xylenes (total)	ND		1	0.50	0.17	ug/L	12/29/2009 0236

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		96	70-130
1,2-Dichloroethane-d4		104	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24457-002
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	104	46-153	12/29/2009 0023
Benzene	50	51		1	102	70-130	12/29/2009 0023
Bromodichloromethane	50	54		1	108	70-130	12/29/2009 0023
Bromoform	50	51		1	102	70-130	12/29/2009 0023
Bromomethane (Methyl bromide)	50	54		1	108	60-140	12/29/2009 0023
2-Butanone (MEK)	100	110		1	105	60-140	12/29/2009 0023
Carbon disulfide	50	54		1	109	60-140	12/29/2009 0023
Carbon tetrachloride	50	53		1	105	70-130	12/29/2009 0023
Chlorobenzene	50	53		1	105	70-130	12/29/2009 0023
Chloroethane	50	54		1	108	42-163	12/29/2009 0023
Chloroform	50	52		1	103	70-130	12/29/2009 0023
Chloromethane (Methyl chloride)	50	50		1	99	20-158	12/29/2009 0023
Cyclohexane	50	59		1	119	70-130	12/29/2009 0023
1,2-Dibromo-3-chloropropane (DBCP)	50	60		1	121	70-130	12/29/2009 0023
Dibromochloromethane	50	58		1	117	70-130	12/29/2009 0023
1,2-Dibromoethane (EDB)	50	54		1	109	70-130	12/29/2009 0023
1,4-Dichlorobenzene	50	55		1	111	70-130	12/29/2009 0023
1,2-Dichlorobenzene	50	53		1	106	70-130	12/29/2009 0023
1,3-Dichlorobenzene	50	55		1	111	70-130	12/29/2009 0023
Dichlorodifluoromethane	50	52		1	104	60-140	12/29/2009 0023
1,2-Dichloroethane	50	51		1	101	70-130	12/29/2009 0023
1,1-Dichloroethane	50	50		1	101	70-130	12/29/2009 0023
cis-1,2-Dichloroethene	50	52		1	104	70-130	12/29/2009 0023
1,1-Dichloroethene	50	52		1	104	70-130	12/29/2009 0023
trans-1,2-Dichloroethene	50	52		1	104	70-130	12/29/2009 0023
1,2-Dichloropropane	50	51		1	102	70-130	12/29/2009 0023
cis-1,3-Dichloropropene	50	50		1	100	70-130	12/29/2009 0023
trans-1,3-Dichloropropene	50	51		1	102	70-130	12/29/2009 0023
Ethylbenzene	50	57		1	113	70-130	12/29/2009 0023
2-Hexanone	100	110		1	106	60-140	12/29/2009 0023
Isopropylbenzene	50	60		1	120	70-130	12/29/2009 0023
Methyl acetate	50	46		1	93	15-128	12/29/2009 0023
Methyl tertiary butyl ether (MTBE)	50	54		1	107	70-130	12/29/2009 0023
4-Methyl-2-pentanone	100	110		1	110	60-140	12/29/2009 0023
Methylcyclohexane	50	60		1	120	70-130	12/29/2009 0023
Methylene chloride	50	49		1	99	70-130	12/29/2009 0023
Styrene	50	60		1	119	70-130	12/29/2009 0023
1,1,2,2-Tetrachloroethane	50	54		1	108	70-130	12/29/2009 0023
Tetrachloroethene	50	54		1	107	70-130	12/29/2009 0023
Toluene	50	54		1	108	70-130	12/29/2009 0023
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	59		1	117	70-130	12/29/2009 0023
1,2,4-Trichlorobenzene	50	61		1	123	70-130	12/29/2009 0023
1,1,2-Trichloroethane	50	53		1	106	70-130	12/29/2009 0023
1,1,1-Trichloroethane	50	54		1	108	70-130	12/29/2009 0023

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24457-002
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	53		1	106	70-130	12/29/2009 0023
Trichlorofluoromethane	50	50		1	101	60-140	12/29/2009 0023
Vinyl chloride	50	53		1	106	60-140	12/29/2009 0023
Xylenes (total)	100	110		1	115	70-130	12/29/2009 0023

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	70-130
1,2-Dichloroethane-d4		98	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ24457-003
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	78	+	1	78	28	46-153	20	12/29/2009 0045
Benzene	50	49		1	99	2.8	70-130	20	12/29/2009 0045
Bromodichloromethane	50	52		1	104	3.7	70-130	20	12/29/2009 0045
Bromoform	50	49		1	98	4.3	70-130	20	12/29/2009 0045
Bromomethane (Methyl bromide)	50	51		1	102	6.2	60-140	20	12/29/2009 0045
2-Butanone (MEK)	100	100		1	101	3.8	60-140	20	12/29/2009 0045
Carbon disulfide	50	51		1	102	6.5	60-140	20	12/29/2009 0045
Carbon tetrachloride	50	51		1	101	4.1	70-130	20	12/29/2009 0045
Chlorobenzene	50	53		1	106	0.56	70-130	20	12/29/2009 0045
Chloroethane	50	51		1	102	6.1	42-163	20	12/29/2009 0045
Chloroform	50	49		1	98	5.2	70-130	20	12/29/2009 0045
Chloromethane (Methyl chloride)	50	49		1	98	1.7	20-158	20	12/29/2009 0045
Cyclohexane	50	57		1	114	3.6	70-130	20	12/29/2009 0045
1,2-Dibromo-3-chloropropane (DBCP)	50	51		1	102	17	70-130	20	12/29/2009 0045
Dibromochloromethane	50	57		1	114	2.0	70-130	20	12/29/2009 0045
1,2-Dibromoethane (EDB)	50	55		1	111	1.9	70-130	20	12/29/2009 0045
1,4-Dichlorobenzene	50	55		1	110	0.64	70-130	20	12/29/2009 0045
1,2-Dichlorobenzene	50	53		1	105	1.1	70-130	20	12/29/2009 0045
1,3-Dichlorobenzene	50	55		1	110	0.64	70-130	20	12/29/2009 0045
Dichlorodifluoromethane	50	50		1	100	3.6	60-140	20	12/29/2009 0045
1,2-Dichloroethane	50	48		1	96	5.2	70-130	20	12/29/2009 0045
1,1-Dichloroethane	50	48		1	95	5.8	70-130	20	12/29/2009 0045
cis-1,2-Dichloroethene	50	48		1	96	7.3	70-130	20	12/29/2009 0045
1,1-Dichloroethene	50	48		1	96	7.4	70-130	20	12/29/2009 0045
trans-1,2-Dichloroethene	50	49		1	99	4.6	70-130	20	12/29/2009 0045
1,2-Dichloropropane	50	51		1	102	0.23	70-130	20	12/29/2009 0045
cis-1,3-Dichloropropene	50	52		1	104	3.3	70-130	20	12/29/2009 0045
trans-1,3-Dichloropropene	50	52		1	104	2.4	70-130	20	12/29/2009 0045
Ethylbenzene	50	57		1	113	0.039	70-130	20	12/29/2009 0045
2-Hexanone	100	110		1	114	7.1	60-140	20	12/29/2009 0045
Isopropylbenzene	50	60		1	119	0.044	70-130	20	12/29/2009 0045
Methyl acetate	50	42		1	85	9.1	15-128	20	12/29/2009 0045
Methyl tertiary butyl ether (MTBE)	50	49		1	97	9.5	70-130	20	12/29/2009 0045
4-Methyl-2-pentanone	100	110		1	107	2.2	60-140	20	12/29/2009 0045
Methylcyclohexane	50	59		1	118	1.7	70-130	20	12/29/2009 0045
Methylene chloride	50	46		1	93	6.4	70-130	20	12/29/2009 0045
Styrene	50	59		1	118	0.64	70-130	20	12/29/2009 0045
1,1,2,2-Tetrachloroethane	50	52		1	104	3.9	70-130	20	12/29/2009 0045
Tetrachloroethene	50	53		1	106	0.60	70-130	20	12/29/2009 0045
Toluene	50	55		1	110	1.6	70-130	20	12/29/2009 0045
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	56		1	112	4.0	70-130	20	12/29/2009 0045
1,2,4-Trichlorobenzene	50	54		1	108	12	70-130	20	12/29/2009 0045
1,1,2-Trichloroethane	50	53		1	107	0.16	70-130	20	12/29/2009 0045
1,1,1-Trichloroethane	50	52		1	103	4.2	70-130	20	12/29/2009 0045

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ24457-003
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	51		1	102	3.2	70-130	20	12/29/2009 0045
Trichlorofluoromethane	50	48		1	96	5.5	60-140	20	12/29/2009 0045
Vinyl chloride	50	50		1	100	6.1	60-140	20	12/29/2009 0045
Xylenes (total)	100	110		1	112	2.1	70-130	20	12/29/2009 0045

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	70-130
1,2-Dichloroethane-d4		93	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: KQ24198-001
Batch: 24198
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,1'-Biphenyl	ND		1	1.0	0.20	ug/L	01/08/2010 0018
2,4,5-Trichlorophenol	ND		1	1.0	0.18	ug/L	01/08/2010 0018
2,4,6-Trichlorophenol	ND		1	1.0	0.22	ug/L	01/08/2010 0018
2,4-Dichlorophenol	ND		1	1.0	0.15	ug/L	01/08/2010 0018
2,4-Dimethylphenol	ND		1	1.0	0.31	ug/L	01/08/2010 0018
2,4-Dinitrophenol	ND		1	5.0	0.25	ug/L	01/08/2010 0018
2,4-Dinitrotoluene	ND		1	2.0	0.45	ug/L	01/08/2010 0018
2,6-Dinitrotoluene	ND		1	2.0	0.40	ug/L	01/08/2010 0018
2-Chloronaphthalene	ND		1	1.0	0.12	ug/L	01/08/2010 0018
2-Chlorophenol	ND		1	1.0	0.13	ug/L	01/08/2010 0018
2-Methylnaphthalene	ND		1	1.0	0.080	ug/L	01/08/2010 0018
2-Methylphenol	ND		1	1.0	0.17	ug/L	01/08/2010 0018
2-Nitroaniline	ND		1	2.0	0.55	ug/L	01/08/2010 0018
2-Nitrophenol	ND		1	2.0	0.27	ug/L	01/08/2010 0018
3 & 4-Methylphenol	ND		1	2.0	0.57	ug/L	01/08/2010 0018
3,3'-Dichlorobenzidine	ND		1	5.0	0.81	ug/L	01/08/2010 0018
3-Nitroaniline	ND		1	2.0	0.77	ug/L	01/08/2010 0018
4,6-Dinitro-2-methylphenol	ND		1	5.0	1.5	ug/L	01/08/2010 0018
4-Bromophenyl phenyl ether	ND		1	1.0	0.12	ug/L	01/08/2010 0018
4-Chloro-3-methyl phenol	ND		1	1.0	0.22	ug/L	01/08/2010 0018
4-Chloroaniline	ND		1	1.0	0.13	ug/L	01/08/2010 0018
4-Chlorophenyl phenyl ether	ND		1	1.0	0.11	ug/L	01/08/2010 0018
4-Nitroaniline	ND		1	2.0	0.39	ug/L	01/08/2010 0018
4-Nitrophenol	ND		1	5.0	0.64	ug/L	01/08/2010 0018
Acenaphthene	ND		1	1.0	0.090	ug/L	01/08/2010 0018
Acenaphthylene	ND		1	1.0	0.16	ug/L	01/08/2010 0018
Acetophenone	ND		1	1.0	0.32	ug/L	01/08/2010 0018
Anthracene	ND		1	1.0	0.13	ug/L	01/08/2010 0018
Atrazine	ND		1	1.0	0.20	ug/L	01/08/2010 0018
Benzaldehyde	ND		1	5.0	1.0	ug/L	01/08/2010 0018
Benzo(a)anthracene	ND		1	1.0	0.15	ug/L	01/08/2010 0018
Benzo(a)pyrene	ND		1	1.0	0.16	ug/L	01/08/2010 0018
Benzo(b)fluoranthene	ND		1	1.0	0.20	ug/L	01/08/2010 0018
Benzo(g,h,i)perylene	ND		1	1.0	0.23	ug/L	01/08/2010 0018
Benzo(k)fluoranthene	ND		1	1.0	0.12	ug/L	01/08/2010 0018
bis(2-Chloroethoxy)methane	ND		1	1.0	0.13	ug/L	01/08/2010 0018
bis(2-Chloroethyl)ether	ND		1	1.0	0.13	ug/L	01/08/2010 0018
bis(2-Chloroisopropyl)ether	ND		1	1.0	0.080	ug/L	01/08/2010 0018
bis(2-Ethylhexyl)phthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Butyl benzyl phthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Caprolactam	ND		1	5.0	1.2	ug/L	01/08/2010 0018
Carbazole	ND		1	1.0	0.25	ug/L	01/08/2010 0018
Chrysene	ND		1	1.0	0.12	ug/L	01/08/2010 0018
Di-n-butyl phthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: KQ24198-001
Batch: 24198
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Di-n-octylphthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Dibenzo(a,h)anthracene	ND		1	1.0	0.13	ug/L	01/08/2010 0018
Dibenzofuran	ND		1	1.0	0.16	ug/L	01/08/2010 0018
Diethylphthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Dimethyl phthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Fluoranthene	ND		1	1.0	0.21	ug/L	01/08/2010 0018
Fluorene	ND		1	1.0	0.10	ug/L	01/08/2010 0018
Hexachlorobenzene	ND		1	1.0	0.21	ug/L	01/08/2010 0018
Hexachlorobutadiene	ND		1	1.0	0.090	ug/L	01/08/2010 0018
Hexachlorocyclopentadiene	ND		1	5.0	0.23	ug/L	01/08/2010 0018
Hexachloroethane	ND		1	1.0	0.11	ug/L	01/08/2010 0018
Indeno(1,2,3-c,d)pyrene	ND		1	1.0	0.23	ug/L	01/08/2010 0018
Isophorone	ND		1	1.0	0.080	ug/L	01/08/2010 0018
N-Nitrosodi-n-propylamine	ND		1	1.0	0.080	ug/L	01/08/2010 0018
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	1.0	0.38	ug/L	01/08/2010 0018
Naphthalene	ND		1	1.0	0.070	ug/L	01/08/2010 0018
Nitrobenzene	ND		1	1.0	0.10	ug/L	01/08/2010 0018
Pentachlorophenol	ND		1	5.0	0.54	ug/L	01/08/2010 0018
Phenanthrene	ND		1	1.0	0.18	ug/L	01/08/2010 0018
Phenol	ND		1	1.0	0.11	ug/L	01/08/2010 0018
Pyrene	ND		1	1.0	0.16	ug/L	01/08/2010 0018

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		55	41-144
2-Fluorobiphenyl		57	37-129
2-Fluorophenol		35	24-127
Nitrobenzene-d5		56	38-127
Phenol-d5	N	23	28-128
Terphenyl-d14		46	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24198-002
Batch: 24198
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-Trichlorophenol	20	11		1	53	46-125	01/08/2010 0038
2,4,6-Trichlorophenol	20	9.2		1	46	36-123	01/08/2010 0038
2,4-Dichlorophenol	20	10		1	51	38-127	01/08/2010 0038
2,4-Dimethylphenol	20	7.9		1	39	36-110	01/08/2010 0038
2,4-Dinitrophenol	100	55		1	55	33-143	01/08/2010 0038
2,4-Dinitrotoluene	40	21	N	1	53	55-137	01/08/2010 0038
2,6-Dinitrotoluene	40	21	N	1	52	53-128	01/08/2010 0038
2-Chloronaphthalene	20	10		1	52	42-132	01/08/2010 0038
2-Chlorophenol	20	10		1	50	40-128	01/08/2010 0038
2-Methylnaphthalene	20	9.8		1	49	49-122	01/08/2010 0038
2-Methylphenol	20	9.9		1	50	33-122	01/08/2010 0038
2-Nitroaniline	40	21		1	51	48-126	01/08/2010 0038
2-Nitrophenol	40	20		1	51	44-131	01/08/2010 0038
3 & 4-Methylphenol	40	16	N	1	40	48-112	01/08/2010 0038
3-Nitroaniline	40	7.8	N	1	19	29-109	01/08/2010 0038
4,6-Dinitro-2-methylphenol	100	55		1	55	46-151	01/08/2010 0038
4-Bromophenyl phenyl ether	20	10		1	51	49-123	01/08/2010 0038
4-Chloro-3-methyl phenol	20	9.7		1	49	48-136	01/08/2010 0038
4-Chloroaniline	20	3.7		1	19	18-73	01/08/2010 0038
4-Chlorophenyl phenyl ether	20	10		1	51	34-124	01/08/2010 0038
4-Nitroaniline	40	20		1	49	42-154	01/08/2010 0038
4-Nitrophenol	100	30	N	1	30	43-145	01/08/2010 0038
Acenaphthene	20	10		1	51	51-130	01/08/2010 0038
Acenaphthylene	20	10		1	50	46-131	01/08/2010 0038
Anthracene	20	10		1	51	48-122	01/08/2010 0038
Benzo(a)anthracene	20	11		1	54	50-143	01/08/2010 0038
Benzo(a)pyrene	20	12		1	60	55-141	01/08/2010 0038
Benzo(b)fluoranthene	20	11		1	55	48-147	01/08/2010 0038
Benzo(g,h,i)perylene	20	10		1	52	48-139	01/08/2010 0038
Benzo(k)fluoranthene	20	10		1	52	48-148	01/08/2010 0038
bis(2-Chloroethoxy)methane	20	10		1	51	46-130	01/08/2010 0038
bis(2-Chloroethyl)ether	20	10		1	52	42-127	01/08/2010 0038
bis(2-Chloroisopropyl)ether	20	9.7		1	48	36-133	01/08/2010 0038
bis(2-Ethylhexyl)phthalate	20	11		1	57	40-141	01/08/2010 0038
Butyl benzyl phthalate	20	11		1	54	52-142	01/08/2010 0038
Carbazole	20	11		1	56	45-101	01/08/2010 0038
Chrysene	20	11		1	56	51-137	01/08/2010 0038
Di-n-butyl phthalate	20	11		1	55	50-134	01/08/2010 0038
Di-n-octylphthalate	20	11		1	57	50-136	01/08/2010 0038
Dibenzo(a,h)anthracene	20	10		1	52	48-139	01/08/2010 0038
Dibenzofuran	20	10		1	51	45-142	01/08/2010 0038
Diethylphthalate	20	11		1	53	48-124	01/08/2010 0038
Dimethyl phthalate	20	11		1	53	43-122	01/08/2010 0038
Fluoranthene	20	10		1	51	50-124	01/08/2010 0038

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24198-002
Batch: 24198
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Fluorene	20	10		1	52	39-122	01/08/2010 0038
Hexachlorobenzene	20	10		1	52	46-125	01/08/2010 0038
Hexachlorobutadiene	20	10		1	50	38-121	01/08/2010 0038
Hexachlorocyclopentadiene	100	45		1	45	24-110	01/08/2010 0038
Hexachloroethane	20	10		1	50	32-109	01/08/2010 0038
Indeno(1,2,3-c,d)pyrene	20	10		1	52	49-146	01/08/2010 0038
Isophorone	20	11		1	53	43-118	01/08/2010 0038
N-Nitrosodi-n-propylamine	20	10		1	50	46-135	01/08/2010 0038
N-Nitrosodiphenylamine (Diphenylamine)	20	12		1	59	44-124	01/08/2010 0038
Naphthalene	20	10		1	50	45-118	01/08/2010 0038
Nitrobenzene	20	11		1	54	46-131	01/08/2010 0038
Pentachlorophenol	100	45		1	45	30-137	01/08/2010 0038
Phenanthrene	20	10		1	52	49-122	01/08/2010 0038
Phenol	20	5.4	N	1	27	35-118	01/08/2010 0038
Pyrene	20	11		1	53	50-130	01/08/2010 0038

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		53	41-144
2-Fluorobiphenyl		54	37-129
2-Fluorophenol		38	24-127
Nitrobenzene-d5		55	38-127
Phenol-d5	N	25	28-128
Terphenyl-d14		47	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: KL17018-001MS
Batch: 24198
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	43	16		1	38	10-133	01/02/2010 1440
Acenaphthylene	ND	43	16		1	37	34-128	01/02/2010 1440
Anthracene	ND	43	16	N	1	38	48-122	01/02/2010 1440
Benzo(a)anthracene	ND	43	15	N	1	34	53-98	01/02/2010 1440
Benzo(a)pyrene	ND	43	21		1	48	11-160	01/02/2010 1440
Benzo(b)fluoranthene	ND	43	15		1	33	10-165	01/02/2010 1440
Benzo(g,h,i)perylene	ND	43	16	N	1	37	42-111	01/02/2010 1440
Benzo(k)fluoranthene	ND	43	23		1	53	13-175	01/02/2010 1440
4-Bromophenyl phenyl ether	ND	43	18	N	1	40	49-123	01/02/2010 1440
Butyl benzyl phthalate	ND	43	18	N	1	42	52-142	01/02/2010 1440
Carbazole	ND	43	18	N	1	41	45-101	01/02/2010 1440
4-Chloro-3-methyl phenol	ND	43	17	N	1	38	40-98	01/02/2010 1440
4-Chloroaniline	ND	43	ND	N	1	0.00	10-98	01/02/2010 1440
bis(2-Chloroethoxy)methane	ND	43	16	N	1	37	43-93	01/02/2010 1440
bis(2-Chloroethyl)ether	ND	43	17	N	1	38	41-88	01/02/2010 1440
bis(2-Chloroisopropyl)ether	ND	43	16		1	38	36-99	01/02/2010 1440
2-Chloronaphthalene	ND	43	13	N	1	30	40-89	01/02/2010 1440
2-Chlorophenol	ND	43	17		1	38	33-92	01/02/2010 1440
4-Chlorophenyl phenyl ether	ND	43	17		1	39	34-124	01/02/2010 1440
Chrysene	ND	43	20	N	1	46	51-107	01/02/2010 1440
Dibenzo(a,h)anthracene	ND	43	18	N	1	40	47-116	01/02/2010 1440
Dibenzofuran	ND	43	16	N	1	38	45-94	01/02/2010 1440
2,4-Dichlorophenol	ND	43	17		1	39	34-105	01/02/2010 1440
Diethylphthalate	ND	43	18	N	1	42	48-124	01/02/2010 1440
Dimethyl phthalate	ND	43	17	N	1	40	43-122	01/02/2010 1440
2,4-Dimethylphenol	ND	43	14	N	1	32	33-77	01/02/2010 1440
Di-n-butyl phthalate	ND	43	19	N	1	44	50-134	01/02/2010 1440
4,6-Dinitro-2-methylphenol	ND	220	89		1	41	33-118	01/02/2010 1440
2,4-Dinitrophenol	ND	220	79		1	36	19-119	01/02/2010 1440
2,4-Dinitrotoluene	ND	87	36	N	1	41	50-104	01/02/2010 1440
2,6-Dinitrotoluene	ND	87	37	N	1	43	53-128	01/02/2010 1440
Di-n-octylphthalate	ND	43	22		1	50	40-112	01/02/2010 1440
bis(2-Ethylhexyl)phthalate	ND	43	19		1	43	10-142	01/02/2010 1440
Fluoranthene	ND	43	18	N	1	40	50-124	01/02/2010 1440
Fluorene	ND	43	16	N	1	38	39-122	01/02/2010 1440
Hexachlorobenzene	ND	43	17	N	1	40	46-125	01/02/2010 1440
Hexachlorobutadiene	ND	43	15	N	1	35	42-94	01/02/2010 1440
Hexachlorocyclopentadiene	ND	220	58		1	27	14-89	01/02/2010 1440
Hexachloroethane	ND	43	16	N	1	36	39-86	01/02/2010 1440
Indeno(1,2,3-c,d)pyrene	ND	43	17	N	1	38	43-113	01/02/2010 1440
Isophorone	ND	43	17	N	1	40	42-84	01/02/2010 1440
2-Methylnaphthalene	ND	43	16	N	1	36	46-90	01/02/2010 1440
2-Methylphenol	ND	43	19		1	44	33-122	01/02/2010 1440
3 & 4-Methylphenol	ND	87	31		1	36	24-97	01/02/2010 1440

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: KL17018-001MS
Batch: 24198
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Naphthalene	ND	43	15	N	1	35	46-89	01/02/2010 1440
2-Nitroaniline	ND	87	35	N	1	41	48-126	01/02/2010 1440
3-Nitroaniline	ND	87	11		1	12	10-110	01/02/2010 1440
4-Nitroaniline	ND	87	32	N	1	37	41-99	01/02/2010 1440
Nitrobenzene	ND	43	18	N	1	41	44-91	01/02/2010 1440
2-Nitrophenol	ND	87	32		1	37	34-102	01/02/2010 1440
4-Nitrophenol	ND	220	73		1	33	29-122	01/02/2010 1440
N-Nitrosodi-n-propylamine	ND	43	19		1	43	41-96	01/02/2010 1440
N-Nitrosodiphenylamine (Diphenylamine)	ND	43	19		1	44	10-150	01/02/2010 1440
Pentachlorophenol	ND	220	76		1	35	32-110	01/02/2010 1440
Phenanthrene	ND	43	17	N	1	39	49-122	01/02/2010 1440
Phenol	ND	43	12	N	1	27	33-92	01/02/2010 1440
Pyrene	ND	43	17	N	1	38	50-130	01/02/2010 1440
2,4,5-Trichlorophenol	ND	43	18	N	1	42	46-125	01/02/2010 1440
2,4,6-Trichlorophenol	ND	43	16		1	37	36-123	01/02/2010 1440

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		79	37-129
2-Fluorophenol		69	24-127
Nitrobenzene-d5		85	38-127
Phenol-d5		57	28-128
Terphenyl-d14		70	10-148
2,4,6-Tribromophenol		83	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: KL17018-001MD
Batch: 24198
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	43	18		1	42	11	10-133	40	01/02/2010 1500
Acenaphthylene	ND	43	18		1	42	11	34-128	40	01/02/2010 1500
Anthracene	ND	43	19	N	1	43	12	48-122	40	01/02/2010 1500
Benzo(a)anthracene	ND	43	17	N	1	38	10	53-98	40	01/02/2010 1500
Benzo(a)pyrene	ND	43	24		1	55	13	11-160	40	01/02/2010 1500
Benzo(b)fluoranthene	ND	43	16		1	37	9.8	10-165	40	01/02/2010 1500
Benzo(g,h,i)perylene	ND	43	19		1	43	14	42-111	40	01/02/2010 1500
Benzo(k)fluoranthene	ND	43	27		1	61	14	13-175	40	01/02/2010 1500
4-Bromophenyl phenyl ether	ND	43	20	N	1	45	11	49-123	40	01/02/2010 1500
Butyl benzyl phthalate	ND	43	20	N	1	46	9.4	52-142	40	01/02/2010 1500
Carbazole	ND	43	20		1	46	12	45-101	40	01/02/2010 1500
4-Chloro-3-methyl phenol	ND	43	20		1	45	16	40-98	40	01/02/2010 1500
4-Chloroaniline	ND	43	ND	N	1	0.00	0.00	10-98	40	01/02/2010 1500
bis(2-Chloroethoxy)methane	ND	43	18	N	1	42	15	43-93	40	01/02/2010 1500
bis(2-Chloroethyl)ether	ND	43	19		1	43	12	41-88	40	01/02/2010 1500
bis(2-Chloroisopropyl)ether	ND	43	19		1	43	14	36-99	40	01/02/2010 1500
2-Chloronaphthalene	ND	43	14	N	1	32	8.4	40-89	40	01/02/2010 1500
2-Chlorophenol	ND	43	19		1	44	13	33-92	40	01/02/2010 1500
4-Chlorophenyl phenyl ether	ND	43	19		1	44	11	34-124	40	01/02/2010 1500
Chrysene	ND	43	22	N	1	50	8.8	51-107	40	01/02/2010 1500
Dibenzo(a,h)anthracene	ND	43	20	N	1	46	14	47-116	40	01/02/2010 1500
Dibenzofuran	ND	43	18	N	1	42	11	45-94	40	01/02/2010 1500
2,4-Dichlorophenol	ND	43	20		1	45	15	34-105	40	01/02/2010 1500
Diethylphthalate	ND	43	21	N	1	47	12	48-124	40	01/02/2010 1500
Dimethyl phthalate	ND	43	20		1	46	15	43-122	40	01/02/2010 1500
2,4-Dimethylphenol	ND	43	16		1	37	15	33-77	40	01/02/2010 1500
Di-n-butyl phthalate	ND	43	21	N	1	49	10	50-134	40	01/02/2010 1500
4,6-Dinitro-2-methylphenol	ND	220	100		1	47	13	33-118	40	01/02/2010 1500
2,4-Dinitrophenol	ND	220	87		1	40	8.8	19-119	40	01/02/2010 1500
2,4-Dinitrotoluene	ND	87	40	N	1	46	12	50-104	40	01/02/2010 1500
2,6-Dinitrotoluene	ND	87	42	N	1	48	13	53-128	40	01/02/2010 1500
Di-n-octylphthalate	ND	43	25		1	58	13	40-112	40	01/02/2010 1500
bis(2-Ethylhexyl)phthalate	ND	43	21		1	47	9.1	10-142	40	01/02/2010 1500
Fluoranthene	ND	43	19	N	1	45	9.8	50-124	40	01/02/2010 1500
Fluorene	ND	43	19		1	43	13	39-122	40	01/02/2010 1500
Hexachlorobenzene	ND	43	19	N	1	44	9.6	46-125	40	01/02/2010 1500
Hexachlorobutadiene	ND	43	17	N	1	39	10	42-94	40	01/02/2010 1500
Hexachlorocyclopentadiene	ND	220	62		1	28	5.6	14-89	40	01/02/2010 1500
Hexachloroethane	ND	43	18		1	41	13	39-86	40	01/02/2010 1500
Indeno(1,2,3-c,d)pyrene	ND	43	20		1	45	16	43-113	40	01/02/2010 1500
Isophorone	ND	43	20		1	47	15	42-84	40	01/02/2010 1500
2-Methylnaphthalene	ND	43	18	N	1	40	12	46-90	40	01/02/2010 1500
2-Methylphenol	ND	43	23		1	53	19	33-122	40	01/02/2010 1500
3 & 4-Methylphenol	ND	87	38		1	44	20	24-97	40	01/02/2010 1500

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: KL17018-001MD
Batch: 24198
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Naphthalene	ND	43	17	N	1	40	12	46-89	40	01/02/2010 1500
2-Nitroaniline	ND	87	40	N	1	46	13	48-126	40	01/02/2010 1500
3-Nitroaniline	ND	87	12		1	14	13	10-110	40	01/02/2010 1500
4-Nitroaniline	ND	87	35		1	41	10	41-99	40	01/02/2010 1500
Nitrobenzene	ND	43	20		1	46	13	44-91	40	01/02/2010 1500
2-Nitrophenol	ND	87	37		1	42	13	34-102	40	01/02/2010 1500
4-Nitrophenol	ND	220	84		1	39	15	29-122	40	01/02/2010 1500
N-Nitrosodi-n-propylamine	ND	43	22		1	50	15	41-96	40	01/02/2010 1500
N-Nitrosodiphenylamine (Diphenylamine)	ND	43	21		1	49	10	10-150	40	01/02/2010 1500
Pentachlorophenol	ND	220	86		1	40	12	32-110	40	01/02/2010 1500
Phenanthrene	ND	43	19	N	1	44	10	49-122	40	01/02/2010 1500
Phenol	ND	43	14		1	33	17	33-92	40	01/02/2010 1500
Pyrene	ND	43	19	N	1	43	12	50-130	40	01/02/2010 1500
2,4,5-Trichlorophenol	ND	43	20		1	47	12	46-125	40	01/02/2010 1500
2,4,6-Trichlorophenol	ND	43	18		1	42	13	36-123	40	01/02/2010 1500

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		87	37-129
2-Fluorophenol		80	24-127
Nitrobenzene-d5		99	38-127
Phenol-d5		67	28-128
Terphenyl-d14		76	10-148
2,4,6-Tribromophenol		95	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: KQ24171-001
Batch: 24171
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	0.025	0.0060	ug/L	12/31/2009 1726
4,4'-DDE	ND		1	0.025	0.0060	ug/L	12/31/2009 1726
4,4'-DDT	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Aldrin	ND		1	0.025	0.0020	ug/L	12/31/2009 1726
alpha-BHC	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
alpha-Chlordane	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
beta-BHC	ND		1	0.025	0.019	ug/L	12/31/2009 1726
delta-BHC	ND		1	0.025	0.0080	ug/L	12/31/2009 1726
Dieldrin	ND		1	0.025	0.0040	ug/L	12/31/2009 1726
Endosulfan I	ND		1	0.025	0.0060	ug/L	12/31/2009 1726
Endosulfan II	ND		1	0.025	0.024	ug/L	12/31/2009 1726
Endosulfan sulfate	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Endrin	ND		1	0.025	0.0050	ug/L	12/31/2009 1726
Endrin aldehyde	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Endrin ketone	ND		1	0.025	0.0040	ug/L	12/31/2009 1726
gamma-BHC (Lindane)	ND		1	0.025	0.0050	ug/L	12/31/2009 1726
gamma-Chlordane	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Heptachlor	ND		1	0.025	0.020	ug/L	12/31/2009 1726
Heptachlor epoxide	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Methoxychlor	ND		1	0.10	0.014	ug/L	12/31/2009 1726
Toxaphene	ND		1	0.25	0.030	ug/L	12/31/2009 1726

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl	N	30	49-124
Tetrachloro-m-xylene		86	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: KQ24171-002
Batch: 24171
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	0.50	0.49		1	98	70-130	12/31/2009 1745
4,4'-DDE	0.50	0.47		1	93	70-130	12/31/2009 1745
4,4'-DDT	0.50	0.49		1	98	70-130	12/31/2009 1745
Aldrin	0.50	0.44		1	88	70-130	12/31/2009 1745
alpha-BHC	0.50	0.45		1	90	70-130	12/31/2009 1745
beta-BHC	0.50	0.44		1	88	70-130	12/31/2009 1745
delta-BHC	0.50	0.47		1	95	70-130	12/31/2009 1745
Dieldrin	0.50	0.48		1	95	70-130	12/31/2009 1745
Endosulfan I	0.50	0.45		1	91	70-130	12/31/2009 1745
Endosulfan II	0.50	0.48		1	96	70-130	12/31/2009 1745
Endosulfan sulfate	0.50	0.48		1	96	70-130	12/31/2009 1745
Endrin	0.50	0.49		1	99	70-130	12/31/2009 1745
Endrin aldehyde	0.50	0.49		1	98	70-130	12/31/2009 1745
gamma-BHC (Lindane)	0.50	0.45		1	91	70-130	12/31/2009 1745
gamma-Chlordane	0.50	0.46		1	92	70-130	12/31/2009 1745
Heptachlor	0.50	0.45		1	91	70-130	12/31/2009 1745
Heptachlor epoxide	0.50	0.45		1	89	70-130	12/31/2009 1745
Methoxychlor	0.50	0.59		1	119	70-130	12/31/2009 1745

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		70	49-124
Tetrachloro-m-xylene		90	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MS

Sample ID: KL17018-001MS
Batch: 24171
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aldrin	ND	1.1	0.91		1	82	70-130	12/31/2009 1825
alpha-BHC	ND	1.1	0.94		1	84	70-130	12/31/2009 1825
beta-BHC	ND	1.1	0.91		1	82	70-130	12/31/2009 1825
delta-BHC	ND	1.1	1.0		1	90	70-130	12/31/2009 1825
gamma-BHC (Lindane)	ND	1.1	0.94		1	85	70-130	12/31/2009 1825
gamma-Chlordane	ND	1.1	0.95		1	85	70-130	12/31/2009 1825
4,4'-DDD	ND	1.1	1.0		1	92	70-130	12/31/2009 1825
4,4'-DDE	ND	1.1	0.96		1	86	70-130	12/31/2009 1825
4,4'-DDT	ND	1.1	1.0		1	92	70-130	12/31/2009 1825
Dieldrin	ND	1.1	0.99		1	89	70-130	12/31/2009 1825
Endosulfan I	ND	1.1	0.92		1	83	70-130	12/31/2009 1825
Endosulfan II	ND	1.1	1.0		1	91	70-130	12/31/2009 1825
Endosulfan sulfate	ND	1.1	1.0		1	92	70-130	12/31/2009 1825
Endrin	ND	1.1	1.1		1	95	70-130	12/31/2009 1825
Endrin aldehyde	ND	1.1	1.0		1	94	70-130	12/31/2009 1825
Heptachlor	ND	1.1	0.95		1	85	70-130	12/31/2009 1825
Heptachlor epoxide	ND	1.1	0.92		1	83	70-130	12/31/2009 1825
Methoxychlor	ND	1.1	1.3		1	116	70-130	12/31/2009 1825

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		77	49-124
Tetrachloro-m-xylene		83	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MSD

Sample ID: KL17018-001MD
Batch: 24171
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aldrin	ND	1.1	0.96		1	86	4.6	70-130	30	12/31/2009 1845
alpha-BHC	ND	1.1	0.98		1	89	4.8	70-130	30	12/31/2009 1845
beta-BHC	ND	1.1	0.94		1	85	3.8	70-130	30	12/31/2009 1845
delta-BHC	ND	1.1	1.0		1	94	4.6	70-130	30	12/31/2009 1845
gamma-BHC (Lindane)	ND	1.1	0.99		1	89	4.7	70-130	30	12/31/2009 1845
gamma-Chlordane	ND	1.1	0.98		1	88	3.8	70-130	30	12/31/2009 1845
4,4'-DDD	ND	1.1	1.1		1	95	3.0	70-130	30	12/31/2009 1845
4,4'-DDE	ND	1.1	0.99		1	89	3.1	70-130	30	12/31/2009 1845
4,4'-DDT	ND	1.1	1.0		1	93	1.1	70-130	30	12/31/2009 1845
Dieldrin	ND	1.1	1.0		1	93	3.9	70-130	30	12/31/2009 1845
Endosulfan I	ND	1.1	0.96		1	87	4.1	70-130	30	12/31/2009 1845
Endosulfan II	ND	1.1	1.0		1	94	2.8	70-130	30	12/31/2009 1845
Endosulfan sulfate	ND	1.1	1.0		1	94	1.5	70-130	30	12/31/2009 1845
Endrin	ND	1.1	1.1		1	97	2.5	70-130	30	12/31/2009 1845
Endrin aldehyde	ND	1.1	1.1		1	96	2.5	70-130	30	12/31/2009 1845
Heptachlor	ND	1.1	0.99		1	89	4.5	70-130	30	12/31/2009 1845
Heptachlor epoxide	ND	1.1	0.96		1	87	4.0	70-130	30	12/31/2009 1845
Methoxychlor	ND	1.1	1.3		1	115	0.14	70-130	30	12/31/2009 1845

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		78	49-124
Tetrachloro-m-xylene		86	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MB

Sample ID: KQ23888-001
Batch: 23888
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/18/2009 1630

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		1	0.010	0.0040	mg/L	12/19/2009 1830
Barium	ND		1	0.025	0.0075	mg/L	12/19/2009 1830
Cadmium	ND		1	0.0020	0.00060	mg/L	12/19/2009 1830
Chromium	ND		1	0.0050	0.0021	mg/L	12/19/2009 1830
Lead	ND		1	0.010	0.0019	mg/L	12/19/2009 1830
Selenium	ND		1	0.010	0.0026	mg/L	12/19/2009 1830
Silver	0.0014	J	1	0.0050	0.00040	mg/L	12/21/2009 1725

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCS

Sample ID: KQ23888-002
Batch: 23888
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/18/2009 1630

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	0.40	0.43		1	107	80-120	12/19/2009 1834
Barium	2.0	2.1		1	104	80-120	12/19/2009 1834
Cadmium	0.40	0.41		1	103	80-120	12/19/2009 1834
Chromium	2.0	1.9		1	96	80-120	12/19/2009 1834
Lead	0.40	0.43		1	107	80-120	12/19/2009 1834
Selenium	0.40	0.44		1	109	80-120	12/19/2009 1834
Silver	0.40	0.40		1	101	80-120	12/21/2009 1731

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCSD

Sample ID: KQ23888-003
Batch: 23888
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/18/2009 1630

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	0.40	0.43		1	107	0.52	80-120	20	12/19/2009 1838
Barium	2.0	2.1		1	105	0.74	80-120	20	12/19/2009 1838
Cadmium	0.40	0.42		1	104	1.1	80-120	20	12/19/2009 1838
Chromium	2.0	1.9		1	96	0.30	80-120	20	12/19/2009 1838
Lead	0.40	0.43		1	107	0.0012	80-120	20	12/19/2009 1838
Selenium	0.40	0.44		1	110	1.3	80-120	20	12/19/2009 1838
Silver	0.40	0.40		1	101	0.20	80-120	20	12/21/2009 1736

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MB

Sample ID: KQ23801-001
Batch: 23801
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.00010	0.000053	mg/L	12/17/2009 2311

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCS

Sample ID: KQ23801-002
Batch: 23801
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0019		1	97	85-115	12/17/2009 2313

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCSD

Sample ID: KQ23801-003
Batch: 23801
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0018		1	88	9.7	85-115	20	12/17/2009 2316

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

SHEALY ENVIRONMENTAL SERVICES, INC.

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 102699

11954

Client: ARCADIS	Report to Contact: Janet Christy	Telephone No. / Fax No. / E-mail: 864-987-3900	Quote No.: ~~10724~~ 12/12/09
Address: 2849 Paces Ferry Rd	Sampler's Signature: x Eric Maddox	Waybill No.:	Page 1 of 1
City: Atlanta; State: GA; Zip Code: 30339	Printed Name: Eric Maddox	Analysis (Attach list if more space is needed.)	
Project Name: Hunter - HAA-01			
Project No.: GPOBHAFS. HOIB. NALTM; P.O. No.:			Lot No.: KL17018

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	NaS_2O_3	Kl	VOCs	RCRA Metals	Pesticides	SVOCs	Remarks / Cooler I.D.
HAA01-MW-18 (121609)	12/16/09	1348					4		1	3				✓	✓	✓	✓	
HMW-9 (121609)		1710												✓				
HMW-11 (121609)		1408												✓				
HMW-8 (121609)		1225												✓				
HMW-2 (121609)		1105												✓				
TB-03 (121609)																		

Eric Maddox 12/16/09

Possible Hazard Identification: X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): X Standard ☐ Rush (Specify)

QC Requirements (Specify):

1. Relinquished by: Eric Maddox	Date: 12/16/09	Time: 1900	1. Received by: Fedex	Date	Time
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by: FEDEX 12-17-09	Date	Time: 0850	3. Laboratory received by: 12/17/09	Date	Time: 0850

Comments:

LAB USE ONLY: Received on ice (Circle) Yes No Ice Pack; Receipt Temp. 4.5 °C

DISTRIBUTION: WHITE & YELLOW Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Page 1 of 1
Replaces Date: 09/23/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Avenals Cooler Inspected by/date: EC 12/17/09 Lot #: KL17018

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Airborne Exp ☐ Other

Yes ☑	No ☐	NA ☐	1. Were custody seals present on the cooler?
Yes ☑	No ☐	NA ☐	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 4/5 °C / °C / °C / °C / °C / °C / °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☑	No ☐	NA ☐	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea size" (¼" or 6mm in diameter) in any VOA vials?
Yes ☑	No ☐	NA ☐	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee: _____ Date of response: _____

Comments: _____

Report of Analysis

ARCADIS U.S., Inc.
30 Patewood Drive
Suite 155
Greenville, SC 29615
Attention: Janet Christy

Project Name: Hunter- HAA-01

Project Number: GP08HAFS.H01B.NALTM

Lot Number: KL17024

Date Completed: 01/07/2010

Date Revised: 01/21/2010

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* K L 1 7 0 2 4 *

Case Narrative
ARCADIS U.S., Inc.
Lot Number: KL17024

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

This report was combined from KL17024, KL17018 and KL17031 as per client request.

Pesticides
The sample results associated with a P qualifier have a relative percent difference (RPD) between the two dissimilar phase GC columns which exceeds 40%. In accordance with Section 7.10.4 of SW-846 method 8000B, the higher of the two results is reported. Due to disparity of the two results, it is likely that the reported results are biased high, or maybe a false positive.

Aldrin is reported at a 10X dilution for sample -001 due to a P-flag hit in the original run.

The initial run of sample -001 had surrogate failures, the 10X run had surrogate failures. The sample was re-extracted out of holding time, the re-extracted results had surrogate failures. This confirms a matrix interference. All runs are reported.

The initial run of samples -002 and -005 had surrogate failures associated with the method blank. The sample was re-extracted out of holding time. All runs are reported.

The initial run of samples -003 and -004 had surrogate failures. The sample was re-extracted out of holding time, the re-extracted results had surrogate failures. This confirms a matrix interference. All runs are reported.

Samples -007 to 011 were analyzed within holding time, however the method blank associated with these samples (batch 24171) had Decachlorobiphenyl below the recovery limits. All samples were re-extracted outside the holding time. All runs are reported.

The LCS recovery for Endrin aldehyde was outside method control limits in batch 24660. This run was used for verification only. Therefore the associated sample results were reported and no corrective action was required.

The LCSD of batch 24638 was spilled in extractions while it was being brought up to volume. The LCSD results are reported.

As per method requirements, only one of the surrogates has to be within acceptance limits. The sample results are reported and no corrective action is required.

Volatile Organic Compounds

The LCSD recovery for Trichlorofluoromethane was outside method control limits in batch 23958. The LCS results were within limits. Therefore the associated sample results were reported and no corrective action was required.

Semivolatile Organic Compounds

The surrogate recovery for Phenol-d5 in sample -013, MB and LCS was outside the acceptance limit in batch 24198. No sample remained for re-extraction. The LCS recovery for six analytes was slightly outside method control limits in batch 24198. As per method, it is statistically likely that a few analytes will be outside control limits; up to five analytes may marginally exceed the control limits. Therefore the associated sample results

Case Narrative
ARCADIS U.S., Inc.
Lot Number: KL17024

were reported and no corrective action was required.

The MS/MSD recoveries for many analytes in batch 24198 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Sample Summary
ARCADIS U.S., Inc.
Lot Number: KL17024

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	HAA01-MW-14 (121609)	Aqueous	12/16/2009 1125	12/17/2009
002	HAA01-MW-14D (121609)	Aqueous	12/16/2009 0905	12/17/2009
003	HAA01-MW-13 (121609)	Aqueous	12/16/2009 1655	12/17/2009
004	COE-MW-08 (121609)	Aqueous	12/16/2009 1520	12/17/2009
005	COE-MW-07 (121609)	Aqueous	12/16/2009 1250	12/17/2009
006	TB-01 (121609)	Aqueous	12/16/2009 0900	12/17/2009
007	HAA01-MW-9 (121609)	Aqueous	12/16/2009 1650	01/18/2010
008	COE-MW-2 (121609)	Aqueous	12/16/2009 1525	01/18/2010
009	COE-MW-3 (121609)	Aqueous	12/16/2009 1210	01/18/2010
010	COE-MW-1 (121609)	Aqueous	12/16/2009 1045	01/18/2010
011	HMW-14R (121609)	Aqueous	12/16/2009 0935	01/18/2010
012	TB-02(121609)	Aqueous	12/16/2009 0930	01/18/2010
013	HAA01-MW-18 (121609)	Aqueous	12/16/2009 1348	01/18/2010
014	HMW-9 (121609)	Aqueous	12/16/2009 1710	01/18/2010
015	HMW-11 (121609)	Aqueous	12/16/2009 1408	01/18/2010
016	HMW-8 (121609)	Aqueous	12/16/2009 1225	01/18/2010
017	HMW-2 (121609)	Aqueous	12/16/2009 1105	01/18/2010
018	TB-03 (121609)	Aqueous	12/16/2009	01/18/2010

(18 samples)

Executive Summary
ARCADIS U.S., Inc.
Lot Number: KL17024

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	HAA01-MW-14 (121609)	Aqueous	Toluene	8260B	240		ug/L	7
001	HAA01-MW-14 (121609)	Aqueous	Endrin aldehyde	8081B	0.031	P	ug/L	9
001	HAA01-MW-14 (121609)	Aqueous	Aldrin	8081B	8.4	PH	ug/L	9
001	HAA01-MW-14 (121609)	Aqueous	Endrin aldehyde	8081B	0.030	H	ug/L	10
001	HAA01-MW-14 (121609)	Aqueous	Mercury	7470A	0.000082	J	mg/L	11
001	HAA01-MW-14 (121609)	Aqueous	Barium	6010C	0.067		mg/L	12
001	HAA01-MW-14 (121609)	Aqueous	Chromium	6010C	0.0092		mg/L	12
002	HAA01-MW-14D (121609)	Aqueous	Acetone	8260B	2.4	J	ug/L	13
002	HAA01-MW-14D (121609)	Aqueous	Carbon disulfide	8260B	0.11	J	ug/L	13
002	HAA01-MW-14D (121609)	Aqueous	Barium	6010C	0.010	J	mg/L	18
002	HAA01-MW-14D (121609)	Aqueous	Silver	6010C	0.0011	J	mg/L	18
003	HAA01-MW-13 (121609)	Aqueous	Acetone	8260B	16		ug/L	19
003	HAA01-MW-13 (121609)	Aqueous	Carbon disulfide	8260B	0.73		ug/L	19
003	HAA01-MW-13 (121609)	Aqueous	Barium	6010C	0.12		mg/L	24
003	HAA01-MW-13 (121609)	Aqueous	Chromium	6010C	0.0045	J	mg/L	24
004	COE-MW-08 (121609)	Aqueous	Acetone	8260B	5.6	J	ug/L	25
004	COE-MW-08 (121609)	Aqueous	cis-1,2-Dichloroethene	8260B	16		ug/L	25
004	COE-MW-08 (121609)	Aqueous	Barium	6010C	0.12		mg/L	30
005	COE-MW-07 (121609)	Aqueous	Acetone	8260B	2.2	J	ug/L	31
005	COE-MW-07 (121609)	Aqueous	Benzene	8260B	1.1		ug/L	31
005	COE-MW-07 (121609)	Aqueous	Carbon disulfide	8260B	0.11	J	ug/L	31
005	COE-MW-07 (121609)	Aqueous	trans-1,2-Dichloroethene	8260B	8.9		ug/L	31
005	COE-MW-07 (121609)	Aqueous	1,1-Dichloroethene	8260B	5.8		ug/L	31
005	COE-MW-07 (121609)	Aqueous	cis-1,2-Dichloroethene	8260B	1600		ug/L	31
005	COE-MW-07 (121609)	Aqueous	2-Hexanone	8260B	0.42	J	ug/L	31
005	COE-MW-07 (121609)	Aqueous	Trichloroethene	8260B	0.59		ug/L	32
005	COE-MW-07 (121609)	Aqueous	Barium	6010C	0.042		mg/L	36
005	COE-MW-07 (121609)	Aqueous	Silver	6010C	0.00090	J	mg/L	36
006	TB-01 (121609)	Aqueous	Acetone	8260B	6.1	J	ug/L	37
006	TB-01 (121609)	Aqueous	cis-1,2-Dichloroethene	8260B	1.2	J	ug/L	37
007	HAA01-MW-9 (121609)	Aqueous	Aldrin	8081B	1.0	P	ug/L	41
007	HAA01-MW-9 (121609)	Aqueous	4,4'-DDE	8081B	0.012	JP	ug/L	41
007	HAA01-MW-9 (121609)	Aqueous	Endrin aldehyde	8081B	0.013	JP	ug/L	41
007	HAA01-MW-9 (121609)	Aqueous	Arsenic	6010C	0.0048	J	mg/L	43
007	HAA01-MW-9 (121609)	Aqueous	Barium	6010C	0.10		mg/L	43
008	COE-MW-2 (121609)	Aqueous	Benzene	8260B	2.5		ug/L	44
008	COE-MW-2 (121609)	Aqueous	trans-1,2-Dichloroethene	8260B	4.5		ug/L	44
008	COE-MW-2 (121609)	Aqueous	cis-1,2-Dichloroethene	8260B	130		ug/L	44
008	COE-MW-2 (121609)	Aqueous	Vinyl chloride	8260B	1.8		ug/L	45
008	COE-MW-2 (121609)	Aqueous	Aldrin	8081B	0.66	P	ug/L	46
008	COE-MW-2 (121609)	Aqueous	4,4'-DDT	8081B	0.21	PH	ug/L	47
008	COE-MW-2 (121609)	Aqueous	Barium	6010C	0.042		mg/L	49
008	COE-MW-2 (121609)	Aqueous	Cadmium	6010C	0.00095	J	mg/L	49
008	COE-MW-2 (121609)	Aqueous	Silver	6010C	0.0030	J	mg/L	49
009	COE-MW-3 (121609)	Aqueous	Benzene	8260B	11		ug/L	50

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
009	COE-MW-3 (121609)	Aqueous	trans-1,2-Dichloroethene	8260B	230		ug/L	50
009	COE-MW-3 (121609)	Aqueous	1,1-Dichloroethene	8260B	6.4		ug/L	50
009	COE-MW-3 (121609)	Aqueous	cis-1,2-Dichloroethene	8260B	7800		ug/L	50
009	COE-MW-3 (121609)	Aqueous	Toluene	8260B	42		ug/L	50
009	COE-MW-3 (121609)	Aqueous	Vinyl chloride	8260B	1000		ug/L	51
009	COE-MW-3 (121609)	Aqueous	Aldrin	8081B	0.22	P	ug/L	52
009	COE-MW-3 (121609)	Aqueous	Aldrin	8081B	0.012	JPH	ug/L	53
009	COE-MW-3 (121609)	Aqueous	Barium	6010C	0.094		mg/L	55
010	COE-MW-1 (121609)	Aqueous	Acetone	8260B	13		ug/L	56
010	COE-MW-1 (121609)	Aqueous	Benzene	8260B	1.3		ug/L	56
010	COE-MW-1 (121609)	Aqueous	trans-1,2-Dichloroethene	8260B	6.8		ug/L	56
010	COE-MW-1 (121609)	Aqueous	cis-1,2-Dichloroethene	8260B	92		ug/L	56
010	COE-MW-1 (121609)	Aqueous	Toluene	8260B	0.87		ug/L	56
010	COE-MW-1 (121609)	Aqueous	Xylenes (total)	8260B	2.6		ug/L	57
010	COE-MW-1 (121609)	Aqueous	Aldrin	8081B	2.7	P	ug/L	58
010	COE-MW-1 (121609)	Aqueous	Endrin aldehyde	8081B	0.014	J	ug/L	58
010	COE-MW-1 (121609)	Aqueous	Aldrin	8081B	4.6	P	ug/L	59
010	COE-MW-1 (121609)	Aqueous	4,4'-DDT	8081B	0.43	PH	ug/L	60
010	COE-MW-1 (121609)	Aqueous	Mercury	7470A	0.000057	J	mg/L	61
010	COE-MW-1 (121609)	Aqueous	Barium	6010C	0.13		mg/L	62
011	HMW-14R (121609)	Aqueous	Benzene	8260B	0.21	J	ug/L	63
011	HMW-14R (121609)	Aqueous	trans-1,2-Dichloroethene	8260B	17		ug/L	63
011	HMW-14R (121609)	Aqueous	cis-1,2-Dichloroethene	8260B	310		ug/L	63
011	HMW-14R (121609)	Aqueous	Trichloroethene	8260B	1.5		ug/L	64
011	HMW-14R (121609)	Aqueous	Vinyl chloride	8260B	1.3		ug/L	64
011	HMW-14R (121609)	Aqueous	Aldrin	8081B	0.41	P	ug/L	65
011	HMW-14R (121609)	Aqueous	Endrin aldehyde	8081B	0.0066	JP	ug/L	65
011	HMW-14R (121609)	Aqueous	4,4'-DDT	8081B	0.18	PH	ug/L	66
011	HMW-14R (121609)	Aqueous	Barium	6010C	0.048		mg/L	68
011	HMW-14R (121609)	Aqueous	Chromium	6010C	0.0022	J	mg/L	68
013	HAA01-MW-18 (121609)	Aqueous	Barium	6010C	0.011	J	mg/L	77

(76 detections)

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-001
Description: HAA01-MW-14 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1125
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0827	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	240		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-001
Description: HAA01-MW-14 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1125
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0827	RRH		24457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-001
Description: HAA01-MW-14 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1125
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 1944	NCM	12/23/2009 1130	24171
2	3520C	8081B	10	01/06/2010 2045	NCM	12/23/2009 1130	24171
3	3520C	8081B	1	01/06/2010 0256	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.25	0.020	ug/L	2
alpha-BHC	319-84-6	8081B	ND		0.025	0.0030	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	0.019	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	0.0081	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	0.0051	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.025	0.0030	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.025	0.0030	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	0.0061	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	0.0061	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	0.0030	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	0.0040	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	0.0061	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	0.024	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	0.0030	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	0.0051	ug/L	1
Endrin aldehyde	7421-93-4	8081B	0.031	P	0.025	0.0030	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.025	0.0040	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	0.020	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	0.0030	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	0.014	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	0.030	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits	Q	Run 3 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	38	49-124	N	42	49-124	HN	21	49-124
Tetrachloro-m-xylene	N	53	58-122	N	57	58-122	H	63	58-122

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 1944	NCM	12/23/2009 1130	24171
2	3520C	8081B	10	01/06/2010 2045	NCM	12/23/2009 1130	24171
3	3520C	8081B	1	01/06/2010 0256	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	8.4	PH	0.025	0.0020	ug/L	3
alpha-BHC	319-84-6	8081B	ND	H	0.025	0.0030	ug/L	3
beta-BHC	319-85-7	8081B	ND	H	0.025	0.019	ug/L	3
delta-BHC	319-86-8	8081B	ND	H	0.025	0.0081	ug/L	3
gamma-BHC (Lindane)	58-89-9	8081B	ND	H	0.025	0.0051	ug/L	3
alpha-Chlordane	5103-71-9	8081B	ND	H	0.025	0.0030	ug/L	3
gamma-Chlordane	5103-74-2	8081B	ND	H	0.025	0.0030	ug/L	3
4,4'-DDD	72-54-8	8081B	ND	H	0.025	0.0061	ug/L	3
4,4'-DDE	72-55-9	8081B	ND	H	0.025	0.0061	ug/L	3
4,4'-DDT	50-29-3	8081B	ND	H	0.025	0.0030	ug/L	3

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-001
Description: HAA01-MW-14 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1125
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 1944	NCM	12/23/2009 1130	24171
2	3520C	8081B	10	01/06/2010 2045	NCM	12/23/2009 1130	24171
3	3520C	8081B	1	01/06/2010 0256	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Dieldrin	60-57-1	8081B	ND	H	0.025	0.0040	ug/L	3
Endosulfan I	959-98-8	8081B	ND	H	0.025	0.0061	ug/L	3
Endosulfan II	33213-65-9	8081B	ND	H	0.025	0.024	ug/L	3
Endosulfan sulfate	1031-07-8	8081B	ND	H	0.025	0.0030	ug/L	3
Endrin	72-20-8	8081B	ND	H	0.025	0.0051	ug/L	3
Endrin aldehyde	7421-93-4	8081B	0.030	H	0.025	0.0030	ug/L	3
Endrin ketone	53494-70-5	8081B	ND	H	0.025	0.0040	ug/L	3
Heptachlor	76-44-8	8081B	ND	H	0.025	0.020	ug/L	3
Heptachlor epoxide	1024-57-3	8081B	ND	H	0.025	0.0030	ug/L	3
Methoxychlor	72-43-5	8081B	ND	H	0.10	0.014	ug/L	3
Toxaphene	8001-35-2	8081B	ND	H	0.25	0.030	ug/L	3

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits	Q	Run 3 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	38	49-124	N	42	49-124	HN	21	49-124
Tetrachloro-m-xylene	N	53	58-122	N	57	58-122	H	63	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-001
Description: HAA01-MW-14 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1125
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/17/2009 2359	BNW	12/17/2009 2030	23801

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.000082	J	0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-001
Description: HAA01-MW-14 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1125
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/29/2009 2309	CDF	12/22/2009 1500	24095
2	3005A	6010C	1	12/30/2009 2225	KJC	12/22/2009 1500	24095
3	3005A	6010C	1	01/04/2010 1709	CDF	12/22/2009 1500	24095

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.067		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	0.0092		0.0050	0.0021	mg/L	3
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-002
Description: HAA01-MW-14D (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0905
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/30/2009 0145	RRH		24460

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.4	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.11	J	0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-002
Description: HAA01-MW-14D (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0905
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/30/2009 0145	RRH		24460

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-002
Description: HAA01-MW-14D (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0905
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2004	NCM	12/23/2009 1130	24171
2	3520C	8081B	1	01/06/2010 0315	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	0.0020	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	0.0030	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	0.019	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	0.0081	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	0.0051	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.025	0.0030	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.025	0.0030	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	0.0061	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	0.0061	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	0.0030	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	0.0040	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	0.0061	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	0.024	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	0.0030	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	0.0051	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	0.0030	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.025	0.0040	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	0.020	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	0.0030	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	0.014	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	0.030	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	49-124	H	92	49-124
Tetrachloro-m-xylene		83	58-122	H	81	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-002
Description: HAA01-MW-14D (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0905
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2004	NCM	12/23/2009 1130	24171
2	3520C	8081B	1	01/06/2010 0315	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND	H	0.025	0.0020	ug/L	2
alpha-BHC	319-84-6	8081B	ND	H	0.025	0.0030	ug/L	2
beta-BHC	319-85-7	8081B	ND	H	0.025	0.019	ug/L	2
delta-BHC	319-86-8	8081B	ND	H	0.025	0.0081	ug/L	2
gamma-BHC (Lindane)	58-89-9	8081B	ND	H	0.025	0.0051	ug/L	2
alpha-Chlordane	5103-71-9	8081B	ND	H	0.025	0.0030	ug/L	2
gamma-Chlordane	5103-74-2	8081B	ND	H	0.025	0.0030	ug/L	2
4,4'-DDD	72-54-8	8081B	ND	H	0.025	0.0061	ug/L	2
4,4'-DDE	72-55-9	8081B	ND	H	0.025	0.0061	ug/L	2
4,4'-DDT	50-29-3	8081B	ND	H	0.025	0.0030	ug/L	2
Dieldrin	60-57-1	8081B	ND	H	0.025	0.0040	ug/L	2
Endosulfan I	959-98-8	8081B	ND	H	0.025	0.0061	ug/L	2
Endosulfan II	33213-65-9	8081B	ND	H	0.025	0.024	ug/L	2
Endosulfan sulfate	1031-07-8	8081B	ND	H	0.025	0.0030	ug/L	2
Endrin	72-20-8	8081B	ND	H	0.025	0.0051	ug/L	2
Endrin aldehyde	7421-93-4	8081B	ND	H	0.025	0.0030	ug/L	2
Endrin ketone	53494-70-5	8081B	ND	H	0.025	0.0040	ug/L	2
Heptachlor	76-44-8	8081B	ND	H	0.025	0.020	ug/L	2
Heptachlor epoxide	1024-57-3	8081B	ND	H	0.025	0.0030	ug/L	2
Methoxychlor	72-43-5	8081B	ND	H	0.10	0.014	ug/L	2
Toxaphene	8001-35-2	8081B	ND	H	0.25	0.030	ug/L	2

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	49-124	H	92	49-124
Tetrachloro-m-xylene		83	58-122	H	81	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-002
Description: HAA01-MW-14D (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0905
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/18/2009 0002	BNW	12/17/2009 2030	23801

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-002
Description: HAA01-MW-14D (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0905
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/29/2009 2315	CDF	12/22/2009 1500	24095
2	3005A	6010C	1	12/30/2009 2231	KJC	12/22/2009 1500	24095
3	3005A	6010C	1	01/04/2010 1713	CDF	12/22/2009 1500	24095

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.010	J	0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.0021	mg/L	3
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	0.0011	J	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-003
Description: HAA01-MW-13 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1655
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 2352	RRH		24460

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	16		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.73		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-003
Description: HAA01-MW-13 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1655
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 2352	RRH		24460

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		98	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-003
Description: HAA01-MW-13 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1655
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2023	NCM	12/23/2009 1130	24171
2	3520C	8081B	1	01/06/2010 0335	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	0.0020	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	0.0030	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	0.019	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	0.0081	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	0.0051	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.025	0.0030	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.025	0.0030	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	0.0061	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	0.0061	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	0.0030	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	0.0040	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	0.0061	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	0.024	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	0.0030	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	0.0051	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	0.0030	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.025	0.0040	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	0.020	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	0.0030	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	0.014	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	0.030	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	29	49-124	HN	32	49-124
Tetrachloro-m-xylene	N	53	58-122	H	80	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-003
Description: HAA01-MW-13 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1655
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2023	NCM	12/23/2009 1130	24171
2	3520C	8081B	1	01/06/2010 0335	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND	H	0.025	0.0020	ug/L	2
alpha-BHC	319-84-6	8081B	ND	H	0.025	0.0030	ug/L	2
beta-BHC	319-85-7	8081B	ND	H	0.025	0.019	ug/L	2
delta-BHC	319-86-8	8081B	ND	H	0.025	0.0081	ug/L	2
gamma-BHC (Lindane)	58-89-9	8081B	ND	H	0.025	0.0051	ug/L	2
alpha-Chlordane	5103-71-9	8081B	ND	H	0.025	0.0030	ug/L	2
gamma-Chlordane	5103-74-2	8081B	ND	H	0.025	0.0030	ug/L	2
4,4'-DDD	72-54-8	8081B	ND	H	0.025	0.0061	ug/L	2
4,4'-DDE	72-55-9	8081B	ND	H	0.025	0.0061	ug/L	2
4,4'-DDT	50-29-3	8081B	ND	H	0.025	0.0030	ug/L	2
Dieldrin	60-57-1	8081B	ND	H	0.025	0.0040	ug/L	2
Endosulfan I	959-98-8	8081B	ND	H	0.025	0.0061	ug/L	2
Endosulfan II	33213-65-9	8081B	ND	H	0.025	0.024	ug/L	2
Endosulfan sulfate	1031-07-8	8081B	ND	H	0.025	0.0030	ug/L	2
Endrin	72-20-8	8081B	ND	H	0.025	0.0051	ug/L	2
Endrin aldehyde	7421-93-4	8081B	ND	H	0.025	0.0030	ug/L	2
Endrin ketone	53494-70-5	8081B	ND	H	0.025	0.0040	ug/L	2
Heptachlor	76-44-8	8081B	ND	H	0.025	0.020	ug/L	2
Heptachlor epoxide	1024-57-3	8081B	ND	H	0.025	0.0030	ug/L	2
Methoxychlor	72-43-5	8081B	ND	H	0.10	0.014	ug/L	2
Toxaphene	8001-35-2	8081B	ND	H	0.25	0.030	ug/L	2

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	29	49-124	HN	32	49-124
Tetrachloro-m-xylene	N	53	58-122	H	80	58-122

PQL = Practical quantitation limit
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-003
Description: HAA01-MW-13 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1655
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/18/2009 0004	BNW	12/17/2009 2030	23801

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
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ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-003
Description: HAA01-MW-13 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1655
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/29/2009 2321	CDF	12/22/2009 1500	24095
2	3005A	6010C	1	12/30/2009 2237	KJC	12/22/2009 1500	24095
3	3005A	6010C	1	01/04/2010 1717	CDF	12/22/2009 1500	24095

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.12		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	0.0045	J	0.0050	0.0021	mg/L	3
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-004
Description: COE-MW-08 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1520
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/30/2009 0014	RRH		24460

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	5.6	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	16		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-004
Description: COE-MW-08 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1520
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/30/2009 0014	RRH		24460

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		98	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-004
Description: COE-MW-08 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1520
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2043	NCM	12/23/2009 1130	24171
2	3520C	8081B	1	01/06/2010 0355	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	0.0020	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	0.0030	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	0.019	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	0.0080	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	0.0050	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.025	0.0030	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.025	0.0030	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	0.0060	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	0.0060	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	0.0030	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	0.0040	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	0.0060	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	0.024	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	0.0030	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	0.0050	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	0.0030	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.025	0.0040	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	0.020	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	0.0030	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	0.014	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	0.030	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	37	49-124	HN	23	49-124
Tetrachloro-m-xylene		84	58-122	HN	51	58-122

PQL = Practical quantitation limit
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ND = Not detected at or above the MDL
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Description: COE-MW-08 (121609)
Date Sampled: 12/16/2009 1520
Date Received: 12/17/2009

Laboratory ID: KL17024-004
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2043	NCM	12/23/2009 1130	24171
2	3520C	8081B	1	01/06/2010 0355	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND	H	0.025	0.0020	ug/L	2
alpha-BHC	319-84-6	8081B	ND	H	0.025	0.0030	ug/L	2
beta-BHC	319-85-7	8081B	ND	H	0.025	0.019	ug/L	2
delta-BHC	319-86-8	8081B	ND	H	0.025	0.0081	ug/L	2
gamma-BHC (Lindane)	58-89-9	8081B	ND	H	0.025	0.0051	ug/L	2
alpha-Chlordane	5103-71-9	8081B	ND	H	0.025	0.0030	ug/L	2
gamma-Chlordane	5103-74-2	8081B	ND	H	0.025	0.0030	ug/L	2
4,4'-DDD	72-54-8	8081B	ND	H	0.025	0.0061	ug/L	2
4,4'-DDE	72-55-9	8081B	ND	H	0.025	0.0061	ug/L	2
4,4'-DDT	50-29-3	8081B	ND	H	0.025	0.0030	ug/L	2
Dieldrin	60-57-1	8081B	ND	H	0.025	0.0040	ug/L	2
Endosulfan I	959-98-8	8081B	ND	H	0.025	0.0061	ug/L	2
Endosulfan II	33213-65-9	8081B	ND	H	0.025	0.024	ug/L	2
Endosulfan sulfate	1031-07-8	8081B	ND	H	0.025	0.0030	ug/L	2
Endrin	72-20-8	8081B	ND	H	0.025	0.0051	ug/L	2
Endrin aldehyde	7421-93-4	8081B	ND	H	0.025	0.0030	ug/L	2
Endrin ketone	53494-70-5	8081B	ND	H	0.025	0.0040	ug/L	2
Heptachlor	76-44-8	8081B	ND	H	0.025	0.020	ug/L	2
Heptachlor epoxide	1024-57-3	8081B	ND	H	0.025	0.0030	ug/L	2
Methoxychlor	72-43-5	8081B	ND	H	0.10	0.014	ug/L	2
Toxaphene	8001-35-2	8081B	ND	H	0.25	0.030	ug/L	2

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	37	49-124	HN	23	49-124
Tetrachloro-m-xylene		84	58-122	HN	51	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Description: COE-MW-08 (121609)
Date Sampled: 12/16/2009 1520
Date Received: 12/17/2009

Laboratory ID: KL17024-004
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/18/2009 0012	BNW	12/17/2009 2030	23801

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Description: COE-MW-08 (121609)
Date Sampled: 12/16/2009 1520
Date Received: 12/17/2009

Laboratory ID: KL17024-004
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/29/2009 2327	CDF	12/22/2009 1500	24095
2	3005A	6010C	1	12/30/2009 2243	KJC	12/22/2009 1500	24095
3	3005A	6010C	1	01/04/2010 1721	CDF	12/22/2009 1500	24095

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.12		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.0021	mg/L	3
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-005
Description: COE-MW-07 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1250
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/30/2009 0036	RRH		24460
2	5030B	8260B	5	12/30/2009 2301	RRH		24539

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.2	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	1.1		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.11	J	0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	8.9		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	5.8		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	1600		2.5	0.44	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	0.42	J	10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-005
Description: COE-MW-07 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1250
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/30/2009 0036	RRH		24460
2	5030B	8260B	5	12/30/2009 2301	RRH		24539

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1
Trichloroethene	79-01-6	8260B	0.59		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	70-130		105	70-130
Bromofluorobenzene		94	70-130		101	70-130
Toluene-d8		100	70-130		102	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-005
Description: COE-MW-07 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1250
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2103	NCM	12/23/2009 1130	24171
2	3520C	8081B	1	01/06/2010 0415	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	0.0020	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	0.0030	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	0.019	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	0.0080	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	0.0050	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.025	0.0030	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.025	0.0030	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	0.0060	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	0.0060	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	0.0030	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	0.0040	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	0.0060	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	0.024	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	0.0030	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	0.0050	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	0.0030	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.025	0.0040	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	0.020	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	0.0030	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	0.014	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	0.030	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		50	49-124	H	89	49-124
Tetrachloro-m-xylene		82	58-122	H	72	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-005
Description: COE-MW-07 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1250
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2103	NCM	12/23/2009 1130	24171
2	3520C	8081B	1	01/06/2010 0415	NCM	01/04/2010 2121	24660

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND	H	0.025	0.0020	ug/L	2
alpha-BHC	319-84-6	8081B	ND	H	0.025	0.0030	ug/L	2
beta-BHC	319-85-7	8081B	ND	H	0.025	0.019	ug/L	2
delta-BHC	319-86-8	8081B	ND	H	0.025	0.0081	ug/L	2
gamma-BHC (Lindane)	58-89-9	8081B	ND	H	0.025	0.0051	ug/L	2
alpha-Chlordane	5103-71-9	8081B	ND	H	0.025	0.0030	ug/L	2
gamma-Chlordane	5103-74-2	8081B	ND	H	0.025	0.0030	ug/L	2
4,4'-DDD	72-54-8	8081B	ND	H	0.025	0.0061	ug/L	2
4,4'-DDE	72-55-9	8081B	ND	H	0.025	0.0061	ug/L	2
4,4'-DDT	50-29-3	8081B	ND	H	0.025	0.0030	ug/L	2
Dieldrin	60-57-1	8081B	ND	H	0.025	0.0040	ug/L	2
Endosulfan I	959-98-8	8081B	ND	H	0.025	0.0061	ug/L	2
Endosulfan II	33213-65-9	8081B	ND	H	0.025	0.024	ug/L	2
Endosulfan sulfate	1031-07-8	8081B	ND	H	0.025	0.0030	ug/L	2
Endrin	72-20-8	8081B	ND	H	0.025	0.0051	ug/L	2
Endrin aldehyde	7421-93-4	8081B	ND	H	0.025	0.0030	ug/L	2
Endrin ketone	53494-70-5	8081B	ND	H	0.025	0.0040	ug/L	2
Heptachlor	76-44-8	8081B	ND	H	0.025	0.020	ug/L	2
Heptachlor epoxide	1024-57-3	8081B	ND	H	0.025	0.0030	ug/L	2
Methoxychlor	72-43-5	8081B	ND	H	0.10	0.014	ug/L	2
Toxaphene	8001-35-2	8081B	ND	H	0.25	0.030	ug/L	2

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		50	49-124	H	89	49-124
Tetrachloro-m-xylene		82	58-122	H	72	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Description: COE-MW-07 (121609)
Date Sampled: 12/16/2009 1250
Date Received: 12/17/2009

Laboratory ID: KL17024-005
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/18/2009 0014	BNW	12/17/2009 2030	23801

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Description: COE-MW-07 (121609)
Date Sampled: 12/16/2009 1250
Date Received: 12/17/2009

Laboratory ID: KL17024-005
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/29/2009 2333	CDF	12/22/2009 1500	24095
2	3005A	6010C	1	12/30/2009 2249	KJC	12/22/2009 1500	24095
3	3005A	6010C	1	01/04/2010 1725	CDF	12/22/2009 1500	24095

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.042		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.0021	mg/L	3
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	0.00090	J	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-006
Description: TB-01 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0900
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	5	12/30/2009 0733	RRH		24460

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	6.1	J	50	0.31	ug/L	1
Benzene	71-43-2	8260B	ND		2.5	0.14	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		2.5	0.85	ug/L	1
Bromoform	75-25-2	8260B	ND		2.5	0.051	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.5	1.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		50	10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		2.5	0.49	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		2.5	0.43	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		2.5	0.85	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.5	0.85	ug/L	1
Chloroform	67-66-3	8260B	ND		2.5	0.85	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.5	0.87	ug/L	1
Cyclohexane	110-82-7	8260B	ND		2.5	1.5	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		2.5	0.35	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		2.5	0.85	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		2.5	0.31	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		2.5	0.85	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		2.5	0.85	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		2.5	0.85	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.5	0.35	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		2.5	0.27	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		2.5	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		2.5	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		2.5	0.47	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	1.2	J	2.5	0.44	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		2.5	0.41	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		2.5	0.90	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		2.5	0.45	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		2.5	0.85	ug/L	1
2-Hexanone	591-78-6	8260B	ND		50	1.4	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		2.5	0.14	ug/L	1
Methyl acetate	79-20-9	8260B	ND		5.0	1.5	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		2.5	0.095	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		50	1.6	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		25	4.8	ug/L	1
Methylene chloride	75-09-2	8260B	ND		2.5	0.85	ug/L	1
Styrene	100-42-5	8260B	ND		2.5	0.075	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		2.5	0.065	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		2.5	0.072	ug/L	1
Toluene	108-88-3	8260B	ND		2.5	0.85	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		2.5	1.5	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		2.5	0.85	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		2.5	0.14	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		2.5	0.16	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-006
Description: TB-01 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0900
Date Received: 12/17/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	5	12/30/2009 0733	RRH		24460

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		2.5	0.12	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		2.5	0.25	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.5	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		2.5	0.85	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-007
Description: HAA01-MW-9 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1650
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/18/2009 1425	DLB		25653

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-007
Description: HAA01-MW-9 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1650
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/18/2009 1425	DLB		25653

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	70-130
Bromofluorobenzene		113	70-130
Toluene-d8		114	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-007
Description: HAA01-MW-9 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1650
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2123	NCM	12/23/2009 1130	25659
2	3520C	8081B	2	01/05/2010 1536	NCM	12/23/2009 1130	25659

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	1.0	P	0.053	0.0042	ug/L	2
alpha-BHC	319-84-6	8081B	ND		0.026	0.0032	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.026	0.020	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.026	0.0084	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.026	0.0053	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.026	0.0032	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.026	0.0032	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.026	0.0063	ug/L	1
4,4'-DDE	72-55-9	8081B	0.012	JP	0.026	0.0063	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.026	0.0032	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.026	0.0042	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.026	0.0063	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.026	0.025	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.026	0.0032	ug/L	1
Endrin	72-20-8	8081B	ND		0.026	0.0053	ug/L	1
Endrin aldehyde	7421-93-4	8081B	0.013	JP	0.026	0.0032	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.026	0.0042	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.026	0.021	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.026	0.0032	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.11	0.015	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.26	0.032	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		77	49-124		77	49-124
Tetrachloro-m-xylene		77	58-122		79	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-007
Description: HAA01-MW-9 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1650
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/18/2009 0026	BNW	12/17/2009 2030	25661

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-007
Description: HAA01-MW-9 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1650
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/30/2009 0037	CDF	12/22/2009 1500	25665
2	3005A	6010C	1	12/30/2009 2354	KJC	12/22/2009 1500	25665

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.0048	J	0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.10		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.0021	mg/L	2
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-008
Description: COE-MW-2 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1525
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/18/2009 1552	DLB		25653
2	5030B	8260B	1	12/29/2009 1535	RRH		25654

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	2.5		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	4.5		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	130		0.50	0.087	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-008
Description: COE-MW-2 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1525
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/18/2009 1552	DLB		25653
2	5030B	8260B	1	12/29/2009 1535	RRH		25654

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	1.8		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	70-130		95	70-130
Bromofluorobenzene		115	70-130		92	70-130
Toluene-d8		116	70-130		102	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-008
Description: COE-MW-2 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1525
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2142	NCM	12/23/2009 1130	25659
2	3520C	8081B	1	01/06/2010 0459	ASB	01/04/2010 1738	25657

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	0.66	P	0.028	0.0022	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.028	0.0033	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.028	0.021	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.028	0.0089	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.028	0.0056	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.028	0.0033	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.028	0.0033	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.028	0.0033	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.028	0.0044	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.028	0.0067	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.028	0.027	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.028	0.0033	ug/L	1
Endrin	72-20-8	8081B	ND		0.028	0.0056	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.028	0.0033	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.028	0.0044	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.028	0.022	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.028	0.0033	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.11	0.016	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.28	0.033	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		64	49-124	H	73	49-124
Tetrachloro-m-xylene		79	58-122	H	87	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-008
Description: COE-MW-2 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1525
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2142	NCM	12/23/2009 1130	25659
2	3520C	8081B	1	01/06/2010 0459	ASB	01/04/2010 1738	25657

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND	H	0.027	0.0022	ug/L	2
alpha-BHC	319-84-6	8081B	ND	H	0.027	0.0033	ug/L	2
beta-BHC	319-85-7	8081B	ND	H	0.027	0.021	ug/L	2
delta-BHC	319-86-8	8081B	ND	H	0.027	0.0088	ug/L	2
gamma-BHC (Lindane)	58-89-9	8081B	ND	H	0.027	0.0055	ug/L	2
alpha-Chlordane	5103-71-9	8081B	ND	H	0.027	0.0033	ug/L	2
gamma-Chlordane	5103-74-2	8081B	ND	H	0.027	0.0033	ug/L	2
4,4'-DDD	72-54-8	8081B	ND	H	0.027	0.0066	ug/L	2
4,4'-DDE	72-55-9	8081B	ND	H	0.027	0.0066	ug/L	2
4,4'-DDT	50-29-3	8081B	0.21	PH	0.027	0.0033	ug/L	2
Dieldrin	60-57-1	8081B	ND	H	0.027	0.0044	ug/L	2
Endosulfan I	959-98-8	8081B	ND	H	0.027	0.0066	ug/L	2
Endosulfan II	33213-65-9	8081B	ND	H	0.027	0.026	ug/L	2
Endosulfan sulfate	1031-07-8	8081B	ND	H	0.027	0.0033	ug/L	2
Endrin	72-20-8	8081B	ND	H	0.027	0.0055	ug/L	2
Endrin aldehyde	7421-93-4	8081B	ND	H	0.027	0.0033	ug/L	2
Endrin ketone	53494-70-5	8081B	ND	H	0.027	0.0044	ug/L	2
Heptachlor	76-44-8	8081B	ND	H	0.027	0.022	ug/L	2
Heptachlor epoxide	1024-57-3	8081B	ND	H	0.027	0.0033	ug/L	2
Methoxychlor	72-43-5	8081B	ND	H	0.11	0.015	ug/L	2
Toxaphene	8001-35-2	8081B	ND	H	0.27	0.033	ug/L	2

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		64	49-124	H	73	49-124
Tetrachloro-m-xylene		79	58-122	H	87	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Description: COE-MW-2 (121609)
Date Sampled: 12/16/2009 1525
Date Received: 01/18/2010

Laboratory ID: KL17024-008
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/18/2009 0047	BNW	12/17/2009 2030	25663

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Description: COE-MW-2 (121609)
Date Sampled: 12/16/2009 1525
Date Received: 01/18/2010

Laboratory ID: KL17024-008
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/30/2009 0043	CDF	12/22/2009 1500	25665
2	3005A	6010C	1	12/31/2009 0000	KJC	12/22/2009 1500	25665

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.042		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	0.00095	J	0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.0021	mg/L	2
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	0.0030	J	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-009
Description: COE-MW-3 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1210
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	5	12/18/2009 1509	DLB		25653
2	5030B	8260B	50	12/29/2009 1725	RRH		25654

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		50	0.31	ug/L	1
Benzene	71-43-2	8260B	11		2.5	0.14	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		2.5	0.85	ug/L	1
Bromoform	75-25-2	8260B	ND		2.5	0.051	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.5	1.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		50	10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		2.5	0.49	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		2.5	0.43	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		2.5	0.85	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.5	0.85	ug/L	1
Chloroform	67-66-3	8260B	ND		2.5	0.85	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.5	0.87	ug/L	1
Cyclohexane	110-82-7	8260B	ND		2.5	1.5	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		2.5	0.35	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		2.5	0.85	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		2.5	0.31	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		2.5	0.85	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		2.5	0.85	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		2.5	0.85	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.5	0.35	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		2.5	0.27	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		2.5	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	230		2.5	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	6.4		2.5	0.47	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	7800		25	4.4	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		2.5	0.41	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		2.5	0.90	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		2.5	0.45	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		2.5	0.85	ug/L	1
2-Hexanone	591-78-6	8260B	ND		50	1.4	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		2.5	0.14	ug/L	1
Methyl acetate	79-20-9	8260B	ND		5.0	1.5	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		2.5	0.095	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		50	1.6	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		25	4.8	ug/L	1
Methylene chloride	75-09-2	8260B	ND		2.5	0.85	ug/L	1
Styrene	100-42-5	8260B	ND		2.5	0.075	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		2.5	0.065	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		2.5	0.072	ug/L	1
Toluene	108-88-3	8260B	42		2.5	0.85	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		2.5	1.5	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		2.5	0.85	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		2.5	0.14	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-009
Description: COE-MW-3 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1210
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	5	12/18/2009 1509	DLB		25653
2	5030B	8260B	50	12/29/2009 1725	RRH		25654

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloroethane	79-00-5	8260B	ND		2.5	0.16	ug/L	1
Trichloroethene	79-01-6	8260B	ND		2.5	0.12	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		2.5	0.25	ug/L	1
Vinyl chloride	75-01-4	8260B	1000		2.5	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		2.5	0.85	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	70-130		98	70-130
Bromofluorobenzene		116	70-130		91	70-130
Toluene-d8		116	70-130		100	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Description: COE-MW-3 (121609)
Date Sampled: 12/16/2009 1210
Date Received: 01/18/2010

Laboratory ID: KL17024-009
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2202	NCM	12/23/2009 1130	25659
2	3520C	8081B	1	01/06/2010 0514	ASB	01/04/2010 1738	25657

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	0.22	P	0.028	0.0022	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.028	0.0033	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.028	0.021	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.028	0.0089	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.028	0.0056	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.028	0.0033	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.028	0.0033	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.028	0.0033	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.028	0.0044	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.028	0.0067	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.028	0.027	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.028	0.0033	ug/L	1
Endrin	72-20-8	8081B	ND		0.028	0.0056	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.028	0.0033	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.028	0.0044	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.028	0.022	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.028	0.0033	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.11	0.016	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.28	0.033	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	41	49-124	H	49	49-124
Tetrachloro-m-xylene		67	58-122	H	83	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-009
Description: COE-MW-3 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1210
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2202	NCM	12/23/2009 1130	25659
2	3520C	8081B	1	01/06/2010 0514	ASB	01/04/2010 1738	25657

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	0.012	JPH	0.026	0.0021	ug/L	2
alpha-BHC	319-84-6	8081B	ND	H	0.026	0.0031	ug/L	2
beta-BHC	319-85-7	8081B	ND	H	0.026	0.020	ug/L	2
delta-BHC	319-86-8	8081B	ND	H	0.026	0.0083	ug/L	2
gamma-BHC (Lindane)	58-89-9	8081B	ND	H	0.026	0.0052	ug/L	2
alpha-Chlordane	5103-71-9	8081B	ND	H	0.026	0.0031	ug/L	2
gamma-Chlordane	5103-74-2	8081B	ND	H	0.026	0.0031	ug/L	2
4,4'-DDD	72-54-8	8081B	ND	H	0.026	0.0063	ug/L	2
4,4'-DDE	72-55-9	8081B	ND	H	0.026	0.0063	ug/L	2
4,4'-DDT	50-29-3	8081B	ND	H	0.026	0.0031	ug/L	2
Dieldrin	60-57-1	8081B	ND	H	0.026	0.0042	ug/L	2
Endosulfan I	959-98-8	8081B	ND	H	0.026	0.0063	ug/L	2
Endosulfan II	33213-65-9	8081B	ND	H	0.026	0.025	ug/L	2
Endosulfan sulfate	1031-07-8	8081B	ND	H	0.026	0.0031	ug/L	2
Endrin	72-20-8	8081B	ND	H	0.026	0.0052	ug/L	2
Endrin aldehyde	7421-93-4	8081B	ND	H	0.026	0.0031	ug/L	2
Endrin ketone	53494-70-5	8081B	ND	H	0.026	0.0042	ug/L	2
Heptachlor	76-44-8	8081B	ND	H	0.026	0.021	ug/L	2
Heptachlor epoxide	1024-57-3	8081B	ND	H	0.026	0.0031	ug/L	2
Methoxychlor	72-43-5	8081B	ND	H	0.10	0.015	ug/L	2
Toxaphene	8001-35-2	8081B	ND	H	0.26	0.031	ug/L	2

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	41	49-124	H	49	49-124
Tetrachloro-m-xylene		67	58-122	H	83	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Description: COE-MW-3 (121609)
Date Sampled: 12/16/2009 1210
Date Received: 01/18/2010

Laboratory ID: KL17024-009
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/18/2009 0050	BNW	12/17/2009 2030	25663

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Description: COE-MW-3 (121609)
Date Sampled: 12/16/2009 1210
Date Received: 01/18/2010

Laboratory ID: KL17024-009
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/30/2009 0049	CDF	12/22/2009 1500	25665
2	3005A	6010C	1	12/31/2009 0006	KJC	12/22/2009 1500	25665

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.094		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.0021	mg/L	2
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-010
Description: COE-MW-1 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1045
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 1936	RRH		25654

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	13		10	0.061	ug/L	1
Benzene	71-43-2	8260B	1.3		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	6.8		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	92		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	0.87		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-010
Description: COE-MW-1 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1045
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 1936	RRH		25654

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	2.6		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Description: COE-MW-1 (121609)
Date Sampled: 12/16/2009 1045
Date Received: 01/18/2010

Laboratory ID: KL17024-010
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2222	NCM	12/23/2009 1130	25659
2	3520C	8081B	5	01/05/2010 1556	NCM	12/23/2009 1130	25659
3	3520C	8081B	1	01/06/2010 0530	ASB	01/04/2010 1738	25657

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	2.7	P	0.028	0.0022	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.028	0.0033	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.028	0.021	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.028	0.0089	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.028	0.0056	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.028	0.0033	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.028	0.0033	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.028	0.0033	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.028	0.0044	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.028	0.0067	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.028	0.027	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.028	0.0033	ug/L	1
Endrin	72-20-8	8081B	ND		0.028	0.0056	ug/L	1
Endrin aldehyde	7421-93-4	8081B	0.014	J	0.028	0.0033	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.028	0.0044	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.028	0.022	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.028	0.0033	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.11	0.016	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.28	0.033	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits	Q	Run 3 % Recovery	Acceptance Limits
Decachlorobiphenyl		62	49-124		65	49-124	HN	45	49-124
Tetrachloro-m-xylene		78	58-122		84	58-122	H	84	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-010
Description: COE-MW-1 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1045
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2222	NCM	12/23/2009 1130	25659
2	3520C	8081B	5	01/05/2010 1556	NCM	12/23/2009 1130	25659
3	3520C	8081B	1	01/06/2010 0530	ASB	01/04/2010 1738	25657

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	4.6	P	0.14	0.011	ug/L	2
alpha-BHC	319-84-6	8081B	ND		0.14	0.017	ug/L	2
beta-BHC	319-85-7	8081B	ND		0.14	0.11	ug/L	2
delta-BHC	319-86-8	8081B	ND		0.14	0.044	ug/L	2
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.14	0.028	ug/L	2
alpha-Chlordane	5103-71-9	8081B	ND		0.14	0.017	ug/L	2
gamma-Chlordane	5103-74-2	8081B	ND		0.14	0.017	ug/L	2
4,4'-DDD	72-54-8	8081B	ND		0.14	0.033	ug/L	2
4,4'-DDE	72-55-9	8081B	ND		0.14	0.033	ug/L	2
4,4'-DDT	50-29-3	8081B	ND		0.14	0.017	ug/L	2
Dieldrin	60-57-1	8081B	ND		0.14	0.022	ug/L	2
Endosulfan I	959-98-8	8081B	ND		0.14	0.033	ug/L	2
Endosulfan II	33213-65-9	8081B	ND		0.14	0.13	ug/L	2
Endosulfan sulfate	1031-07-8	8081B	ND		0.14	0.017	ug/L	2
Endrin	72-20-8	8081B	ND		0.14	0.028	ug/L	2
Endrin aldehyde	7421-93-4	8081B	ND		0.14	0.017	ug/L	2
Endrin ketone	53494-70-5	8081B	ND		0.14	0.022	ug/L	2
Heptachlor	76-44-8	8081B	ND		0.14	0.11	ug/L	2
Heptachlor epoxide	1024-57-3	8081B	ND		0.14	0.017	ug/L	2
Methoxychlor	72-43-5	8081B	ND		0.56	0.078	ug/L	2
Toxaphene	8001-35-2	8081B	ND		1.4	0.17	ug/L	2

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits	Q	Run 3 % Recovery	Acceptance Limits
Decachlorobiphenyl		62	49-124		65	49-124	HN	45	49-124
Tetrachloro-m-xylene		78	58-122		84	58-122	H	84	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Description: COE-MW-1 (121609)
Date Sampled: 12/16/2009 1045
Date Received: 01/18/2010

Laboratory ID: KL17024-010
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2222	NCM	12/23/2009 1130	25659
2	3520C	8081B	5	01/05/2010 1556	NCM	12/23/2009 1130	25659
3	3520C	8081B	1	01/06/2010 0530	ASB	01/04/2010 1738	25657

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND	H	0.027	0.0022	ug/L	3
alpha-BHC	319-84-6	8081B	ND	H	0.027	0.0033	ug/L	3
beta-BHC	319-85-7	8081B	ND	H	0.027	0.021	ug/L	3
delta-BHC	319-86-8	8081B	ND	H	0.027	0.0087	ug/L	3
gamma-BHC (Lindane)	58-89-9	8081B	ND	H	0.027	0.0054	ug/L	3
alpha-Chlordane	5103-71-9	8081B	ND	H	0.027	0.0033	ug/L	3
gamma-Chlordane	5103-74-2	8081B	ND	H	0.027	0.0033	ug/L	3
4,4'-DDD	72-54-8	8081B	ND	H	0.027	0.0065	ug/L	3
4,4'-DDE	72-55-9	8081B	ND	H	0.027	0.0065	ug/L	3
4,4'-DDT	50-29-3	8081B	0.43	PH	0.027	0.0033	ug/L	3
Dieldrin	60-57-1	8081B	ND	H	0.027	0.0043	ug/L	3
Endosulfan I	959-98-8	8081B	ND	H	0.027	0.0065	ug/L	3
Endosulfan II	33213-65-9	8081B	ND	H	0.027	0.026	ug/L	3
Endosulfan sulfate	1031-07-8	8081B	ND	H	0.027	0.0033	ug/L	3
Endrin	72-20-8	8081B	ND	H	0.027	0.0054	ug/L	3
Endrin aldehyde	7421-93-4	8081B	ND	H	0.027	0.0033	ug/L	3
Endrin ketone	53494-70-5	8081B	ND	H	0.027	0.0043	ug/L	3
Heptachlor	76-44-8	8081B	ND	H	0.027	0.022	ug/L	3
Heptachlor epoxide	1024-57-3	8081B	ND	H	0.027	0.0033	ug/L	3
Methoxychlor	72-43-5	8081B	ND	H	0.11	0.015	ug/L	3
Toxaphene	8001-35-2	8081B	ND	H	0.27	0.033	ug/L	3

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits	Q	Run 3 % Recovery	Acceptance Limits
Decachlorobiphenyl		62	49-124		65	49-124	HN	45	49-124
Tetrachloro-m-xylene		78	58-122		84	58-122	H	84	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Description: COE-MW-1 (121609)
Date Sampled: 12/16/2009 1045
Date Received: 01/18/2010

Laboratory ID: KL17024-010
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/18/2009 0053	BNW	12/17/2009 2030	25663

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.000057	J	0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Description: COE-MW-1 (121609)
Date Sampled: 12/16/2009 1045
Date Received: 01/18/2010

Laboratory ID: KL17024-010
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/30/2009 0054	CDF	12/22/2009 1500	25665
2	3005A	6010C	1	12/31/2009 0012	KJC	12/22/2009 1500	25665

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.13		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.0021	mg/L	2
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-011
Description: HMW-14R (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0935
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/18/2009 1531	DLB		25653
2	5030B	8260B	1	12/29/2009 1557	RRH		25654

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	0.21	J	0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	17		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	310		0.50	0.087	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-011
Description: HMW-14R (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0935
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/18/2009 1531	DLB		25653
2	5030B	8260B	1	12/29/2009 1557	RRH		25654

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1
Trichloroethene	79-01-6	8260B	1.5		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	1.3		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	70-130		94	70-130
Bromofluorobenzene		116	70-130		89	70-130
Toluene-d8		116	70-130		97	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-011
Description: HMW-14R (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0935
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2242	NCM	12/23/2009 1130	25659
2	3520C	8081B	1	01/06/2010 0546	ASB	01/04/2010 1738	25657

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	0.41	P	0.027	0.0022	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.027	0.0032	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.027	0.020	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.027	0.0086	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.027	0.0054	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.027	0.0032	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.027	0.0032	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.027	0.0065	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.027	0.0065	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.027	0.0032	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.027	0.0043	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.027	0.0065	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.027	0.026	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.027	0.0032	ug/L	1
Endrin	72-20-8	8081B	ND		0.027	0.0054	ug/L	1
Endrin aldehyde	7421-93-4	8081B	0.0066	JP	0.027	0.0032	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.027	0.0043	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.027	0.022	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.027	0.0032	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.11	0.015	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.27	0.032	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		54	49-124	H	64	49-124
Tetrachloro-m-xylene		73	58-122	H	80	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-011
Description: HMW-14R (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0935
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 2242	NCM	12/23/2009 1130	25659
2	3520C	8081B	1	01/06/2010 0546	ASB	01/04/2010 1738	25657

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND	H	0.027	0.0022	ug/L	2
alpha-BHC	319-84-6	8081B	ND	H	0.027	0.0033	ug/L	2
beta-BHC	319-85-7	8081B	ND	H	0.027	0.021	ug/L	2
delta-BHC	319-86-8	8081B	ND	H	0.027	0.0087	ug/L	2
gamma-BHC (Lindane)	58-89-9	8081B	ND	H	0.027	0.0054	ug/L	2
alpha-Chlordane	5103-71-9	8081B	ND	H	0.027	0.0033	ug/L	2
gamma-Chlordane	5103-74-2	8081B	ND	H	0.027	0.0033	ug/L	2
4,4'-DDD	72-54-8	8081B	ND	H	0.027	0.0065	ug/L	2
4,4'-DDE	72-55-9	8081B	ND	H	0.027	0.0065	ug/L	2
4,4'-DDT	50-29-3	8081B	0.18	PH	0.027	0.0033	ug/L	2
Dieldrin	60-57-1	8081B	ND	H	0.027	0.0043	ug/L	2
Endosulfan I	959-98-8	8081B	ND	H	0.027	0.0065	ug/L	2
Endosulfan II	33213-65-9	8081B	ND	H	0.027	0.026	ug/L	2
Endosulfan sulfate	1031-07-8	8081B	ND	H	0.027	0.0033	ug/L	2
Endrin	72-20-8	8081B	ND	H	0.027	0.0054	ug/L	2
Endrin aldehyde	7421-93-4	8081B	ND	H	0.027	0.0033	ug/L	2
Endrin ketone	53494-70-5	8081B	ND	H	0.027	0.0043	ug/L	2
Heptachlor	76-44-8	8081B	ND	H	0.027	0.022	ug/L	2
Heptachlor epoxide	1024-57-3	8081B	ND	H	0.027	0.0033	ug/L	2
Methoxychlor	72-43-5	8081B	ND	H	0.11	0.015	ug/L	2
Toxaphene	8001-35-2	8081B	ND	H	0.27	0.033	ug/L	2

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		54	49-124	H	64	49-124
Tetrachloro-m-xylene		73	58-122	H	80	58-122

PQL = Practical quantitation limit
B = Detected in the method blank
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Description: HMW-14R (121609)
Date Sampled: 12/16/2009 0935
Date Received: 01/18/2010

Laboratory ID: KL17024-011
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/18/2009 0055	BNW	12/17/2009 2030	25663

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-011
Description: HMW-14R (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0935
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/30/2009 0251	CDF	12/22/2009 1500	25666
2	3005A	6010C	1	12/31/2009 0059	KJC	12/22/2009 1500	25666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.048		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	0.0022	J	0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	2
Silver	7440-22-4	6010C	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-012
Description: TB-02(121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0930
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/18/2009 1447	DLB		25653

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-012
Description: TB-02(121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 0930
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/18/2009 1447	DLB		25653

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	70-130
Bromofluorobenzene		115	70-130
Toluene-d8		116	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-013
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0616	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-013
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0616	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-013
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/07/2010 2325	GLR	12/23/2009 1630	25668

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.1	0.10	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.1	0.18	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.1	0.36	ug/L	1
Anthracene	120-12-7	8270D	ND		1.1	0.15	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.1	0.22	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.6	1.1	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.1	0.17	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.1	0.18	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.1	0.22	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.1	0.26	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.1	0.13	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.1	0.22	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.1	0.13	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.6	1.9	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.6	1.4	ug/L	1
Carbazole	86-74-8	8270D	ND		1.1	0.28	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.1	0.25	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.1	0.15	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.1	0.15	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.1	0.15	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.1	0.090	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.1	0.13	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.1	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.1	0.12	ug/L	1
Chrysene	218-01-9	8270D	ND		1.1	0.13	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.1	0.15	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.1	0.18	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.6	0.91	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.1	0.17	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.6	1.9	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.6	1.9	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.1	0.35	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.6	1.9	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.6	1.7	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.6	0.28	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.2	0.51	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.2	0.45	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.6	1.9	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.6	1.9	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.1	0.24	ug/L	1
Fluorene	86-73-7	8270D	ND		1.1	0.11	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.1	0.24	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.1	0.10	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.6	0.26	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-013
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/07/2010 2325	GLR	12/23/2009 1630	25668

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.1	0.12	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.1	0.26	ug/L	1
Isophorone	78-59-1	8270D	ND		1.1	0.090	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.1	0.090	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.1	0.19	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.2	0.64	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.1	0.079	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.2	0.62	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.2	0.87	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.2	0.44	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.1	0.11	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.2	0.30	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.6	0.72	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.1	0.090	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.1	0.43	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.6	0.61	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.1	0.20	ug/L	1
Phenol	108-95-2	8270D	ND		1.1	0.12	ug/L	1
Pyrene	129-00-0	8270D	ND		1.1	0.18	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.1	0.20	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.1	0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		42	37-129
2-Fluorophenol	N	22	24-127
Nitrobenzene-d5		39	38-127
Phenol-d5	N	13	28-128
Terphenyl-d14		44	10-148
2,4,6-Tribromophenol	N	37	41-144

PQL = Practical quantitation limit
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-013
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	12/31/2009 1805	NCM	12/23/2009 1130	25659

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.028	0.0022	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.028	0.0033	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.028	0.021	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.028	0.0089	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.028	0.0056	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.028	0.0033	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.028	0.0033	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.028	0.0067	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.028	0.0033	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.028	0.0044	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.028	0.0067	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.028	0.027	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.028	0.0033	ug/L	1
Endrin	72-20-8	8081B	ND		0.028	0.0056	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.028	0.0033	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.028	0.0044	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.028	0.022	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.028	0.0033	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.11	0.016	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.28	0.033	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	49-124
Tetrachloro-m-xylene		84	58-122

PQL = Practical quantitation limit
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-013
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/17/2009 2347	BNW	12/17/2009 2030	25661

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

RCRA Metals

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-013
Description: HAA01-MW-18 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1348
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	12/19/2009 2000	CDF	12/18/2009 1630	25667
2	3005A	6010C	1	12/21/2009 1742	KJC	12/18/2009 1630	25667

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	ND		0.010	0.0040	mg/L	1
Barium	7440-39-3	6010C	0.011	J	0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	0.0019	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0026	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	0.00040	mg/L	2

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-014
Description: HMW-9 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1710
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0638	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-014
Description: HMW-9 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1710
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0638	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-015
Description: HMW-11 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1408
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0700	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-015
Description: HMW-11 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1408
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0700	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-016
Description: HMW-8 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1225
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0721	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-016
Description: HMW-8 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1225
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0721	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-017
Description: HMW-2 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1105
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0744	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-017
Description: HMW-2 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009 1105
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0744	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-018
Description: TB-03 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0805	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL17024-018
Description: TB-03 (121609)
Matrix: Aqueous
Date Sampled: 12/16/2009
Date Received: 01/18/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 0805	RRH		25655

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ24457-001
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	12/29/2009 0236
Benzene	ND		1	0.50	0.027	ug/L	12/29/2009 0236
Bromodichloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Bromoform	ND		1	0.50	0.010	ug/L	12/29/2009 0236
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	12/29/2009 0236
2-Butanone (MEK)	ND		1	10	2.0	ug/L	12/29/2009 0236
Carbon disulfide	ND		1	0.50	0.097	ug/L	12/29/2009 0236
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	12/29/2009 0236
Chlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Chloroethane	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Chloroform	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Cyclohexane	0.38	J	1	0.50	0.30	ug/L	12/29/2009 0236
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	12/29/2009 0236
Dibromochloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	12/29/2009 0236
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	12/29/2009 0236
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	12/29/2009 0236
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	12/29/2009 0236
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	12/29/2009 0236
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	12/29/2009 0236
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	12/29/2009 0236
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	12/29/2009 0236
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	12/29/2009 0236
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	12/29/2009 0236
Ethylbenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
2-Hexanone	ND		1	10	0.27	ug/L	12/29/2009 0236
Isopropylbenzene	ND		1	0.50	0.029	ug/L	12/29/2009 0236
Methyl acetate	ND		1	1.0	0.30	ug/L	12/29/2009 0236
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	12/29/2009 0236
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	12/29/2009 0236
Methylcyclohexane	ND		1	5.0	0.95	ug/L	12/29/2009 0236
Methylene chloride	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Styrene	ND		1	0.50	0.015	ug/L	12/29/2009 0236
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	12/29/2009 0236
Tetrachloroethene	ND		1	0.50	0.014	ug/L	12/29/2009 0236
Toluene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	12/29/2009 0236
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	12/29/2009 0236
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	12/29/2009 0236

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ24457-001
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	12/29/2009 0236
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	12/29/2009 0236
Vinyl chloride	ND		1	0.50	0.065	ug/L	12/29/2009 0236
Xylenes (total)	ND		1	0.50	0.17	ug/L	12/29/2009 0236

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		96	70-130
1,2-Dichloroethane-d4		104	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24457-002
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	104	46-153	12/29/2009 0023
Benzene	50	51		1	102	70-130	12/29/2009 0023
Bromodichloromethane	50	54		1	108	70-130	12/29/2009 0023
Bromoform	50	51		1	102	70-130	12/29/2009 0023
Bromomethane (Methyl bromide)	50	54		1	108	60-140	12/29/2009 0023
2-Butanone (MEK)	100	110		1	105	60-140	12/29/2009 0023
Carbon disulfide	50	54		1	109	60-140	12/29/2009 0023
Carbon tetrachloride	50	53		1	105	70-130	12/29/2009 0023
Chlorobenzene	50	53		1	105	70-130	12/29/2009 0023
Chloroethane	50	54		1	108	42-163	12/29/2009 0023
Chloroform	50	52		1	103	70-130	12/29/2009 0023
Chloromethane (Methyl chloride)	50	50		1	99	20-158	12/29/2009 0023
Cyclohexane	50	59		1	119	70-130	12/29/2009 0023
1,2-Dibromo-3-chloropropane (DBCP)	50	60		1	121	70-130	12/29/2009 0023
Dibromochloromethane	50	58		1	117	70-130	12/29/2009 0023
1,2-Dibromoethane (EDB)	50	54		1	109	70-130	12/29/2009 0023
1,4-Dichlorobenzene	50	55		1	111	70-130	12/29/2009 0023
1,2-Dichlorobenzene	50	53		1	106	70-130	12/29/2009 0023
1,3-Dichlorobenzene	50	55		1	111	70-130	12/29/2009 0023
Dichlorodifluoromethane	50	52		1	104	60-140	12/29/2009 0023
1,2-Dichloroethane	50	51		1	101	70-130	12/29/2009 0023
1,1-Dichloroethane	50	50		1	101	70-130	12/29/2009 0023
cis-1,2-Dichloroethene	50	52		1	104	70-130	12/29/2009 0023
1,1-Dichloroethene	50	52		1	104	70-130	12/29/2009 0023
trans-1,2-Dichloroethene	50	52		1	104	70-130	12/29/2009 0023
1,2-Dichloropropane	50	51		1	102	70-130	12/29/2009 0023
cis-1,3-Dichloropropene	50	50		1	100	70-130	12/29/2009 0023
trans-1,3-Dichloropropene	50	51		1	102	70-130	12/29/2009 0023
Ethylbenzene	50	57		1	113	70-130	12/29/2009 0023
2-Hexanone	100	110		1	106	60-140	12/29/2009 0023
Isopropylbenzene	50	60		1	120	70-130	12/29/2009 0023
Methyl acetate	50	46		1	93	15-128	12/29/2009 0023
Methyl tertiary butyl ether (MTBE)	50	54		1	107	70-130	12/29/2009 0023
4-Methyl-2-pentanone	100	110		1	110	60-140	12/29/2009 0023
Methylcyclohexane	50	60		1	120	70-130	12/29/2009 0023
Methylene chloride	50	49		1	99	70-130	12/29/2009 0023
Styrene	50	60		1	119	70-130	12/29/2009 0023
1,1,2,2-Tetrachloroethane	50	54		1	108	70-130	12/29/2009 0023
Tetrachloroethene	50	54		1	107	70-130	12/29/2009 0023
Toluene	50	54		1	108	70-130	12/29/2009 0023
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	59		1	117	70-130	12/29/2009 0023
1,2,4-Trichlorobenzene	50	61		1	123	70-130	12/29/2009 0023
1,1,2-Trichloroethane	50	53		1	106	70-130	12/29/2009 0023
1,1,1-Trichloroethane	50	54		1	108	70-130	12/29/2009 0023

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24457-002
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	53		1	106	70-130	12/29/2009 0023
Trichlorofluoromethane	50	50		1	101	60-140	12/29/2009 0023
Vinyl chloride	50	53		1	106	60-140	12/29/2009 0023
Xylenes (total)	100	110		1	115	70-130	12/29/2009 0023

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	70-130
1,2-Dichloroethane-d4		98	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ24457-003
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	78	+	1	78	28	46-153	20	12/29/2009 0045
Benzene	50	49		1	99	2.8	70-130	20	12/29/2009 0045
Bromodichloromethane	50	52		1	104	3.7	70-130	20	12/29/2009 0045
Bromoform	50	49		1	98	4.3	70-130	20	12/29/2009 0045
Bromomethane (Methyl bromide)	50	51		1	102	6.2	60-140	20	12/29/2009 0045
2-Butanone (MEK)	100	100		1	101	3.8	60-140	20	12/29/2009 0045
Carbon disulfide	50	51		1	102	6.5	60-140	20	12/29/2009 0045
Carbon tetrachloride	50	51		1	101	4.1	70-130	20	12/29/2009 0045
Chlorobenzene	50	53		1	106	0.56	70-130	20	12/29/2009 0045
Chloroethane	50	51		1	102	6.1	42-163	20	12/29/2009 0045
Chloroform	50	49		1	98	5.2	70-130	20	12/29/2009 0045
Chloromethane (Methyl chloride)	50	49		1	98	1.7	20-158	20	12/29/2009 0045
Cyclohexane	50	57		1	114	3.6	70-130	20	12/29/2009 0045
1,2-Dibromo-3-chloropropane (DBCP)	50	51		1	102	17	70-130	20	12/29/2009 0045
Dibromochloromethane	50	57		1	114	2.0	70-130	20	12/29/2009 0045
1,2-Dibromoethane (EDB)	50	55		1	111	1.9	70-130	20	12/29/2009 0045
1,4-Dichlorobenzene	50	55		1	110	0.64	70-130	20	12/29/2009 0045
1,2-Dichlorobenzene	50	53		1	105	1.1	70-130	20	12/29/2009 0045
1,3-Dichlorobenzene	50	55		1	110	0.64	70-130	20	12/29/2009 0045
Dichlorodifluoromethane	50	50		1	100	3.6	60-140	20	12/29/2009 0045
1,2-Dichloroethane	50	48		1	96	5.2	70-130	20	12/29/2009 0045
1,1-Dichloroethane	50	48		1	95	5.8	70-130	20	12/29/2009 0045
cis-1,2-Dichloroethene	50	48		1	96	7.3	70-130	20	12/29/2009 0045
1,1-Dichloroethene	50	48		1	96	7.4	70-130	20	12/29/2009 0045
trans-1,2-Dichloroethene	50	49		1	99	4.6	70-130	20	12/29/2009 0045
1,2-Dichloropropane	50	51		1	102	0.23	70-130	20	12/29/2009 0045
cis-1,3-Dichloropropene	50	52		1	104	3.3	70-130	20	12/29/2009 0045
trans-1,3-Dichloropropene	50	52		1	104	2.4	70-130	20	12/29/2009 0045
Ethylbenzene	50	57		1	113	0.039	70-130	20	12/29/2009 0045
2-Hexanone	100	110		1	114	7.1	60-140	20	12/29/2009 0045
Isopropylbenzene	50	60		1	119	0.044	70-130	20	12/29/2009 0045
Methyl acetate	50	42		1	85	9.1	15-128	20	12/29/2009 0045
Methyl tertiary butyl ether (MTBE)	50	49		1	97	9.5	70-130	20	12/29/2009 0045
4-Methyl-2-pentanone	100	110		1	107	2.2	60-140	20	12/29/2009 0045
Methylcyclohexane	50	59		1	118	1.7	70-130	20	12/29/2009 0045
Methylene chloride	50	46		1	93	6.4	70-130	20	12/29/2009 0045
Styrene	50	59		1	118	0.64	70-130	20	12/29/2009 0045
1,1,2,2-Tetrachloroethane	50	52		1	104	3.9	70-130	20	12/29/2009 0045
Tetrachloroethene	50	53		1	106	0.60	70-130	20	12/29/2009 0045
Toluene	50	55		1	110	1.6	70-130	20	12/29/2009 0045
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	56		1	112	4.0	70-130	20	12/29/2009 0045
1,2,4-Trichlorobenzene	50	54		1	108	12	70-130	20	12/29/2009 0045
1,1,2-Trichloroethane	50	53		1	107	0.16	70-130	20	12/29/2009 0045
1,1,1-Trichloroethane	50	52		1	103	4.2	70-130	20	12/29/2009 0045

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ24457-003
Batch: 24457
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	51		1	102	3.2	70-130	20	12/29/2009 0045
Trichlorofluoromethane	50	48		1	96	5.5	60-140	20	12/29/2009 0045
Vinyl chloride	50	50		1	100	6.1	60-140	20	12/29/2009 0045
Xylenes (total)	100	110		1	112	2.1	70-130	20	12/29/2009 0045

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	70-130
1,2-Dichloroethane-d4		93	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ24460-001
Batch: 24460
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	12/29/2009 2253
Benzene	ND		1	0.50	0.027	ug/L	12/29/2009 2253
Bromodichloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 2253
Bromoform	ND		1	0.50	0.010	ug/L	12/29/2009 2253
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	12/29/2009 2253
2-Butanone (MEK)	ND		1	10	2.0	ug/L	12/29/2009 2253
Carbon disulfide	ND		1	0.50	0.097	ug/L	12/29/2009 2253
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	12/29/2009 2253
Chlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 2253
Chloroethane	ND		1	0.50	0.17	ug/L	12/29/2009 2253
Chloroform	ND		1	0.50	0.17	ug/L	12/29/2009 2253
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	12/29/2009 2253
Cyclohexane	ND		1	0.50	0.30	ug/L	12/29/2009 2253
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	12/29/2009 2253
Dibromochloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 2253
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	12/29/2009 2253
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 2253
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 2253
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 2253
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	12/29/2009 2253
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	12/29/2009 2253
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	12/29/2009 2253
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	12/29/2009 2253
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	12/29/2009 2253
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	12/29/2009 2253
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	12/29/2009 2253
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	12/29/2009 2253
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	12/29/2009 2253
Ethylbenzene	ND		1	0.50	0.17	ug/L	12/29/2009 2253
2-Hexanone	ND		1	10	0.27	ug/L	12/29/2009 2253
Isopropylbenzene	ND		1	0.50	0.029	ug/L	12/29/2009 2253
Methyl acetate	ND		1	1.0	0.30	ug/L	12/29/2009 2253
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	12/29/2009 2253
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	12/29/2009 2253
Methylcyclohexane	ND		1	5.0	0.95	ug/L	12/29/2009 2253
Methylene chloride	ND		1	0.50	0.17	ug/L	12/29/2009 2253
Styrene	ND		1	0.50	0.015	ug/L	12/29/2009 2253
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	12/29/2009 2253
Tetrachloroethene	ND		1	0.50	0.014	ug/L	12/29/2009 2253
Toluene	ND		1	0.50	0.17	ug/L	12/29/2009 2253
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	12/29/2009 2253
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 2253
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	12/29/2009 2253
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	12/29/2009 2253

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ24460-001
Batch: 24460
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	12/29/2009 2253
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	12/29/2009 2253
Vinyl chloride	ND		1	0.50	0.065	ug/L	12/29/2009 2253
Xylenes (total)	ND		1	0.50	0.17	ug/L	12/29/2009 2253

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		95	70-130
1,2-Dichloroethane-d4		98	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24460-002
Batch: 24460
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	117	46-153	12/29/2009 2125
Benzene	50	50		1	99	70-130	12/29/2009 2125
Bromodichloromethane	50	52		1	105	70-130	12/29/2009 2125
Bromoform	50	40		1	80	70-130	12/29/2009 2125
Bromomethane (Methyl bromide)	50	55		1	109	60-140	12/29/2009 2125
2-Butanone (MEK)	100	110		1	109	60-140	12/29/2009 2125
Carbon disulfide	50	51		1	102	60-140	12/29/2009 2125
Carbon tetrachloride	50	50		1	100	70-130	12/29/2009 2125
Chlorobenzene	50	53		1	105	70-130	12/29/2009 2125
Chloroethane	50	54		1	108	42-163	12/29/2009 2125
Chloroform	50	50		1	101	70-130	12/29/2009 2125
Chloromethane (Methyl chloride)	50	49		1	98	20-158	12/29/2009 2125
Cyclohexane	50	56		1	112	70-130	12/29/2009 2125
1,2-Dibromo-3-chloropropane (DBCP)	50	55		1	110	70-130	12/29/2009 2125
Dibromochloromethane	50	54		1	108	70-130	12/29/2009 2125
1,2-Dibromoethane (EDB)	50	53		1	106	70-130	12/29/2009 2125
1,4-Dichlorobenzene	50	54		1	108	70-130	12/29/2009 2125
1,2-Dichlorobenzene	50	52		1	104	70-130	12/29/2009 2125
1,3-Dichlorobenzene	50	54		1	108	70-130	12/29/2009 2125
Dichlorodifluoromethane	50	48		1	96	60-140	12/29/2009 2125
1,2-Dichloroethane	50	50		1	101	70-130	12/29/2009 2125
1,1-Dichloroethane	50	50		1	100	70-130	12/29/2009 2125
cis-1,2-Dichloroethene	50	50		1	101	70-130	12/29/2009 2125
1,1-Dichloroethene	50	49		1	99	70-130	12/29/2009 2125
trans-1,2-Dichloroethene	50	51		1	102	70-130	12/29/2009 2125
1,2-Dichloropropane	50	51		1	103	70-130	12/29/2009 2125
cis-1,3-Dichloropropene	50	49		1	98	70-130	12/29/2009 2125
trans-1,3-Dichloropropene	50	48		1	96	70-130	12/29/2009 2125
Ethylbenzene	50	55		1	110	70-130	12/29/2009 2125
2-Hexanone	100	100		1	102	60-140	12/29/2009 2125
Isopropylbenzene	50	59		1	118	70-130	12/29/2009 2125
Methyl acetate	50	47		1	94	15-128	12/29/2009 2125
Methyl tertiary butyl ether (MTBE)	50	53		1	106	70-130	12/29/2009 2125
4-Methyl-2-pentanone	100	100		1	103	60-140	12/29/2009 2125
Methylcyclohexane	50	55		1	111	70-130	12/29/2009 2125
Methylene chloride	50	49		1	98	70-130	12/29/2009 2125
Styrene	50	58		1	117	70-130	12/29/2009 2125
1,1,2,2-Tetrachloroethane	50	53		1	106	70-130	12/29/2009 2125
Tetrachloroethene	50	53		1	105	70-130	12/29/2009 2125
Toluene	50	54		1	108	70-130	12/29/2009 2125
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	55		1	109	70-130	12/29/2009 2125
1,2,4-Trichlorobenzene	50	60		1	121	70-130	12/29/2009 2125
1,1,2-Trichloroethane	50	53		1	105	70-130	12/29/2009 2125
1,1,1-Trichloroethane	50	53		1	107	70-130	12/29/2009 2125

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24460-002
Batch: 24460
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	51		1	103	70-130	12/29/2009 2125
Trichlorofluoromethane	50	45		1	90	60-140	12/29/2009 2125
Vinyl chloride	50	50		1	100	60-140	12/29/2009 2125
Xylenes (total)	100	110		1	112	70-130	12/29/2009 2125

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		95	70-130
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ24460-003
Batch: 24460
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	100		1	103	13	46-153	20	12/29/2009 2147
Benzene	50	45		1	90	9.6	70-130	20	12/29/2009 2147
Bromodichloromethane	50	48		1	96	8.7	70-130	20	12/29/2009 2147
Bromoform	50	36		1	72	10	70-130	20	12/29/2009 2147
Bromomethane (Methyl bromide)	50	49		1	98	10	60-140	20	12/29/2009 2147
2-Butanone (MEK)	100	99		1	99	9.3	60-140	20	12/29/2009 2147
Carbon disulfide	50	45		1	91	12	60-140	20	12/29/2009 2147
Carbon tetrachloride	50	44		1	89	12	70-130	20	12/29/2009 2147
Chlorobenzene	50	49		1	98	6.6	70-130	20	12/29/2009 2147
Chloroethane	50	49		1	97	11	42-163	20	12/29/2009 2147
Chloroform	50	45		1	91	10	70-130	20	12/29/2009 2147
Chloromethane (Methyl chloride)	50	44		1	88	11	20-158	20	12/29/2009 2147
Cyclohexane	50	50		1	100	11	70-130	20	12/29/2009 2147
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	94	15	70-130	20	12/29/2009 2147
Dibromochloromethane	50	49		1	97	10	70-130	20	12/29/2009 2147
1,2-Dibromoethane (EDB)	50	50		1	99	6.5	70-130	20	12/29/2009 2147
1,4-Dichlorobenzene	50	51		1	102	5.2	70-130	20	12/29/2009 2147
1,2-Dichlorobenzene	50	50		1	100	3.9	70-130	20	12/29/2009 2147
1,3-Dichlorobenzene	50	51		1	102	5.2	70-130	20	12/29/2009 2147
Dichlorodifluoromethane	50	43		1	86	10	60-140	20	12/29/2009 2147
1,2-Dichloroethane	50	47		1	94	7.2	70-130	20	12/29/2009 2147
1,1-Dichloroethane	50	44		1	88	13	70-130	20	12/29/2009 2147
cis-1,2-Dichloroethene	50	45		1	90	11	70-130	20	12/29/2009 2147
1,1-Dichloroethene	50	44		1	87	12	70-130	20	12/29/2009 2147
trans-1,2-Dichloroethene	50	45		1	91	12	70-130	20	12/29/2009 2147
1,2-Dichloropropane	50	48		1	96	7.3	70-130	20	12/29/2009 2147
cis-1,3-Dichloropropene	50	46		1	91	6.8	70-130	20	12/29/2009 2147
trans-1,3-Dichloropropene	50	45		1	90	6.6	70-130	20	12/29/2009 2147
Ethylbenzene	50	52		1	105	4.9	70-130	20	12/29/2009 2147
2-Hexanone	100	98		1	98	3.6	60-140	20	12/29/2009 2147
Isopropylbenzene	50	56		1	113	4.8	70-130	20	12/29/2009 2147
Methyl acetate	50	41		1	83	13	15-128	20	12/29/2009 2147
Methyl tertiary butyl ether (MTBE)	50	47		1	94	13	70-130	20	12/29/2009 2147
4-Methyl-2-pentanone	100	96		1	96	7.4	60-140	20	12/29/2009 2147
Methylcyclohexane	50	51		1	101	8.9	70-130	20	12/29/2009 2147
Methylene chloride	50	44		1	88	11	70-130	20	12/29/2009 2147
Styrene	50	55		1	111	5.4	70-130	20	12/29/2009 2147
1,1,2,2-Tetrachloroethane	50	50		1	99	6.3	70-130	20	12/29/2009 2147
Tetrachloroethene	50	49		1	98	7.2	70-130	20	12/29/2009 2147
Toluene	50	51		1	102	5.9	70-130	20	12/29/2009 2147
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	51		1	102	7.2	70-130	20	12/29/2009 2147
1,2,4-Trichlorobenzene	50	54		1	107	11	70-130	20	12/29/2009 2147
1,1,2-Trichloroethane	50	50		1	100	4.7	70-130	20	12/29/2009 2147
1,1,1-Trichloroethane	50	48		1	96	10	70-130	20	12/29/2009 2147

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ24460-003
Batch: 24460
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	47		1	94	8.2	70-130	20	12/29/2009 2147
Trichlorofluoromethane	50	42		1	85	6.6	60-140	20	12/29/2009 2147
Vinyl chloride	50	45		1	90	11	60-140	20	12/29/2009 2147
Xylenes (total)	100	110		1	105	6.5	70-130	20	12/29/2009 2147

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		94	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: KQ24539-001
Batch: 24539
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	12/30/2009 2122

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		101	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: KQ24539-002
Batch: 24539
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
cis-1,2-Dichloroethene	50	48		1	96	70-130	12/30/2009 1958

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		103	70-130
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: KQ24539-003
Batch: 24539
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
cis-1,2-Dichloroethene	50	48		1	96	0.25	70-130	20	12/30/2009 2019

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		101	70-130
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25653-001
Batch: 25653
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	12/18/2009 1102
Benzene	ND		1	0.50	0.027	ug/L	12/18/2009 1102
Bromodichloromethane	ND		1	0.50	0.17	ug/L	12/18/2009 1102
Bromoform	ND		1	0.50	0.010	ug/L	12/18/2009 1102
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	12/18/2009 1102
2-Butanone (MEK)	ND		1	10	2.0	ug/L	12/18/2009 1102
Carbon disulfide	ND		1	0.50	0.097	ug/L	12/18/2009 1102
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	12/18/2009 1102
Chlorobenzene	ND		1	0.50	0.17	ug/L	12/18/2009 1102
Chloroethane	ND		1	0.50	0.17	ug/L	12/18/2009 1102
Chloroform	ND		1	0.50	0.17	ug/L	12/18/2009 1102
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	12/18/2009 1102
Cyclohexane	ND		1	0.50	0.30	ug/L	12/18/2009 1102
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	12/18/2009 1102
Dibromochloromethane	ND		1	0.50	0.17	ug/L	12/18/2009 1102
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	12/18/2009 1102
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/18/2009 1102
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/18/2009 1102
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/18/2009 1102
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	12/18/2009 1102
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	12/18/2009 1102
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	12/18/2009 1102
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	12/18/2009 1102
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	12/18/2009 1102
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	12/18/2009 1102
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	12/18/2009 1102
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	12/18/2009 1102
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	12/18/2009 1102
Ethylbenzene	ND		1	0.50	0.17	ug/L	12/18/2009 1102
2-Hexanone	ND		1	10	0.27	ug/L	12/18/2009 1102
Isopropylbenzene	ND		1	0.50	0.029	ug/L	12/18/2009 1102
Methyl acetate	ND		1	1.0	0.30	ug/L	12/18/2009 1102
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	12/18/2009 1102
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	12/18/2009 1102
Methylcyclohexane	ND		1	5.0	0.95	ug/L	12/18/2009 1102
Methylene chloride	ND		1	0.50	0.17	ug/L	12/18/2009 1102
Styrene	ND		1	0.50	0.015	ug/L	12/18/2009 1102
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	12/18/2009 1102
Tetrachloroethene	ND		1	0.50	0.014	ug/L	12/18/2009 1102
Toluene	ND		1	0.50	0.17	ug/L	12/18/2009 1102
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	12/18/2009 1102
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	12/18/2009 1102
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	12/18/2009 1102
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	12/18/2009 1102

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25653-001
Batch: 25653
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	12/18/2009 1102
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	12/18/2009 1102
Vinyl chloride	ND		1	0.50	0.065	ug/L	12/18/2009 1102
Xylenes (total)	ND		1	0.50	0.17	ug/L	12/18/2009 1102

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		114	70-130
1,2-Dichloroethane-d4		114	70-130
Toluene-d8		115	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25653-002
Batch: 25653
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	110	46-153	12/18/2009 0933
Benzene	50	50		1	101	70-130	12/18/2009 0933
Bromodichloromethane	50	53		1	107	70-130	12/18/2009 0933
Bromoform	50	55		1	111	70-130	12/18/2009 0933
Bromomethane (Methyl bromide)	50	49		1	99	60-140	12/18/2009 0933
2-Butanone (MEK)	100	100		1	100	60-140	12/18/2009 0933
Carbon disulfide	50	52		1	104	60-140	12/18/2009 0933
Carbon tetrachloride	50	58		1	116	70-130	12/18/2009 0933
Chlorobenzene	50	52		1	103	70-130	12/18/2009 0933
Chloroethane	50	56		1	111	42-163	12/18/2009 0933
Chloroform	50	50		1	100	70-130	12/18/2009 0933
Chloromethane (Methyl chloride)	50	52		1	104	20-158	12/18/2009 0933
Cyclohexane	50	56		1	113	70-130	12/18/2009 0933
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	99	70-130	12/18/2009 0933
Dibromochloromethane	50	55		1	110	70-130	12/18/2009 0933
1,2-Dibromoethane (EDB)	50	52		1	104	70-130	12/18/2009 0933
1,4-Dichlorobenzene	50	61		1	122	70-130	12/18/2009 0933
1,2-Dichlorobenzene	50	63		1	126	70-130	12/18/2009 0933
1,3-Dichlorobenzene	50	60		1	121	70-130	12/18/2009 0933
Dichlorodifluoromethane	50	60		1	121	60-140	12/18/2009 0933
1,2-Dichloroethane	50	50		1	101	70-130	12/18/2009 0933
1,1-Dichloroethane	50	50		1	101	70-130	12/18/2009 0933
cis-1,2-Dichloroethene	50	51		1	102	70-130	12/18/2009 0933
1,1-Dichloroethene	50	54		1	109	70-130	12/18/2009 0933
trans-1,2-Dichloroethene	50	52		1	104	70-130	12/18/2009 0933
1,2-Dichloropropane	50	52		1	104	70-130	12/18/2009 0933
cis-1,3-Dichloropropene	50	55		1	109	70-130	12/18/2009 0933
trans-1,3-Dichloropropene	50	56		1	112	70-130	12/18/2009 0933
Ethylbenzene	50	53		1	106	70-130	12/18/2009 0933
2-Hexanone	100	99		1	99	60-140	12/18/2009 0933
Isopropylbenzene	50	54		1	107	70-130	12/18/2009 0933
Methyl acetate	50	47		1	94	15-128	12/18/2009 0933
Methyl tertiary butyl ether (MTBE)	50	50		1	100	70-130	12/18/2009 0933
4-Methyl-2-pentanone	100	85		1	85	60-140	12/18/2009 0933
Methylcyclohexane	50	57		1	114	70-130	12/18/2009 0933
Methylene chloride	50	56		1	113	70-130	12/18/2009 0933
Styrene	50	55		1	109	70-130	12/18/2009 0933
1,1,2,2-Tetrachloroethane	50	52		1	104	70-130	12/18/2009 0933
Tetrachloroethene	50	56		1	111	70-130	12/18/2009 0933
Toluene	50	51		1	102	70-130	12/18/2009 0933
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	50		1	100	70-130	12/18/2009 0933
1,2,4-Trichlorobenzene	50	62		1	124	70-130	12/18/2009 0933
1,1,2-Trichloroethane	50	53		1	105	70-130	12/18/2009 0933
1,1,1-Trichloroethane	50	56		1	111	70-130	12/18/2009 0933

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25653-002
Batch: 25653
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	52		1	104	70-130	12/18/2009 0933
Trichlorofluoromethane	50	50		1	99	60-140	12/18/2009 0933
Vinyl chloride	50	58		1	116	60-140	12/18/2009 0933
Xylenes (total)	100	110		1	107	70-130	12/18/2009 0933

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		117	70-130
1,2-Dichloroethane-d4		110	70-130
Toluene-d8		117	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25653-003
Batch: 25653
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	111	1.1	46-153	20	12/18/2009 0954
Benzene	50	50		1	101	0.23	70-130	20	12/18/2009 0954
Bromodichloromethane	50	53		1	107	0.017	70-130	20	12/18/2009 0954
Bromoform	50	59		1	118	6.4	70-130	20	12/18/2009 0954
Bromomethane (Methyl bromide)	50	51		1	102	3.0	60-140	20	12/18/2009 0954
2-Butanone (MEK)	100	100		1	104	3.9	60-140	20	12/18/2009 0954
Carbon disulfide	50	51		1	102	2.0	60-140	20	12/18/2009 0954
Carbon tetrachloride	50	57		1	114	1.7	70-130	20	12/18/2009 0954
Chlorobenzene	50	52		1	103	0.14	70-130	20	12/18/2009 0954
Chloroethane	50	55		1	110	1.3	42-163	20	12/18/2009 0954
Chloroform	50	49		1	99	1.6	70-130	20	12/18/2009 0954
Chloromethane (Methyl chloride)	50	51		1	103	0.94	20-158	20	12/18/2009 0954
Cyclohexane	50	55		1	109	3.1	70-130	20	12/18/2009 0954
1,2-Dibromo-3-chloropropane (DBCP)	50	52		1	104	4.7	70-130	20	12/18/2009 0954
Dibromochloromethane	50	57		1	114	2.9	70-130	20	12/18/2009 0954
1,2-Dibromoethane (EDB)	50	53		1	107	2.5	70-130	20	12/18/2009 0954
1,4-Dichlorobenzene	50	60		1	119	2.3	70-130	20	12/18/2009 0954
1,2-Dichlorobenzene	50	61		1	123	2.3	70-130	20	12/18/2009 0954
1,3-Dichlorobenzene	50	60		1	120	0.99	70-130	20	12/18/2009 0954
Dichlorodifluoromethane	50	58		1	116	3.9	60-140	20	12/18/2009 0954
1,2-Dichloroethane	50	50		1	99	1.4	70-130	20	12/18/2009 0954
1,1-Dichloroethane	50	50		1	99	1.7	70-130	20	12/18/2009 0954
cis-1,2-Dichloroethene	50	50		1	99	2.3	70-130	20	12/18/2009 0954
1,1-Dichloroethene	50	56		1	112	2.6	70-130	20	12/18/2009 0954
trans-1,2-Dichloroethene	50	51		1	102	1.1	70-130	20	12/18/2009 0954
1,2-Dichloropropane	50	51		1	102	1.1	70-130	20	12/18/2009 0954
cis-1,3-Dichloropropene	50	55		1	111	1.4	70-130	20	12/18/2009 0954
trans-1,3-Dichloropropene	50	57		1	114	2.2	70-130	20	12/18/2009 0954
Ethylbenzene	50	52		1	104	1.1	70-130	20	12/18/2009 0954
2-Hexanone	100	100		1	105	5.8	60-140	20	12/18/2009 0954
Isopropylbenzene	50	52		1	104	2.6	70-130	20	12/18/2009 0954
Methyl acetate	50	48		1	95	1.3	15-128	20	12/18/2009 0954
Methyl tertiary butyl ether (MTBE)	50	50		1	100	0.25	70-130	20	12/18/2009 0954
4-Methyl-2-pentanone	100	89		1	89	4.3	60-140	20	12/18/2009 0954
Methylcyclohexane	50	56		1	113	1.2	70-130	20	12/18/2009 0954
Methylene chloride	50	56		1	111	1.3	70-130	20	12/18/2009 0954
Styrene	50	54		1	109	0.49	70-130	20	12/18/2009 0954
1,1,2,2-Tetrachloroethane	50	53		1	107	2.8	70-130	20	12/18/2009 0954
Tetrachloroethene	50	56		1	112	0.61	70-130	20	12/18/2009 0954
Toluene	50	51		1	101	0.55	70-130	20	12/18/2009 0954
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	49		1	98	2.7	70-130	20	12/18/2009 0954
1,2,4-Trichlorobenzene	50	61		1	123	0.81	70-130	20	12/18/2009 0954
1,1,2-Trichloroethane	50	53		1	106	1.0	70-130	20	12/18/2009 0954
1,1,1-Trichloroethane	50	54		1	109	2.3	70-130	20	12/18/2009 0954

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25653-003
Batch: 25653
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	53		1	106	1.3	70-130	20	12/18/2009 0954
Trichlorofluoromethane	50	71	N,+	1	143	36	60-140	20	12/18/2009 0954
Vinyl chloride	50	57		1	114	1.0	60-140	20	12/18/2009 0954
Xylenes (total)	100	100		1	105	2.1	70-130	20	12/18/2009 0954

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		116	70-130
1,2-Dichloroethane-d4		108	70-130
Toluene-d8		116	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25654-001
Batch: 25654
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	12/29/2009 1225
Benzene	ND		1	0.50	0.027	ug/L	12/29/2009 1225
Bromodichloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 1225
Bromoform	ND		1	0.50	0.010	ug/L	12/29/2009 1225
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	12/29/2009 1225
2-Butanone (MEK)	ND		1	10	2.0	ug/L	12/29/2009 1225
Carbon disulfide	ND		1	0.50	0.097	ug/L	12/29/2009 1225
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	12/29/2009 1225
Chlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 1225
Chloroethane	ND		1	0.50	0.17	ug/L	12/29/2009 1225
Chloroform	ND		1	0.50	0.17	ug/L	12/29/2009 1225
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	12/29/2009 1225
Cyclohexane	ND		1	0.50	0.30	ug/L	12/29/2009 1225
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	12/29/2009 1225
Dibromochloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 1225
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	12/29/2009 1225
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 1225
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 1225
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 1225
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	12/29/2009 1225
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	12/29/2009 1225
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	12/29/2009 1225
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	12/29/2009 1225
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	12/29/2009 1225
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	12/29/2009 1225
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	12/29/2009 1225
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	12/29/2009 1225
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	12/29/2009 1225
Ethylbenzene	ND		1	0.50	0.17	ug/L	12/29/2009 1225
2-Hexanone	ND		1	10	0.27	ug/L	12/29/2009 1225
Isopropylbenzene	ND		1	0.50	0.029	ug/L	12/29/2009 1225
Methyl acetate	ND		1	1.0	0.30	ug/L	12/29/2009 1225
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	12/29/2009 1225
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	12/29/2009 1225
Methylcyclohexane	ND		1	5.0	0.95	ug/L	12/29/2009 1225
Methylene chloride	ND		1	0.50	0.17	ug/L	12/29/2009 1225
Styrene	ND		1	0.50	0.015	ug/L	12/29/2009 1225
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	12/29/2009 1225
Tetrachloroethene	ND		1	0.50	0.014	ug/L	12/29/2009 1225
Toluene	ND		1	0.50	0.17	ug/L	12/29/2009 1225
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	12/29/2009 1225
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 1225
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	12/29/2009 1225
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	12/29/2009 1225

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25654-001
Batch: 25654
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	12/29/2009 1225
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	12/29/2009 1225
Vinyl chloride	ND		1	0.50	0.065	ug/L	12/29/2009 1225
Xylenes (total)	ND		1	0.50	0.17	ug/L	12/29/2009 1225

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		93	70-130
1,2-Dichloroethane-d4		99	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25654-002
Batch: 25654
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	118	46-153	12/29/2009 1057
Benzene	50	49		1	98	70-130	12/29/2009 1057
Bromodichloromethane	50	53		1	106	70-130	12/29/2009 1057
Bromoform	50	44		1	88	70-130	12/29/2009 1057
Bromomethane (Methyl bromide)	50	53		1	107	60-140	12/29/2009 1057
2-Butanone (MEK)	100	110		1	112	60-140	12/29/2009 1057
Carbon disulfide	50	55		1	109	60-140	12/29/2009 1057
Carbon tetrachloride	50	51		1	102	70-130	12/29/2009 1057
Chlorobenzene	50	52		1	104	70-130	12/29/2009 1057
Chloroethane	50	52		1	103	42-163	12/29/2009 1057
Chloroform	50	49		1	99	70-130	12/29/2009 1057
Chloromethane (Methyl chloride)	50	48		1	95	20-158	12/29/2009 1057
Cyclohexane	50	54		1	107	70-130	12/29/2009 1057
1,2-Dibromo-3-chloropropane (DBCP)	50	56		1	111	70-130	12/29/2009 1057
Dibromochloromethane	50	54		1	108	70-130	12/29/2009 1057
1,2-Dibromoethane (EDB)	50	54		1	107	70-130	12/29/2009 1057
1,4-Dichlorobenzene	50	51		1	102	70-130	12/29/2009 1057
1,2-Dichlorobenzene	50	54		1	107	70-130	12/29/2009 1057
1,3-Dichlorobenzene	50	54		1	107	70-130	12/29/2009 1057
Dichlorodifluoromethane	50	48		1	95	60-140	12/29/2009 1057
1,2-Dichloroethane	50	51		1	102	70-130	12/29/2009 1057
1,1-Dichloroethane	50	48		1	96	70-130	12/29/2009 1057
cis-1,2-Dichloroethene	50	49		1	99	70-130	12/29/2009 1057
1,1-Dichloroethene	50	48		1	97	70-130	12/29/2009 1057
trans-1,2-Dichloroethene	50	49		1	99	70-130	12/29/2009 1057
1,2-Dichloropropane	50	50		1	100	70-130	12/29/2009 1057
cis-1,3-Dichloropropene	50	55		1	109	70-130	12/29/2009 1057
trans-1,3-Dichloropropene	50	47		1	95	70-130	12/29/2009 1057
Ethylbenzene	50	55		1	109	70-130	12/29/2009 1057
2-Hexanone	100	99		1	99	60-140	12/29/2009 1057
Isopropylbenzene	50	58		1	115	70-130	12/29/2009 1057
Methyl acetate	50	48		1	96	15-128	12/29/2009 1057
Methyl tertiary butyl ether (MTBE)	50	51		1	102	70-130	12/29/2009 1057
4-Methyl-2-pentanone	100	100		1	104	60-140	12/29/2009 1057
Methylcyclohexane	50	57		1	113	70-130	12/29/2009 1057
Methylene chloride	50	47		1	94	70-130	12/29/2009 1057
Styrene	50	58		1	115	70-130	12/29/2009 1057
1,1,2,2-Tetrachloroethane	50	54		1	108	70-130	12/29/2009 1057
Tetrachloroethene	50	52		1	104	70-130	12/29/2009 1057
Toluene	50	53		1	106	70-130	12/29/2009 1057
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	55		1	110	70-130	12/29/2009 1057
1,2,4-Trichlorobenzene	50	58		1	116	70-130	12/29/2009 1057
1,1,2-Trichloroethane	50	53		1	106	70-130	12/29/2009 1057
1,1,1-Trichloroethane	50	51		1	102	70-130	12/29/2009 1057

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25654-002
Batch: 25654
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	50		1	100	70-130	12/29/2009 1057
Trichlorofluoromethane	50	50		1	100	60-140	12/29/2009 1057
Vinyl chloride	50	49		1	98	60-140	12/29/2009 1057
Xylenes (total)	100	110		1	110	70-130	12/29/2009 1057

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		99	70-130
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25654-003
Batch: 25654
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	113	4.6	46-153	20	12/29/2009 1119
Benzene	50	49		1	99	1.5	70-130	20	12/29/2009 1119
Bromodichloromethane	50	53		1	105	1.0	70-130	20	12/29/2009 1119
Bromoform	50	42		1	83	5.9	70-130	20	12/29/2009 1119
Bromomethane (Methyl bromide)	50	50		1	99	7.3	60-140	20	12/29/2009 1119
2-Butanone (MEK)	100	100		1	105	6.4	60-140	20	12/29/2009 1119
Carbon disulfide	50	54		1	108	1.1	60-140	20	12/29/2009 1119
Carbon tetrachloride	50	50		1	100	1.9	70-130	20	12/29/2009 1119
Chlorobenzene	50	52		1	104	0.51	70-130	20	12/29/2009 1119
Chloroethane	50	51		1	102	1.1	42-163	20	12/29/2009 1119
Chloroform	50	49		1	97	1.3	70-130	20	12/29/2009 1119
Chloromethane (Methyl chloride)	50	46		1	92	3.4	20-158	20	12/29/2009 1119
Cyclohexane	50	53		1	106	1.1	70-130	20	12/29/2009 1119
1,2-Dibromo-3-chloropropane (DBCP)	50	54		1	108	2.5	70-130	20	12/29/2009 1119
Dibromochloromethane	50	54		1	108	0.23	70-130	20	12/29/2009 1119
1,2-Dibromoethane (EDB)	50	54		1	109	1.5	70-130	20	12/29/2009 1119
1,4-Dichlorobenzene	50	52		1	104	1.9	70-130	20	12/29/2009 1119
1,2-Dichlorobenzene	50	54		1	108	0.39	70-130	20	12/29/2009 1119
1,3-Dichlorobenzene	50	54		1	108	0.63	70-130	20	12/29/2009 1119
Dichlorodifluoromethane	50	47		1	94	1.9	60-140	20	12/29/2009 1119
1,2-Dichloroethane	50	49		1	99	2.7	70-130	20	12/29/2009 1119
1,1-Dichloroethane	50	49		1	97	1.2	70-130	20	12/29/2009 1119
cis-1,2-Dichloroethene	50	49		1	97	1.3	70-130	20	12/29/2009 1119
1,1-Dichloroethene	50	47		1	95	2.1	70-130	20	12/29/2009 1119
trans-1,2-Dichloroethene	50	49		1	98	1.3	70-130	20	12/29/2009 1119
1,2-Dichloropropane	50	50		1	100	0.044	70-130	20	12/29/2009 1119
cis-1,3-Dichloropropene	50	56		1	112	2.7	70-130	20	12/29/2009 1119
trans-1,3-Dichloropropene	50	48		1	96	0.98	70-130	20	12/29/2009 1119
Ethylbenzene	50	56		1	111	2.0	70-130	20	12/29/2009 1119
2-Hexanone	100	100		1	100	0.91	60-140	20	12/29/2009 1119
Isopropylbenzene	50	58		1	117	1.2	70-130	20	12/29/2009 1119
Methyl acetate	50	45		1	90	5.8	15-128	20	12/29/2009 1119
Methyl tertiary butyl ether (MTBE)	50	50		1	100	1.4	70-130	20	12/29/2009 1119
4-Methyl-2-pentanone	100	100		1	102	1.3	60-140	20	12/29/2009 1119
Methylcyclohexane	50	56		1	112	0.67	70-130	20	12/29/2009 1119
Methylene chloride	50	47		1	94	0.52	70-130	20	12/29/2009 1119
Styrene	50	58		1	117	1.5	70-130	20	12/29/2009 1119
1,1,2,2-Tetrachloroethane	50	53		1	107	1.2	70-130	20	12/29/2009 1119
Tetrachloroethene	50	54		1	107	2.6	70-130	20	12/29/2009 1119
Toluene	50	54		1	108	2.0	70-130	20	12/29/2009 1119
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	54		1	107	2.9	70-130	20	12/29/2009 1119
1,2,4-Trichlorobenzene	50	56		1	113	2.8	70-130	20	12/29/2009 1119
1,1,2-Trichloroethane	50	53		1	107	0.33	70-130	20	12/29/2009 1119
1,1,1-Trichloroethane	50	51		1	102	0.77	70-130	20	12/29/2009 1119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25654-003
Batch: 25654
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	51		1	102	1.7	70-130	20	12/29/2009 1119
Trichlorofluoromethane	50	50		1	100	0.080	60-140	20	12/29/2009 1119
Vinyl chloride	50	48		1	97	1.7	60-140	20	12/29/2009 1119
Xylenes (total)	100	110		1	112	1.6	70-130	20	12/29/2009 1119

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		95	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25655-001
Batch: 25655
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	12/29/2009 0236
Benzene	ND		1	0.50	0.027	ug/L	12/29/2009 0236
Bromodichloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Bromoform	ND		1	0.50	0.010	ug/L	12/29/2009 0236
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	12/29/2009 0236
2-Butanone (MEK)	ND		1	10	2.0	ug/L	12/29/2009 0236
Carbon disulfide	ND		1	0.50	0.097	ug/L	12/29/2009 0236
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	12/29/2009 0236
Chlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Chloroethane	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Chloroform	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Cyclohexane	0.38	J	1	0.50	0.30	ug/L	12/29/2009 0236
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	12/29/2009 0236
Dibromochloromethane	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	12/29/2009 0236
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	12/29/2009 0236
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	12/29/2009 0236
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	12/29/2009 0236
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	12/29/2009 0236
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	12/29/2009 0236
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	12/29/2009 0236
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	12/29/2009 0236
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	12/29/2009 0236
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	12/29/2009 0236
Ethylbenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
2-Hexanone	ND		1	10	0.27	ug/L	12/29/2009 0236
Isopropylbenzene	ND		1	0.50	0.029	ug/L	12/29/2009 0236
Methyl acetate	ND		1	1.0	0.30	ug/L	12/29/2009 0236
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	12/29/2009 0236
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	12/29/2009 0236
Methylcyclohexane	ND		1	5.0	0.95	ug/L	12/29/2009 0236
Methylene chloride	ND		1	0.50	0.17	ug/L	12/29/2009 0236
Styrene	ND		1	0.50	0.015	ug/L	12/29/2009 0236
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	12/29/2009 0236
Tetrachloroethene	ND		1	0.50	0.014	ug/L	12/29/2009 0236
Toluene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	12/29/2009 0236
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	12/29/2009 0236
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	12/29/2009 0236
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	12/29/2009 0236

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25655-001
Batch: 25655
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	12/29/2009 0236
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	12/29/2009 0236
Vinyl chloride	ND		1	0.50	0.065	ug/L	12/29/2009 0236
Xylenes (total)	ND		1	0.50	0.17	ug/L	12/29/2009 0236

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		96	70-130
1,2-Dichloroethane-d4		104	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25655-002
Batch: 25655
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	104	46-153	12/29/2009 0023
Benzene	50	51		1	102	70-130	12/29/2009 0023
Bromodichloromethane	50	54		1	108	70-130	12/29/2009 0023
Bromoform	50	51		1	102	70-130	12/29/2009 0023
Bromomethane (Methyl bromide)	50	54		1	108	60-140	12/29/2009 0023
2-Butanone (MEK)	100	110		1	105	60-140	12/29/2009 0023
Carbon disulfide	50	54		1	109	60-140	12/29/2009 0023
Carbon tetrachloride	50	53		1	105	70-130	12/29/2009 0023
Chlorobenzene	50	53		1	105	70-130	12/29/2009 0023
Chloroethane	50	54		1	108	42-163	12/29/2009 0023
Chloroform	50	52		1	103	70-130	12/29/2009 0023
Chloromethane (Methyl chloride)	50	50		1	99	20-158	12/29/2009 0023
Cyclohexane	50	59		1	119	70-130	12/29/2009 0023
1,2-Dibromo-3-chloropropane (DBCP)	50	60		1	121	70-130	12/29/2009 0023
Dibromochloromethane	50	58		1	117	70-130	12/29/2009 0023
1,2-Dibromoethane (EDB)	50	54		1	109	70-130	12/29/2009 0023
1,4-Dichlorobenzene	50	55		1	111	70-130	12/29/2009 0023
1,2-Dichlorobenzene	50	53		1	106	70-130	12/29/2009 0023
1,3-Dichlorobenzene	50	55		1	111	70-130	12/29/2009 0023
Dichlorodifluoromethane	50	52		1	104	60-140	12/29/2009 0023
1,2-Dichloroethane	50	51		1	101	70-130	12/29/2009 0023
1,1-Dichloroethane	50	50		1	101	70-130	12/29/2009 0023
cis-1,2-Dichloroethene	50	52		1	104	70-130	12/29/2009 0023
1,1-Dichloroethene	50	52		1	104	70-130	12/29/2009 0023
trans-1,2-Dichloroethene	50	52		1	104	70-130	12/29/2009 0023
1,2-Dichloropropane	50	51		1	102	70-130	12/29/2009 0023
cis-1,3-Dichloropropene	50	50		1	100	70-130	12/29/2009 0023
trans-1,3-Dichloropropene	50	51		1	102	70-130	12/29/2009 0023
Ethylbenzene	50	57		1	113	70-130	12/29/2009 0023
2-Hexanone	100	110		1	106	60-140	12/29/2009 0023
Isopropylbenzene	50	60		1	120	70-130	12/29/2009 0023
Methyl acetate	50	46		1	93	15-128	12/29/2009 0023
Methyl tertiary butyl ether (MTBE)	50	54		1	107	70-130	12/29/2009 0023
4-Methyl-2-pentanone	100	110		1	110	60-140	12/29/2009 0023
Methylcyclohexane	50	60		1	120	70-130	12/29/2009 0023
Methylene chloride	50	49		1	99	70-130	12/29/2009 0023
Styrene	50	60		1	119	70-130	12/29/2009 0023
1,1,2,2-Tetrachloroethane	50	54		1	108	70-130	12/29/2009 0023
Tetrachloroethene	50	54		1	107	70-130	12/29/2009 0023
Toluene	50	54		1	108	70-130	12/29/2009 0023
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	59		1	117	70-130	12/29/2009 0023
1,2,4-Trichlorobenzene	50	61		1	123	70-130	12/29/2009 0023
1,1,2-Trichloroethane	50	53		1	106	70-130	12/29/2009 0023
1,1,1-Trichloroethane	50	54		1	108	70-130	12/29/2009 0023

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25655-002
Batch: 25655
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	53		1	106	70-130	12/29/2009 0023
Trichlorofluoromethane	50	50		1	101	60-140	12/29/2009 0023
Vinyl chloride	50	53		1	106	60-140	12/29/2009 0023
Xylenes (total)	100	110		1	115	70-130	12/29/2009 0023

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	70-130
1,2-Dichloroethane-d4		98	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25655-003
Batch: 25655
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	78	+	1	78	28	46-153	20	12/29/2009 0045
Benzene	50	49		1	99	2.8	70-130	20	12/29/2009 0045
Bromodichloromethane	50	52		1	104	3.7	70-130	20	12/29/2009 0045
Bromoform	50	49		1	98	4.3	70-130	20	12/29/2009 0045
Bromomethane (Methyl bromide)	50	51		1	102	6.2	60-140	20	12/29/2009 0045
2-Butanone (MEK)	100	100		1	101	3.8	60-140	20	12/29/2009 0045
Carbon disulfide	50	51		1	102	6.5	60-140	20	12/29/2009 0045
Carbon tetrachloride	50	51		1	101	4.1	70-130	20	12/29/2009 0045
Chlorobenzene	50	53		1	106	0.56	70-130	20	12/29/2009 0045
Chloroethane	50	51		1	102	6.1	42-163	20	12/29/2009 0045
Chloroform	50	49		1	98	5.2	70-130	20	12/29/2009 0045
Chloromethane (Methyl chloride)	50	49		1	98	1.7	20-158	20	12/29/2009 0045
Cyclohexane	50	57		1	114	3.6	70-130	20	12/29/2009 0045
1,2-Dibromo-3-chloropropane (DBCP)	50	51		1	102	17	70-130	20	12/29/2009 0045
Dibromochloromethane	50	57		1	114	2.0	70-130	20	12/29/2009 0045
1,2-Dibromoethane (EDB)	50	55		1	111	1.9	70-130	20	12/29/2009 0045
1,4-Dichlorobenzene	50	55		1	110	0.64	70-130	20	12/29/2009 0045
1,2-Dichlorobenzene	50	53		1	105	1.1	70-130	20	12/29/2009 0045
1,3-Dichlorobenzene	50	55		1	110	0.64	70-130	20	12/29/2009 0045
Dichlorodifluoromethane	50	50		1	100	3.6	60-140	20	12/29/2009 0045
1,2-Dichloroethane	50	48		1	96	5.2	70-130	20	12/29/2009 0045
1,1-Dichloroethane	50	48		1	95	5.8	70-130	20	12/29/2009 0045
cis-1,2-Dichloroethene	50	48		1	96	7.3	70-130	20	12/29/2009 0045
1,1-Dichloroethene	50	48		1	96	7.4	70-130	20	12/29/2009 0045
trans-1,2-Dichloroethene	50	49		1	99	4.6	70-130	20	12/29/2009 0045
1,2-Dichloropropane	50	51		1	102	0.23	70-130	20	12/29/2009 0045
cis-1,3-Dichloropropene	50	52		1	104	3.3	70-130	20	12/29/2009 0045
trans-1,3-Dichloropropene	50	52		1	104	2.4	70-130	20	12/29/2009 0045
Ethylbenzene	50	57		1	113	0.039	70-130	20	12/29/2009 0045
2-Hexanone	100	110		1	114	7.1	60-140	20	12/29/2009 0045
Isopropylbenzene	50	60		1	119	0.044	70-130	20	12/29/2009 0045
Methyl acetate	50	42		1	85	9.1	15-128	20	12/29/2009 0045
Methyl tertiary butyl ether (MTBE)	50	49		1	97	9.5	70-130	20	12/29/2009 0045
4-Methyl-2-pentanone	100	110		1	107	2.2	60-140	20	12/29/2009 0045
Methylcyclohexane	50	59		1	118	1.7	70-130	20	12/29/2009 0045
Methylene chloride	50	46		1	93	6.4	70-130	20	12/29/2009 0045
Styrene	50	59		1	118	0.64	70-130	20	12/29/2009 0045
1,1,2,2-Tetrachloroethane	50	52		1	104	3.9	70-130	20	12/29/2009 0045
Tetrachloroethene	50	53		1	106	0.60	70-130	20	12/29/2009 0045
Toluene	50	55		1	110	1.6	70-130	20	12/29/2009 0045
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	56		1	112	4.0	70-130	20	12/29/2009 0045
1,2,4-Trichlorobenzene	50	54		1	108	12	70-130	20	12/29/2009 0045
1,1,2-Trichloroethane	50	53		1	107	0.16	70-130	20	12/29/2009 0045
1,1,1-Trichloroethane	50	52		1	103	4.2	70-130	20	12/29/2009 0045

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25655-003
Batch: 25655
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	51		1	102	3.2	70-130	20	12/29/2009 0045
Trichlorofluoromethane	50	48		1	96	5.5	60-140	20	12/29/2009 0045
Vinyl chloride	50	50		1	100	6.1	60-140	20	12/29/2009 0045
Xylenes (total)	100	110		1	112	2.1	70-130	20	12/29/2009 0045

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	70-130
1,2-Dichloroethane-d4		93	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: LQ25668-001
Batch: 25668
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,1'-Biphenyl	ND		1	1.0	0.20	ug/L	01/08/2010 0018
2,4,5-Trichlorophenol	ND		1	1.0	0.18	ug/L	01/08/2010 0018
2,4,6-Trichlorophenol	ND		1	1.0	0.22	ug/L	01/08/2010 0018
2,4-Dichlorophenol	ND		1	1.0	0.15	ug/L	01/08/2010 0018
2,4-Dimethylphenol	ND		1	1.0	0.31	ug/L	01/08/2010 0018
2,4-Dinitrophenol	ND		1	5.0	0.25	ug/L	01/08/2010 0018
2,4-Dinitrotoluene	ND		1	2.0	0.45	ug/L	01/08/2010 0018
2,6-Dinitrotoluene	ND		1	2.0	0.40	ug/L	01/08/2010 0018
2-Chloronaphthalene	ND		1	1.0	0.12	ug/L	01/08/2010 0018
2-Chlorophenol	ND		1	1.0	0.13	ug/L	01/08/2010 0018
2-Methylnaphthalene	ND		1	1.0	0.080	ug/L	01/08/2010 0018
2-Methylphenol	ND		1	1.0	0.17	ug/L	01/08/2010 0018
2-Nitroaniline	ND		1	2.0	0.55	ug/L	01/08/2010 0018
2-Nitrophenol	ND		1	2.0	0.27	ug/L	01/08/2010 0018
3 & 4-Methylphenol	ND		1	2.0	0.57	ug/L	01/08/2010 0018
3,3'-Dichlorobenzidine	ND		1	5.0	0.81	ug/L	01/08/2010 0018
3-Nitroaniline	ND		1	2.0	0.77	ug/L	01/08/2010 0018
4,6-Dinitro-2-methylphenol	ND		1	5.0	1.5	ug/L	01/08/2010 0018
4-Bromophenyl phenyl ether	ND		1	1.0	0.12	ug/L	01/08/2010 0018
4-Chloro-3-methyl phenol	ND		1	1.0	0.22	ug/L	01/08/2010 0018
4-Chloroaniline	ND		1	1.0	0.13	ug/L	01/08/2010 0018
4-Chlorophenyl phenyl ether	ND		1	1.0	0.11	ug/L	01/08/2010 0018
4-Nitroaniline	ND		1	2.0	0.39	ug/L	01/08/2010 0018
4-Nitrophenol	ND		1	5.0	0.64	ug/L	01/08/2010 0018
Acenaphthene	ND		1	1.0	0.090	ug/L	01/08/2010 0018
Acenaphthylene	ND		1	1.0	0.16	ug/L	01/08/2010 0018
Acetophenone	ND		1	1.0	0.32	ug/L	01/08/2010 0018
Anthracene	ND		1	1.0	0.13	ug/L	01/08/2010 0018
Atrazine	ND		1	1.0	0.20	ug/L	01/08/2010 0018
Benzaldehyde	ND		1	5.0	1.0	ug/L	01/08/2010 0018
Benzo(a)anthracene	ND		1	1.0	0.15	ug/L	01/08/2010 0018
Benzo(a)pyrene	ND		1	1.0	0.16	ug/L	01/08/2010 0018
Benzo(b)fluoranthene	ND		1	1.0	0.20	ug/L	01/08/2010 0018
Benzo(g,h,i)perylene	ND		1	1.0	0.23	ug/L	01/08/2010 0018
Benzo(k)fluoranthene	ND		1	1.0	0.12	ug/L	01/08/2010 0018
bis(2-Chloroethoxy)methane	ND		1	1.0	0.13	ug/L	01/08/2010 0018
bis(2-Chloroethyl)ether	ND		1	1.0	0.13	ug/L	01/08/2010 0018
bis(2-Chloroisopropyl)ether	ND		1	1.0	0.080	ug/L	01/08/2010 0018
bis(2-Ethylhexyl)phthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Butyl benzyl phthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Caprolactam	ND		1	5.0	1.2	ug/L	01/08/2010 0018
Carbazole	ND		1	1.0	0.25	ug/L	01/08/2010 0018
Chrysene	ND		1	1.0	0.12	ug/L	01/08/2010 0018
Di-n-butyl phthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: LQ25668-001
Batch: 25668
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Di-n-octylphthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Dibenzo(a,h)anthracene	ND		1	1.0	0.13	ug/L	01/08/2010 0018
Dibenzofuran	ND		1	1.0	0.16	ug/L	01/08/2010 0018
Diethylphthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Dimethyl phthalate	ND		1	5.0	1.7	ug/L	01/08/2010 0018
Fluoranthene	ND		1	1.0	0.21	ug/L	01/08/2010 0018
Fluorene	ND		1	1.0	0.10	ug/L	01/08/2010 0018
Hexachlorobenzene	ND		1	1.0	0.21	ug/L	01/08/2010 0018
Hexachlorobutadiene	ND		1	1.0	0.090	ug/L	01/08/2010 0018
Hexachlorocyclopentadiene	ND		1	5.0	0.23	ug/L	01/08/2010 0018
Hexachloroethane	ND		1	1.0	0.11	ug/L	01/08/2010 0018
Indeno(1,2,3-c,d)pyrene	ND		1	1.0	0.23	ug/L	01/08/2010 0018
Isophorone	ND		1	1.0	0.080	ug/L	01/08/2010 0018
N-Nitrosodi-n-propylamine	ND		1	1.0	0.080	ug/L	01/08/2010 0018
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	1.0	0.38	ug/L	01/08/2010 0018
Naphthalene	ND		1	1.0	0.070	ug/L	01/08/2010 0018
Nitrobenzene	ND		1	1.0	0.10	ug/L	01/08/2010 0018
Pentachlorophenol	ND		1	5.0	0.54	ug/L	01/08/2010 0018
Phenanthrene	ND		1	1.0	0.18	ug/L	01/08/2010 0018
Phenol	ND		1	1.0	0.11	ug/L	01/08/2010 0018
Pyrene	ND		1	1.0	0.16	ug/L	01/08/2010 0018

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		55	41-144
2-Fluorobiphenyl		57	37-129
2-Fluorophenol		35	24-127
Nitrobenzene-d5		56	38-127
Phenol-d5	N	23	28-128
Terphenyl-d14		46	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25668-002
Batch: 25668
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-Trichlorophenol	20	11		1	53	46-125	01/08/2010 0038
2,4,6-Trichlorophenol	20	9.2		1	46	36-123	01/08/2010 0038
2,4-Dichlorophenol	20	10		1	51	38-127	01/08/2010 0038
2,4-Dimethylphenol	20	7.9		1	39	36-110	01/08/2010 0038
2,4-Dinitrophenol	100	55		1	55	33-143	01/08/2010 0038
2,4-Dinitrotoluene	40	21	N	1	53	55-137	01/08/2010 0038
2,6-Dinitrotoluene	40	21	N	1	52	53-128	01/08/2010 0038
2-Chloronaphthalene	20	10		1	52	42-132	01/08/2010 0038
2-Chlorophenol	20	10		1	50	40-128	01/08/2010 0038
2-Methylnaphthalene	20	9.8		1	49	49-122	01/08/2010 0038
2-Methylphenol	20	9.9		1	50	33-122	01/08/2010 0038
2-Nitroaniline	40	21		1	51	48-126	01/08/2010 0038
2-Nitrophenol	40	20		1	51	44-131	01/08/2010 0038
3 & 4-Methylphenol	40	16	N	1	40	48-112	01/08/2010 0038
3-Nitroaniline	40	7.8	N	1	19	29-109	01/08/2010 0038
4,6-Dinitro-2-methylphenol	100	55		1	55	46-151	01/08/2010 0038
4-Bromophenyl phenyl ether	20	10		1	51	49-123	01/08/2010 0038
4-Chloro-3-methyl phenol	20	9.7		1	49	48-136	01/08/2010 0038
4-Chloroaniline	20	3.7		1	19	18-73	01/08/2010 0038
4-Chlorophenyl phenyl ether	20	10		1	51	34-124	01/08/2010 0038
4-Nitroaniline	40	20		1	49	42-154	01/08/2010 0038
4-Nitrophenol	100	30	N	1	30	43-145	01/08/2010 0038
Acenaphthene	20	10		1	51	51-130	01/08/2010 0038
Acenaphthylene	20	10		1	50	46-131	01/08/2010 0038
Anthracene	20	10		1	51	48-122	01/08/2010 0038
Benzo(a)anthracene	20	11		1	54	50-143	01/08/2010 0038
Benzo(a)pyrene	20	12		1	60	55-141	01/08/2010 0038
Benzo(b)fluoranthene	20	11		1	55	48-147	01/08/2010 0038
Benzo(g,h,i)perylene	20	10		1	52	48-139	01/08/2010 0038
Benzo(k)fluoranthene	20	10		1	52	48-148	01/08/2010 0038
bis(2-Chloroethoxy)methane	20	10		1	51	46-130	01/08/2010 0038
bis(2-Chloroethyl)ether	20	10		1	52	42-127	01/08/2010 0038
bis(2-Chloroisopropyl)ether	20	9.7		1	48	36-133	01/08/2010 0038
bis(2-Ethylhexyl)phthalate	20	11		1	57	40-141	01/08/2010 0038
Butyl benzyl phthalate	20	11		1	54	52-142	01/08/2010 0038
Carbazole	20	11		1	56	45-101	01/08/2010 0038
Chrysene	20	11		1	56	51-137	01/08/2010 0038
Di-n-butyl phthalate	20	11		1	55	50-134	01/08/2010 0038
Di-n-octylphthalate	20	11		1	57	50-136	01/08/2010 0038
Dibenzo(a,h)anthracene	20	10		1	52	48-139	01/08/2010 0038
Dibenzofuran	20	10		1	51	45-142	01/08/2010 0038
Diethylphthalate	20	11		1	53	48-124	01/08/2010 0038
Dimethyl phthalate	20	11		1	53	43-122	01/08/2010 0038
Fluoranthene	20	10		1	51	50-124	01/08/2010 0038

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25668-002
Batch: 25668
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Fluorene	20	10		1	52	39-122	01/08/2010 0038
Hexachlorobenzene	20	10		1	52	46-125	01/08/2010 0038
Hexachlorobutadiene	20	10		1	50	38-121	01/08/2010 0038
Hexachlorocyclopentadiene	100	45		1	45	24-110	01/08/2010 0038
Hexachloroethane	20	10		1	50	32-109	01/08/2010 0038
Indeno(1,2,3-c,d)pyrene	20	10		1	52	49-146	01/08/2010 0038
Isophorone	20	11		1	53	43-118	01/08/2010 0038
N-Nitrosodi-n-propylamine	20	10		1	50	46-135	01/08/2010 0038
N-Nitrosodiphenylamine (Diphenylamine)	20	12		1	59	44-124	01/08/2010 0038
Naphthalene	20	10		1	50	45-118	01/08/2010 0038
Nitrobenzene	20	11		1	54	46-131	01/08/2010 0038
Pentachlorophenol	100	45		1	45	30-137	01/08/2010 0038
Phenanthrene	20	10		1	52	49-122	01/08/2010 0038
Phenol	20	5.4	N	1	27	35-118	01/08/2010 0038
Pyrene	20	11		1	53	50-130	01/08/2010 0038

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		53	41-144
2-Fluorobiphenyl		54	37-129
2-Fluorophenol		38	24-127
Nitrobenzene-d5		55	38-127
Phenol-d5	N	25	28-128
Terphenyl-d14		47	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: KL17024-013MS
Batch: 25668
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	43	16		1	38	10-133	01/02/2010 1440
Acenaphthylene	ND	43	16		1	37	34-128	01/02/2010 1440
Anthracene	ND	43	16	N	1	38	48-122	01/02/2010 1440
Benzo(a)anthracene	ND	43	15	N	1	34	53-98	01/02/2010 1440
Benzo(a)pyrene	ND	43	21		1	48	11-160	01/02/2010 1440
Benzo(b)fluoranthene	ND	43	15		1	33	10-165	01/02/2010 1440
Benzo(g,h,i)perylene	ND	43	16	N	1	37	42-111	01/02/2010 1440
Benzo(k)fluoranthene	ND	43	23		1	53	13-175	01/02/2010 1440
4-Bromophenyl phenyl ether	ND	43	18	N	1	40	49-123	01/02/2010 1440
Butyl benzyl phthalate	ND	43	18	N	1	42	52-142	01/02/2010 1440
Carbazole	ND	43	18	N	1	41	45-101	01/02/2010 1440
4-Chloro-3-methyl phenol	ND	43	17	N	1	38	40-98	01/02/2010 1440
4-Chloroaniline	ND	43	ND	N	1	0.00	10-98	01/02/2010 1440
bis(2-Chloroethoxy)methane	ND	43	16	N	1	37	43-93	01/02/2010 1440
bis(2-Chloroethyl)ether	ND	43	17	N	1	38	41-88	01/02/2010 1440
bis(2-Chloroisopropyl)ether	ND	43	16		1	38	36-99	01/02/2010 1440
2-Chloronaphthalene	ND	43	13	N	1	30	40-89	01/02/2010 1440
2-Chlorophenol	ND	43	17		1	38	33-92	01/02/2010 1440
4-Chlorophenyl phenyl ether	ND	43	17		1	39	34-124	01/02/2010 1440
Chrysene	ND	43	20	N	1	46	51-107	01/02/2010 1440
Dibenzo(a,h)anthracene	ND	43	18	N	1	40	47-116	01/02/2010 1440
Dibenzofuran	ND	43	16	N	1	38	45-94	01/02/2010 1440
2,4-Dichlorophenol	ND	43	17		1	39	34-105	01/02/2010 1440
Diethylphthalate	ND	43	18	N	1	42	48-124	01/02/2010 1440
Dimethyl phthalate	ND	43	17	N	1	40	43-122	01/02/2010 1440
2,4-Dimethylphenol	ND	43	14	N	1	32	33-77	01/02/2010 1440
Di-n-butyl phthalate	ND	43	19	N	1	44	50-134	01/02/2010 1440
4,6-Dinitro-2-methylphenol	ND	220	89		1	41	33-118	01/02/2010 1440
2,4-Dinitrophenol	ND	220	79		1	36	19-119	01/02/2010 1440
2,4-Dinitrotoluene	ND	87	36	N	1	41	50-104	01/02/2010 1440
2,6-Dinitrotoluene	ND	87	37	N	1	43	53-128	01/02/2010 1440
Di-n-octylphthalate	ND	43	22		1	50	40-112	01/02/2010 1440
bis(2-Ethylhexyl)phthalate	ND	43	19		1	43	10-142	01/02/2010 1440
Fluoranthene	ND	43	18	N	1	40	50-124	01/02/2010 1440
Fluorene	ND	43	16	N	1	38	39-122	01/02/2010 1440
Hexachlorobenzene	ND	43	17	N	1	40	46-125	01/02/2010 1440
Hexachlorobutadiene	ND	43	15	N	1	35	42-94	01/02/2010 1440
Hexachlorocyclopentadiene	ND	220	58		1	27	14-89	01/02/2010 1440
Hexachloroethane	ND	43	16	N	1	36	39-86	01/02/2010 1440
Indeno(1,2,3-c,d)pyrene	ND	43	17	N	1	38	43-113	01/02/2010 1440
Isophorone	ND	43	17	N	1	40	42-84	01/02/2010 1440
2-Methylnaphthalene	ND	43	16	N	1	36	46-90	01/02/2010 1440
2-Methylphenol	ND	43	19		1	44	33-122	01/02/2010 1440
3 & 4-Methylphenol	ND	87	31		1	36	24-97	01/02/2010 1440

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: KL17024-013MS
Batch: 25668
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Naphthalene	ND	43	15	N	1	35	46-89	01/02/2010 1440
2-Nitroaniline	ND	87	35	N	1	41	48-126	01/02/2010 1440
3-Nitroaniline	ND	87	11		1	12	10-110	01/02/2010 1440
4-Nitroaniline	ND	87	32	N	1	37	41-99	01/02/2010 1440
Nitrobenzene	ND	43	18	N	1	41	44-91	01/02/2010 1440
2-Nitrophenol	ND	87	32		1	37	34-102	01/02/2010 1440
4-Nitrophenol	ND	220	73		1	33	29-122	01/02/2010 1440
N-Nitrosodi-n-propylamine	ND	43	19		1	43	41-96	01/02/2010 1440
N-Nitrosodiphenylamine (Diphenylamine)	ND	43	19		1	44	10-150	01/02/2010 1440
Pentachlorophenol	ND	220	76		1	35	32-110	01/02/2010 1440
Phenanthrene	ND	43	17	N	1	39	49-122	01/02/2010 1440
Phenol	ND	43	12	N	1	27	33-92	01/02/2010 1440
Pyrene	ND	43	17	N	1	38	50-130	01/02/2010 1440
2,4,5-Trichlorophenol	ND	43	18	N	1	42	46-125	01/02/2010 1440
2,4,6-Trichlorophenol	ND	43	16		1	37	36-123	01/02/2010 1440

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		79	37-129
2-Fluorophenol		69	24-127
Nitrobenzene-d5		85	38-127
Phenol-d5		57	28-128
Terphenyl-d14		70	10-148
2,4,6-Tribromophenol		83	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: KL17024-013MD
Batch: 25668
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	43	18		1	42	11	10-133	40	01/02/2010 1500
Acenaphthylene	ND	43	18		1	42	11	34-128	40	01/02/2010 1500
Anthracene	ND	43	19	N	1	43	12	48-122	40	01/02/2010 1500
Benzo(a)anthracene	ND	43	17	N	1	38	10	53-98	40	01/02/2010 1500
Benzo(a)pyrene	ND	43	24		1	55	13	11-160	40	01/02/2010 1500
Benzo(b)fluoranthene	ND	43	16		1	37	9.8	10-165	40	01/02/2010 1500
Benzo(g,h,i)perylene	ND	43	19		1	43	14	42-111	40	01/02/2010 1500
Benzo(k)fluoranthene	ND	43	27		1	61	14	13-175	40	01/02/2010 1500
4-Bromophenyl phenyl ether	ND	43	20	N	1	45	11	49-123	40	01/02/2010 1500
Butyl benzyl phthalate	ND	43	20	N	1	46	9.4	52-142	40	01/02/2010 1500
Carbazole	ND	43	20		1	46	12	45-101	40	01/02/2010 1500
4-Chloro-3-methyl phenol	ND	43	20		1	45	16	40-98	40	01/02/2010 1500
4-Chloroaniline	ND	43	ND	N	1	0.00	0.00	10-98	40	01/02/2010 1500
bis(2-Chloroethoxy)methane	ND	43	18	N	1	42	15	43-93	40	01/02/2010 1500
bis(2-Chloroethyl)ether	ND	43	19		1	43	12	41-88	40	01/02/2010 1500
bis(2-Chloroisopropyl)ether	ND	43	19		1	43	14	36-99	40	01/02/2010 1500
2-Chloronaphthalene	ND	43	14	N	1	32	8.4	40-89	40	01/02/2010 1500
2-Chlorophenol	ND	43	19		1	44	13	33-92	40	01/02/2010 1500
4-Chlorophenyl phenyl ether	ND	43	19		1	44	11	34-124	40	01/02/2010 1500
Chrysene	ND	43	22	N	1	50	8.8	51-107	40	01/02/2010 1500
Dibenzo(a,h)anthracene	ND	43	20	N	1	46	14	47-116	40	01/02/2010 1500
Dibenzofuran	ND	43	18	N	1	42	11	45-94	40	01/02/2010 1500
2,4-Dichlorophenol	ND	43	20		1	45	15	34-105	40	01/02/2010 1500
Diethylphthalate	ND	43	21	N	1	47	12	48-124	40	01/02/2010 1500
Dimethyl phthalate	ND	43	20		1	46	15	43-122	40	01/02/2010 1500
2,4-Dimethylphenol	ND	43	16		1	37	15	33-77	40	01/02/2010 1500
Di-n-butyl phthalate	ND	43	21	N	1	49	10	50-134	40	01/02/2010 1500
4,6-Dinitro-2-methylphenol	ND	220	100		1	47	13	33-118	40	01/02/2010 1500
2,4-Dinitrophenol	ND	220	87		1	40	8.8	19-119	40	01/02/2010 1500
2,4-Dinitrotoluene	ND	87	40	N	1	46	12	50-104	40	01/02/2010 1500
2,6-Dinitrotoluene	ND	87	42	N	1	48	13	53-128	40	01/02/2010 1500
Di-n-octylphthalate	ND	43	25		1	58	13	40-112	40	01/02/2010 1500
bis(2-Ethylhexyl)phthalate	ND	43	21		1	47	9.1	10-142	40	01/02/2010 1500
Fluoranthene	ND	43	19	N	1	45	9.8	50-124	40	01/02/2010 1500
Fluorene	ND	43	19		1	43	13	39-122	40	01/02/2010 1500
Hexachlorobenzene	ND	43	19	N	1	44	9.6	46-125	40	01/02/2010 1500
Hexachlorobutadiene	ND	43	17	N	1	39	10	42-94	40	01/02/2010 1500
Hexachlorocyclopentadiene	ND	220	62		1	28	5.6	14-89	40	01/02/2010 1500
Hexachloroethane	ND	43	18		1	41	13	39-86	40	01/02/2010 1500
Indeno(1,2,3-c,d)pyrene	ND	43	20		1	45	16	43-113	40	01/02/2010 1500
Isophorone	ND	43	20		1	47	15	42-84	40	01/02/2010 1500
2-Methylnaphthalene	ND	43	18	N	1	40	12	46-90	40	01/02/2010 1500
2-Methylphenol	ND	43	23		1	53	19	33-122	40	01/02/2010 1500
3 & 4-Methylphenol	ND	87	38		1	44	20	24-97	40	01/02/2010 1500

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: KL17024-013MD
Batch: 25668
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1630

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Naphthalene	ND	43	17	N	1	40	12	46-89	40	01/02/2010 1500
2-Nitroaniline	ND	87	40	N	1	46	13	48-126	40	01/02/2010 1500
3-Nitroaniline	ND	87	12		1	14	13	10-110	40	01/02/2010 1500
4-Nitroaniline	ND	87	35		1	41	10	41-99	40	01/02/2010 1500
Nitrobenzene	ND	43	20		1	46	13	44-91	40	01/02/2010 1500
2-Nitrophenol	ND	87	37		1	42	13	34-102	40	01/02/2010 1500
4-Nitrophenol	ND	220	84		1	39	15	29-122	40	01/02/2010 1500
N-Nitrosodi-n-propylamine	ND	43	22		1	50	15	41-96	40	01/02/2010 1500
N-Nitrosodiphenylamine (Diphenylamine)	ND	43	21		1	49	10	10-150	40	01/02/2010 1500
Pentachlorophenol	ND	220	86		1	40	12	32-110	40	01/02/2010 1500
Phenanthrene	ND	43	19	N	1	44	10	49-122	40	01/02/2010 1500
Phenol	ND	43	14		1	33	17	33-92	40	01/02/2010 1500
Pyrene	ND	43	19	N	1	43	12	50-130	40	01/02/2010 1500
2,4,5-Trichlorophenol	ND	43	20		1	47	12	46-125	40	01/02/2010 1500
2,4,6-Trichlorophenol	ND	43	18		1	42	13	36-123	40	01/02/2010 1500

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		87	37-129
2-Fluorophenol		80	24-127
Nitrobenzene-d5		99	38-127
Phenol-d5		67	28-128
Terphenyl-d14		76	10-148
2,4,6-Tribromophenol		95	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: KQ24171-001
Batch: 24171
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	0.025	0.0060	ug/L	12/31/2009 1726
4,4'-DDE	ND		1	0.025	0.0060	ug/L	12/31/2009 1726
4,4'-DDT	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Aldrin	ND		1	0.025	0.0020	ug/L	12/31/2009 1726
alpha-BHC	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
alpha-Chlordane	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
beta-BHC	ND		1	0.025	0.019	ug/L	12/31/2009 1726
delta-BHC	ND		1	0.025	0.0080	ug/L	12/31/2009 1726
Dieldrin	ND		1	0.025	0.0040	ug/L	12/31/2009 1726
Endosulfan I	ND		1	0.025	0.0060	ug/L	12/31/2009 1726
Endosulfan II	ND		1	0.025	0.024	ug/L	12/31/2009 1726
Endosulfan sulfate	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Endrin	ND		1	0.025	0.0050	ug/L	12/31/2009 1726
Endrin aldehyde	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Endrin ketone	ND		1	0.025	0.0040	ug/L	12/31/2009 1726
gamma-BHC (Lindane)	ND		1	0.025	0.0050	ug/L	12/31/2009 1726
gamma-Chlordane	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Heptachlor	ND		1	0.025	0.020	ug/L	12/31/2009 1726
Heptachlor epoxide	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Methoxychlor	ND		1	0.10	0.014	ug/L	12/31/2009 1726
Toxaphene	ND		1	0.25	0.030	ug/L	12/31/2009 1726

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl	N	30	49-124
Tetrachloro-m-xylene		86	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: KQ24171-002
Batch: 24171
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	0.50	0.49		1	98	70-130	12/31/2009 1745
4,4'-DDE	0.50	0.47		1	93	70-130	12/31/2009 1745
4,4'-DDT	0.50	0.49		1	98	70-130	12/31/2009 1745
Aldrin	0.50	0.44		1	88	70-130	12/31/2009 1745
alpha-BHC	0.50	0.45		1	90	70-130	12/31/2009 1745
beta-BHC	0.50	0.44		1	88	70-130	12/31/2009 1745
delta-BHC	0.50	0.47		1	95	70-130	12/31/2009 1745
Dieldrin	0.50	0.48		1	95	70-130	12/31/2009 1745
Endosulfan I	0.50	0.45		1	91	70-130	12/31/2009 1745
Endosulfan II	0.50	0.48		1	96	70-130	12/31/2009 1745
Endosulfan sulfate	0.50	0.48		1	96	70-130	12/31/2009 1745
Endrin	0.50	0.49		1	99	70-130	12/31/2009 1745
Endrin aldehyde	0.50	0.49		1	98	70-130	12/31/2009 1745
gamma-BHC (Lindane)	0.50	0.45		1	91	70-130	12/31/2009 1745
gamma-Chlordane	0.50	0.46		1	92	70-130	12/31/2009 1745
Heptachlor	0.50	0.45		1	91	70-130	12/31/2009 1745
Heptachlor epoxide	0.50	0.45		1	89	70-130	12/31/2009 1745
Methoxychlor	0.50	0.59		1	119	70-130	12/31/2009 1745

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		70	49-124
Tetrachloro-m-xylene		90	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: LQ24660-001
Batch: 24660
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/04/2010 2121

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	0.025	0.0060	ug/L	01/06/2010 0156
4,4'-DDE	ND		1	0.025	0.0060	ug/L	01/06/2010 0156
4,4'-DDT	ND		1	0.025	0.0030	ug/L	01/06/2010 0156
Aldrin	ND		1	0.025	0.0020	ug/L	01/06/2010 0156
alpha-BHC	ND		1	0.025	0.0030	ug/L	01/06/2010 0156
alpha-Chlordane	ND		1	0.025	0.0030	ug/L	01/06/2010 0156
beta-BHC	ND		1	0.025	0.019	ug/L	01/06/2010 0156
delta-BHC	ND		1	0.025	0.0080	ug/L	01/06/2010 0156
Dieldrin	ND		1	0.025	0.0040	ug/L	01/06/2010 0156
Endosulfan I	ND		1	0.025	0.0060	ug/L	01/06/2010 0156
Endosulfan II	ND		1	0.025	0.024	ug/L	01/06/2010 0156
Endosulfan sulfate	ND		1	0.025	0.0030	ug/L	01/06/2010 0156
Endrin	ND		1	0.025	0.0050	ug/L	01/06/2010 0156
Endrin aldehyde	ND		1	0.025	0.0030	ug/L	01/06/2010 0156
Endrin ketone	ND		1	0.025	0.0040	ug/L	01/06/2010 0156
gamma-BHC (Lindane)	ND		1	0.025	0.0050	ug/L	01/06/2010 0156
gamma-Chlordane	ND		1	0.025	0.0030	ug/L	01/06/2010 0156
Heptachlor	ND		1	0.025	0.020	ug/L	01/06/2010 0156
Heptachlor epoxide	ND		1	0.025	0.0030	ug/L	01/06/2010 0156
Methoxychlor	ND		1	0.10	0.014	ug/L	01/06/2010 0156
Toxaphene	ND		1	0.25	0.030	ug/L	01/06/2010 0156

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		90	49-124
Tetrachloro-m-xylene		86	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: LQ24660-002
Batch: 24660
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/04/2010 2121

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	0.50	0.49		1	97	70-130	01/06/2010 0216
4,4'-DDE	0.50	0.46		1	92	70-130	01/06/2010 0216
4,4'-DDT	0.50	0.46		1	91	70-130	01/06/2010 0216
Aldrin	0.50	0.44		1	87	70-130	01/06/2010 0216
alpha-BHC	0.50	0.46		1	91	70-130	01/06/2010 0216
beta-BHC	0.50	0.43		1	86	70-130	01/06/2010 0216
delta-BHC	0.50	0.46		1	92	70-130	01/06/2010 0216
Dieldrin	0.50	0.50		1	99	70-130	01/06/2010 0216
Endosulfan I	0.50	0.43		1	87	70-130	01/06/2010 0216
Endosulfan II	0.50	0.46		1	93	70-130	01/06/2010 0216
Endosulfan sulfate	0.50	0.49		1	97	70-130	01/06/2010 0216
Endrin	0.50	0.51		1	102	70-130	01/06/2010 0216
Endrin aldehyde	0.50	0.34	N	1	68	70-130	01/06/2010 0216
gamma-BHC (Lindane)	0.50	0.45		1	91	70-130	01/06/2010 0216
gamma-Chlordane	0.50	0.46		1	92	70-130	01/06/2010 0216
Heptachlor	0.50	0.43		1	87	70-130	01/06/2010 0216
Heptachlor epoxide	0.50	0.46		1	91	70-130	01/06/2010 0216
Methoxychlor	0.50	0.52		1	103	70-130	01/06/2010 0216

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		81	49-124
Tetrachloro-m-xylene		84	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCSD

Sample ID: LQ24660-003
Batch: 24660
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/04/2010 2121

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
4,4'-DDD	0.50	0.50		1	99	2.5	70-130	30	01/06/2010 0236
4,4'-DDE	0.50	0.48		1	96	3.7	70-130	30	01/06/2010 0236
4,4'-DDT	0.50	0.47		1	94	3.2	70-130	30	01/06/2010 0236
Aldrin	0.50	0.44		1	88	1.4	70-130	30	01/06/2010 0236
alpha-BHC	0.50	0.47		1	93	2.0	70-130	30	01/06/2010 0236
beta-BHC	0.50	0.43		1	87	1.6	70-130	30	01/06/2010 0236
delta-BHC	0.50	0.47		1	95	3.4	70-130	30	01/06/2010 0236
Dieldrin	0.50	0.51		1	102	2.7	70-130	30	01/06/2010 0236
Endosulfan I	0.50	0.45		1	90	3.6	70-130	30	01/06/2010 0236
Endosulfan II	0.50	0.47		1	94	2.0	70-130	30	01/06/2010 0236
Endosulfan sulfate	0.50	0.49		1	99	1.5	70-130	30	01/06/2010 0236
Endrin	0.50	0.47		1	94	8.1	70-130	30	01/06/2010 0236
Endrin aldehyde	0.50	0.41		1	82	19	70-130	30	01/06/2010 0236
gamma-BHC (Lindane)	0.50	0.47		1	93	2.7	70-130	30	01/06/2010 0236
gamma-Chlordane	0.50	0.48		1	95	3.4	70-130	30	01/06/2010 0236
Heptachlor	0.50	0.45		1	89	2.9	70-130	30	01/06/2010 0236
Heptachlor epoxide	0.50	0.47		1	95	3.7	70-130	30	01/06/2010 0236
Methoxychlor	0.50	0.53		1	107	3.2	70-130	30	01/06/2010 0236

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		74	49-124
Tetrachloro-m-xylene		87	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: LQ25657-001
Batch: 25657
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/04/2010 1738

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	0.025	0.0060	ug/L	01/06/2010 0356
4,4'-DDE	ND		1	0.025	0.0060	ug/L	01/06/2010 0356
4,4'-DDT	0.036		1	0.025	0.0030	ug/L	01/06/2010 0356
Aldrin	ND		1	0.025	0.0020	ug/L	01/06/2010 0356
alpha-BHC	ND		1	0.025	0.0030	ug/L	01/06/2010 0356
alpha-Chlordane	ND		1	0.025	0.0030	ug/L	01/06/2010 0356
beta-BHC	ND		1	0.025	0.019	ug/L	01/06/2010 0356
delta-BHC	ND		1	0.025	0.0080	ug/L	01/06/2010 0356
Dieldrin	ND		1	0.025	0.0040	ug/L	01/06/2010 0356
Endosulfan I	ND		1	0.025	0.0060	ug/L	01/06/2010 0356
Endosulfan II	ND		1	0.025	0.024	ug/L	01/06/2010 0356
Endosulfan sulfate	ND		1	0.025	0.0030	ug/L	01/06/2010 0356
Endrin	ND		1	0.025	0.0050	ug/L	01/06/2010 0356
Endrin aldehyde	0.0035	J	1	0.025	0.0030	ug/L	01/06/2010 0356
Endrin ketone	ND		1	0.025	0.0040	ug/L	01/06/2010 0356
gamma-BHC (Lindane)	ND		1	0.025	0.0050	ug/L	01/06/2010 0356
gamma-Chlordane	ND		1	0.025	0.0030	ug/L	01/06/2010 0356
Heptachlor	ND		1	0.025	0.020	ug/L	01/06/2010 0356
Heptachlor epoxide	ND		1	0.025	0.0030	ug/L	01/06/2010 0356
Methoxychlor	ND		1	0.10	0.014	ug/L	01/06/2010 0356
Toxaphene	ND		1	0.25	0.030	ug/L	01/06/2010 0356

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		85	49-124
Tetrachloro-m-xylene		83	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: LQ25657-002
Batch: 25657
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/04/2010 1738

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	0.50	0.49		1	97	70-130	01/06/2010 0412
4,4'-DDE	0.50	0.48		1	96	70-130	01/06/2010 0412
4,4'-DDT	0.50	0.51		1	102	70-130	01/06/2010 0412
Aldrin	0.50	0.46		1	92	70-130	01/06/2010 0412
alpha-BHC	0.50	0.46		1	93	70-130	01/06/2010 0412
beta-BHC	0.50	0.42		1	84	70-130	01/06/2010 0412
delta-BHC	0.50	0.47		1	95	70-130	01/06/2010 0412
Dieldrin	0.50	0.50		1	99	70-130	01/06/2010 0412
Endosulfan I	0.50	0.44		1	88	70-130	01/06/2010 0412
Endosulfan II	0.50	0.54		1	108	70-130	01/06/2010 0412
Endosulfan sulfate	0.50	0.47		1	94	70-130	01/06/2010 0412
Endrin	0.50	0.49		1	98	70-130	01/06/2010 0412
Endrin aldehyde	0.50	0.40		1	81	70-130	01/06/2010 0412
gamma-BHC (Lindane)	0.50	0.47		1	94	70-130	01/06/2010 0412
gamma-Chlordane	0.50	0.48		1	96	70-130	01/06/2010 0412
Heptachlor	0.50	0.45		1	91	70-130	01/06/2010 0412
Heptachlor epoxide	0.50	0.47		1	94	70-130	01/06/2010 0412
Methoxychlor	0.50	0.46		1	91	70-130	01/06/2010 0412

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		77	49-124
Tetrachloro-m-xylene		93	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCSD

Sample ID: LQ25657-003
Batch: 25657
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/04/2010 1738

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
4,4'-DDD	0.50	0.87	N,+	1	174	200	70-130	30	01/06/2010 1906
4,4'-DDE	0.50	0.89	N,+	1	178	200	70-130	30	01/06/2010 1906
4,4'-DDT	0.50	1.0	N,+	1	204	200	70-130	30	01/06/2010 1906
Aldrin	0.50	0.81	N,+	1	162	200	70-130	30	01/06/2010 1906
alpha-BHC	0.50	0.83	N,+	1	166	200	70-130	30	01/06/2010 1906
beta-BHC	0.50	0.72	N,+	1	145	200	70-130	30	01/06/2010 1906
delta-BHC	0.50	0.84	N,+	1	168	200	70-130	30	01/06/2010 1906
Dieldrin	0.50	0.88	N,+	1	176	200	70-130	30	01/06/2010 1906
Endosulfan I	0.50	0.75	N,+	1	151	200	70-130	30	01/06/2010 1906
Endosulfan II	0.50	0.80	N,+	1	161	200	70-130	30	01/06/2010 1906
Endosulfan sulfate	0.50	0.82	N,+	1	164	200	70-130	30	01/06/2010 1906
Endrin	0.50	0.62	+	1	123	200	70-130	30	01/06/2010 1906
Endrin aldehyde	0.50	0.82	N,+	1	164	200	70-130	30	01/06/2010 1906
gamma-BHC (Lindane)	0.50	0.82	N,+	1	165	200	70-130	30	01/06/2010 1906
gamma-Chlordane	0.50	0.86	N,+	1	172	200	70-130	30	01/06/2010 1906
Heptachlor	0.50	0.76	N,+	1	151	200	70-130	30	01/06/2010 1906
Heptachlor epoxide	0.50	0.83	N,+	1	165	200	70-130	30	01/06/2010 1906
Methoxychlor	0.50	0.79	N,+	1	158	200	70-130	30	01/06/2010 1906

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl	N	148	49-124
Tetrachloro-m-xylene	N	162	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: LQ25659-001
Batch: 25659
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	0.025	0.0060	ug/L	12/31/2009 1726
4,4'-DDE	ND		1	0.025	0.0060	ug/L	12/31/2009 1726
4,4'-DDT	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Aldrin	ND		1	0.025	0.0020	ug/L	12/31/2009 1726
alpha-BHC	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
alpha-Chlordane	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
beta-BHC	ND		1	0.025	0.019	ug/L	12/31/2009 1726
delta-BHC	ND		1	0.025	0.0080	ug/L	12/31/2009 1726
Dieldrin	ND		1	0.025	0.0040	ug/L	12/31/2009 1726
Endosulfan I	ND		1	0.025	0.0060	ug/L	12/31/2009 1726
Endosulfan II	ND		1	0.025	0.024	ug/L	12/31/2009 1726
Endosulfan sulfate	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Endrin	ND		1	0.025	0.0050	ug/L	12/31/2009 1726
Endrin aldehyde	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Endrin ketone	ND		1	0.025	0.0040	ug/L	12/31/2009 1726
gamma-BHC (Lindane)	ND		1	0.025	0.0050	ug/L	12/31/2009 1726
gamma-Chlordane	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Heptachlor	ND		1	0.025	0.020	ug/L	12/31/2009 1726
Heptachlor epoxide	ND		1	0.025	0.0030	ug/L	12/31/2009 1726
Methoxychlor	ND		1	0.10	0.014	ug/L	12/31/2009 1726
Toxaphene	ND		1	0.25	0.030	ug/L	12/31/2009 1726

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl	N	30	49-124
Tetrachloro-m-xylene		86	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: LQ25659-002
Batch: 25659
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	0.50	0.49		1	98	70-130	12/31/2009 1745
4,4'-DDE	0.50	0.47		1	93	70-130	12/31/2009 1745
4,4'-DDT	0.50	0.49		1	98	70-130	12/31/2009 1745
Aldrin	0.50	0.44		1	88	70-130	12/31/2009 1745
alpha-BHC	0.50	0.45		1	90	70-130	12/31/2009 1745
beta-BHC	0.50	0.44		1	88	70-130	12/31/2009 1745
delta-BHC	0.50	0.47		1	95	70-130	12/31/2009 1745
Dieldrin	0.50	0.48		1	95	70-130	12/31/2009 1745
Endosulfan I	0.50	0.45		1	91	70-130	12/31/2009 1745
Endosulfan II	0.50	0.48		1	96	70-130	12/31/2009 1745
Endosulfan sulfate	0.50	0.48		1	96	70-130	12/31/2009 1745
Endrin	0.50	0.49		1	99	70-130	12/31/2009 1745
Endrin aldehyde	0.50	0.49		1	98	70-130	12/31/2009 1745
gamma-BHC (Lindane)	0.50	0.45		1	91	70-130	12/31/2009 1745
gamma-Chlordane	0.50	0.46		1	92	70-130	12/31/2009 1745
Heptachlor	0.50	0.45		1	91	70-130	12/31/2009 1745
Heptachlor epoxide	0.50	0.45		1	89	70-130	12/31/2009 1745
Methoxychlor	0.50	0.59		1	119	70-130	12/31/2009 1745

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		70	49-124
Tetrachloro-m-xylene		90	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MS

Sample ID: KL17024-013MS
Batch: 25659
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aldrin	ND	1.1	0.91		1	82	70-130	12/31/2009 1825
alpha-BHC	ND	1.1	0.94		1	84	70-130	12/31/2009 1825
beta-BHC	ND	1.1	0.91		1	82	70-130	12/31/2009 1825
delta-BHC	ND	1.1	1.0		1	90	70-130	12/31/2009 1825
gamma-BHC (Lindane)	ND	1.1	0.94		1	85	70-130	12/31/2009 1825
gamma-Chlordane	ND	1.1	0.95		1	85	70-130	12/31/2009 1825
4,4'-DDD	ND	1.1	1.0		1	92	70-130	12/31/2009 1825
4,4'-DDE	ND	1.1	0.96		1	86	70-130	12/31/2009 1825
4,4'-DDT	ND	1.1	1.0		1	92	70-130	12/31/2009 1825
Dieldrin	ND	1.1	0.99		1	89	70-130	12/31/2009 1825
Endosulfan I	ND	1.1	0.92		1	83	70-130	12/31/2009 1825
Endosulfan II	ND	1.1	1.0		1	91	70-130	12/31/2009 1825
Endosulfan sulfate	ND	1.1	1.0		1	92	70-130	12/31/2009 1825
Endrin	ND	1.1	1.1		1	95	70-130	12/31/2009 1825
Endrin aldehyde	ND	1.1	1.0		1	94	70-130	12/31/2009 1825
Heptachlor	ND	1.1	0.95		1	85	70-130	12/31/2009 1825
Heptachlor epoxide	ND	1.1	0.92		1	83	70-130	12/31/2009 1825
Methoxychlor	ND	1.1	1.3		1	116	70-130	12/31/2009 1825

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		77	49-124
Tetrachloro-m-xylene		83	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MSD

Sample ID: KL17024-013MD
Batch: 25659
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 12/23/2009 1130

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aldrin	ND	1.1	0.96		1	86	4.6	70-130	30	12/31/2009 1845
alpha-BHC	ND	1.1	0.98		1	89	4.8	70-130	30	12/31/2009 1845
beta-BHC	ND	1.1	0.94		1	85	3.8	70-130	30	12/31/2009 1845
delta-BHC	ND	1.1	1.0		1	94	4.6	70-130	30	12/31/2009 1845
gamma-BHC (Lindane)	ND	1.1	0.99		1	89	4.7	70-130	30	12/31/2009 1845
gamma-Chlordane	ND	1.1	0.98		1	88	3.8	70-130	30	12/31/2009 1845
4,4'-DDD	ND	1.1	1.1		1	95	3.0	70-130	30	12/31/2009 1845
4,4'-DDE	ND	1.1	0.99		1	89	3.1	70-130	30	12/31/2009 1845
4,4'-DDT	ND	1.1	1.0		1	93	1.1	70-130	30	12/31/2009 1845
Dieldrin	ND	1.1	1.0		1	93	3.9	70-130	30	12/31/2009 1845
Endosulfan I	ND	1.1	0.96		1	87	4.1	70-130	30	12/31/2009 1845
Endosulfan II	ND	1.1	1.0		1	94	2.8	70-130	30	12/31/2009 1845
Endosulfan sulfate	ND	1.1	1.0		1	94	1.5	70-130	30	12/31/2009 1845
Endrin	ND	1.1	1.1		1	97	2.5	70-130	30	12/31/2009 1845
Endrin aldehyde	ND	1.1	1.1		1	96	2.5	70-130	30	12/31/2009 1845
Heptachlor	ND	1.1	0.99		1	89	4.5	70-130	30	12/31/2009 1845
Heptachlor epoxide	ND	1.1	0.96		1	87	4.0	70-130	30	12/31/2009 1845
Methoxychlor	ND	1.1	1.3		1	115	0.14	70-130	30	12/31/2009 1845

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		78	49-124
Tetrachloro-m-xylene		86	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MB

Sample ID: KQ24095-001
Batch: 24095
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/22/2009 1500

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		1	0.010	0.0040	mg/L	12/29/2009 2159
Barium	ND		1	0.025	0.0075	mg/L	12/29/2009 2159
Cadmium	ND		1	0.0020	0.00060	mg/L	12/29/2009 2159
Chromium	ND		1	0.0050	0.0021	mg/L	12/31/2009 1715
Lead	0.0022	J	1	0.010	0.0019	mg/L	12/29/2009 2159
Selenium	ND		1	0.010	0.0026	mg/L	12/30/2009 2114
Silver	ND		1	0.0050	0.00040	mg/L	12/29/2009 2159

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCS

Sample ID: KQ24095-002
Batch: 24095
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/22/2009 1500

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	0.40	0.42		1	105	80-120	12/29/2009 2205
Barium	2.0	2.2		1	108	80-120	12/29/2009 2205
Cadmium	0.40	0.41		1	102	80-120	12/29/2009 2205
Chromium	2.0	2.2		1	109	80-120	12/31/2009 1721
Lead	0.40	0.37		1	92	80-120	12/29/2009 2205
Selenium	0.40	0.43		1	107	80-120	12/30/2009 2120
Silver	0.40	0.44		1	109	80-120	12/29/2009 2205

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCSD

Sample ID: KQ24095-003
Batch: 24095
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/22/2009 1500

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	0.40	0.42		1	106	0.46	80-120	20	12/29/2009 2211
Barium	2.0	2.2		1	110	1.8	80-120	20	12/29/2009 2211
Cadmium	0.40	0.41		1	103	1.3	80-120	20	12/29/2009 2211
Chromium	2.0	2.2		1	109	0.030	80-120	20	12/31/2009 1727
Lead	0.40	0.40		1	99	7.5	80-120	20	12/29/2009 2211
Selenium	0.40	0.44		1	109	1.9	80-120	20	12/30/2009 2126
Silver	0.40	0.44		1	110	1.2	80-120	20	12/29/2009 2211

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MB

Sample ID: KQ23801-001
Batch: 23801
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.00010	0.000053	mg/L	12/17/2009 2311

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCS

Sample ID: KQ23801-002
Batch: 23801
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0019		1	97	85-115	12/17/2009 2313

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCSD

Sample ID: KQ23801-003
Batch: 23801
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0018		1	88	9.7	85-115	20	12/17/2009 2316

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MB

Sample ID: LQ25665-001
Batch: 25665
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/22/2009 1500

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		1	0.010	0.0040	mg/L	12/29/2009 2159
Barium	ND		1	0.025	0.0075	mg/L	12/29/2009 2159
Cadmium	ND		1	0.0020	0.00060	mg/L	12/29/2009 2159
Chromium	ND		1	0.0050	0.0021	mg/L	12/29/2009 2159
Lead	0.0022	J	1	0.010	0.0019	mg/L	12/29/2009 2159
Selenium	ND		1	0.010	0.0026	mg/L	12/30/2009 2114
Silver	ND		1	0.0050	0.00040	mg/L	12/29/2009 2159

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCS

Sample ID: LQ25665-002
Batch: 25665
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/22/2009 1500

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	0.40	0.42		1	105	80-120	12/29/2009 2205
Barium	2.0	2.2		1	108	80-120	12/29/2009 2205
Cadmium	0.40	0.41		1	102	80-120	12/29/2009 2205
Chromium	2.0	2.1		1	103	80-120	12/29/2009 2205
Lead	0.40	0.37		1	92	80-120	12/29/2009 2205
Selenium	0.40	0.43		1	107	80-120	12/30/2009 2120
Silver	0.40	0.44		1	109	80-120	12/29/2009 2205

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCSD

Sample ID: LQ25665-003
Batch: 25665
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/22/2009 1500

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	0.40	0.42		1	106	0.46	80-120	20	12/29/2009 2211
Barium	2.0	2.2		1	110	1.8	80-120	20	12/29/2009 2211
Cadmium	0.40	0.41		1	103	1.3	80-120	20	12/29/2009 2211
Chromium	2.0	2.1		1	105	1.5	80-120	20	12/29/2009 2211
Lead	0.40	0.40		1	99	7.5	80-120	20	12/29/2009 2211
Selenium	0.40	0.44		1	109	1.9	80-120	20	12/30/2009 2126
Silver	0.40	0.44		1	110	1.2	80-120	20	12/29/2009 2211

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MB

Sample ID: LQ25666-001
Batch: 25666
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/22/2009 1500

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		1	0.010	0.0040	mg/L	12/30/2009 0234
Barium	ND		1	0.025	0.0075	mg/L	12/30/2009 0234
Cadmium	ND		1	0.0020	0.00060	mg/L	12/30/2009 0234
Chromium	0.0038	J	1	0.0050	0.0021	mg/L	12/30/2009 0234
Lead	ND		1	0.010	0.0019	mg/L	12/30/2009 0234
Selenium	0.0034	J	1	0.010	0.0026	mg/L	12/31/2009 0042
Silver	ND		1	0.0050	0.00040	mg/L	12/31/2009 0042

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCS

Sample ID: LQ25666-002
Batch: 25666
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/22/2009 1500

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	0.40	0.39		1	98	80-120	12/30/2009 0240
Barium	2.0	2.1		1	104	80-120	12/30/2009 0240
Cadmium	0.40	0.38		1	95	80-120	12/30/2009 0240
Chromium	2.0	1.9		1	97	80-120	12/30/2009 0240
Lead	0.40	0.37		1	92	80-120	12/30/2009 0240
Selenium	0.40	0.42		1	105	80-120	12/31/2009 0048
Silver	0.40	0.44		1	109	80-120	12/31/2009 0048

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCSD

Sample ID: LQ25666-003
Batch: 25666
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/22/2009 1500

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	0.40	0.39		1	98	0.30	80-120	20	12/30/2009 0245
Barium	2.0	2.1		1	104	0.62	80-120	20	12/30/2009 0245
Cadmium	0.40	0.38		1	95	0.61	80-120	20	12/30/2009 0245
Chromium	2.0	1.9		1	97	0.34	80-120	20	12/30/2009 0245
Lead	0.40	0.35		1	88	4.1	80-120	20	12/30/2009 0245
Selenium	0.40	0.42		1	106	1.3	80-120	20	12/31/2009 0054
Silver	0.40	0.44		1	110	0.80	80-120	20	12/31/2009 0054

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - MB

Sample ID: LQ25667-001
Batch: 25667
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/18/2009 1630

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	ND		1	0.010	0.0040	mg/L	12/19/2009 1830
Barium	ND		1	0.025	0.0075	mg/L	12/19/2009 1830
Cadmium	ND		1	0.0020	0.00060	mg/L	12/19/2009 1830
Chromium	ND		1	0.0050	0.0021	mg/L	12/19/2009 1830
Lead	ND		1	0.010	0.0019	mg/L	12/19/2009 1830
Selenium	ND		1	0.010	0.0026	mg/L	12/19/2009 1830
Silver	0.0014	J	1	0.0050	0.00040	mg/L	12/21/2009 1725

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCS

Sample ID: LQ25667-002
Batch: 25667
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/18/2009 1630

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	0.40	0.43		1	107	80-120	12/19/2009 1834
Barium	2.0	2.1		1	104	80-120	12/19/2009 1834
Cadmium	0.40	0.41		1	103	80-120	12/19/2009 1834
Chromium	2.0	1.9		1	96	80-120	12/19/2009 1834
Lead	0.40	0.43		1	107	80-120	12/19/2009 1834
Selenium	0.40	0.44		1	109	80-120	12/19/2009 1834
Silver	0.40	0.40		1	101	80-120	12/21/2009 1731

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

RCRA Metals - LCSD

Sample ID: LQ25667-003
Batch: 25667
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/18/2009 1630

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	0.40	0.43		1	107	0.52	80-120	20	12/19/2009 1838
Barium	2.0	2.1		1	105	0.74	80-120	20	12/19/2009 1838
Cadmium	0.40	0.42		1	104	1.1	80-120	20	12/19/2009 1838
Chromium	2.0	1.9		1	96	0.30	80-120	20	12/19/2009 1838
Lead	0.40	0.43		1	107	0.0012	80-120	20	12/19/2009 1838
Selenium	0.40	0.44		1	110	1.3	80-120	20	12/19/2009 1838
Silver	0.40	0.40		1	101	0.20	80-120	20	12/21/2009 1736

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MB

Sample ID: LQ25661-001
Batch: 25661
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.00010	0.000053	mg/L	12/17/2009 2311

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCS

Sample ID: LQ25661-002
Batch: 25661
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0019		1	97	85-115	12/17/2009 2313

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCSD

Sample ID: LQ25661-003
Batch: 25661
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0018		1	88	9.7	85-115	20	12/17/2009 2316

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MB

Sample ID: LQ25663-001
Batch: 25663
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.00010	0.000053	mg/L	12/18/2009 0030

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCS

Sample ID: LQ25663-002
Batch: 25663
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0019		1	95	85-115	12/18/2009 0033

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCSD

Sample ID: LQ25663-003
Batch: 25663
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 12/17/2009 2030

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0019		1	96	1.6	85-115	20	12/18/2009 0036

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

SHEALY *Chain of Custody Record*

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 102697

Client: ARCADIS	Report to Contact: Janet Christy	Telephone No. / Fax No. / E-mail: 864-987-3900	Quote No.
Address: 2849 Paces Ferry Rd	Sampler's Signature: x Erica Maddox	Waybill No.	Page 1 of 1
City: Atlanta; State: GA; Zip Code: 30339	Printed Name: Erica Maddox	Analysis (Attach list if more space is needed.)	
Project Name: Hunter - HAA-01			
Project No.: GP08HAFS.H01B.NALTM	P.O. No.		Lot No.: KL17024

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G-Grab C-Composite	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit			VOCs	RCRA Metals	Pesticides	SVOCs							Remarks / Cooler I.D.
HAA01-MW-14 (121609)	12/16/09	1125	X	X			2		1	3					✓	✓	✓								
HAA01-MW-14D (121609)	↓	0905	X	X			2		1	3					✓	✓	✓								
HAA01-MW-13 (121609)	↓	1655	X	X			2		1	3					✓	✓	✓								
COE-MW-08 (121609)	↓	1520	X	X			2		1	3					✓	✓	✓								
COE-MW-07 (121609)	↓	1250	X	X			2		1	3					✓	✓	✓								
TB-01 (121609)	↓	0900	X	X						2															

Maddox 12/16/09

Possible Hazard Identification: X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): X Standard ☐ Rush (Specify)

QC Requirements (Specify):

1. Relinquished by: Maddox	Date: 12/16/09	Time: 1900	1. Received by	Date	Time
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by: FEDEX	Date: 12/17/09	Time: 0850	3. Laboratory received by: [signature]	Date: 12/17/09	Time: 0850
Comments			LAB USE ONLY: Received on ice (Circle) Yes / No ice Pack	Receipt Temp. 4.6 °C	

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 06-04-02

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Page 1 of 1
Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Arcadis Cooler Inspected by/date: EW 12/17/09 Lot #: KL17024

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Airborne Exp ☐ Other

Yes ☑	No ☐	NA ☐	1. Were custody seals present on the cooler?
Yes ☑	No ☐	NA ☐	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 4.6 °C ___/___ °C ___/___ °C ___/___ °C
___/___ °C ___/___ °C ___/___ °C ___/___ °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: ___. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☑	No ☐	NA ☐	4. Is the commercial courier's packing slip attached to this form?
Yes ☐	No ☑	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes ☑	No ☐	NA ☐	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) ___ were received incorrectly preserved and were adjusted accordingly in sample receiving with ___ (HCl/NaOH) with the SR # (number)

Sample(s) ___ We
Sample(s) ___
TKN/cyanide/BNA/pest/PCB/herb.
Toxicity sample(s) ___
analyzed by method 330.5.

FedEx. PRIORITY OVERNIGHT THU
Empl# 73680 22:59 16DEC09
TRK# 8512 1114 4475 FORM 0215
Deliver By: 17DEC09
CAE
29172 - SC - US
XH USCA

Corrective Action taken, if necessary:
Was client notified: Yes ☐ No ☐
SESI employee: ___
Comments: ___

Report of Analysis

ARCADIS U.S., Inc.
30 Patewood Drive
Suite 155
Greenville, SC 29615
Attention: Janet Christy

Project Name: Hunter - HAA01

Project Number: GP08HAFS.H01B.NALTM

Lot Number: KL18009

Date Completed: 01/15/2010

Date Revised: 01/20/2010

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

KL18009

Case Narrative
ARCADIS U.S., Inc.
Lot Number: KL18009

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Pesticides

The sample results associated with a P qualifier have a relative percent difference (RPD) between the two dissimilar phase GC columns which exceeds 40%. In accordance with Section 7.10.4 of SW-846 method 8000B, the higher of the two results is reported. Due to disparity of the two results, it is likely that the reported results are biased high, or maybe a false positive.

The surrogate recovery for both surrogates in sample -004 was outside the acceptance limit, this sample was re-extracted and re-analyzed outside the holding time, yielding the same results. The surrogate recovery is attributed to matrix interference. All sample results are reported and no corrective action is required.
As per SOP requirements, only one of the surrogates has to be within acceptance limits. The sample results are reported and no corrective action is required.

Volatile Organic Compound

The LCS recovery for 1,2,4-Trichlorobenzene was outside method control limits in batch 24494. The LCSD results were within limits. Therefore the associated sample results were reported and no corrective action was required.

Sample -017 was run at a 2X dilution. The extract of this sample was black and viscous.

The surrogate recovery of sample -018 was outside acceptance limits. One bottle for this sample was received broken. No sample remained for re- extraction.

Semivolatile Organic Compounds

The MS/MSD recoveries in batch 24263 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Sample -017 was run at a 2X dilution. The extract of this sample was black and viscous.

The surrogate recovery of sample -018 was outside acceptance limits. One bottle for this sample was received broken. No sample remained for re- extraction.

Sample Summary

ARCADIS U.S., Inc.

Lot Number: KL18009

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	COE-MW-06 (121709)	Aqueous	12/17/2009 0930	12/18/2009
002	COE-MW-05 (121709)	Aqueous	12/17/2009 1105	12/18/2009
003	HAA01-MW-11 (121709)	Aqueous	12/17/2009 1220	12/18/2009
004	HAA01-MW-12 (121709)	Aqueous	12/17/2009 1330	12/18/2009
005	HAA01-MW-12D (121709)	Aqueous	12/17/2009 1510	12/18/2009
006	TB1(121709)	Aqueous	12/17/2009 0800	12/18/2009
007	HMW-10 (121709)	Aqueous	12/17/2009 1046	12/18/2009
008	HAA01-MW-15 (121709)	Aqueous	12/17/2009 1225	12/18/2009
009	COE-MW-4 (121709)	Aqueous	12/17/2009 1355	12/18/2009
010	HMW-13 (121709)	Aqueous	12/17/2009 1521	12/18/2009
011	TB-02(121709)	Aqueous	12/17/2009 1000	12/18/2009
012	HAA01-MW-10 (121709)	Aqueous	12/17/2009 1650	01/18/2010
013	HMW21 (121709)	Aqueous	12/17/2009 1655	01/18/2010
014	TB-04 (121709)	Aqueous	12/17/2009 1600	01/18/2010
015	HMW-4 (121709)	Aqueous	12/17/2009 0920	01/18/2010
016	HAA01-MW-17 (121709)	Aqueous	12/17/2009 1150	01/18/2010
017	HMW-24 (121709)	Aqueous	12/17/2009 1315	01/18/2010
018	HMW-23 (121709)	Aqueous	12/17/2009 1420	01/18/2010
019	HMW-6 (121709)	Aqueous	12/17/2009 1540	01/18/2010
020	HAA01-MW-16 (121709)	Aqueous	12/17/2009 0923	01/18/2010
021	TB-03 (121709)	Aqueous	12/17/2009 0900	01/18/2010

(21 samples)

Executive Summary
ARCADIS U.S., Inc.
Lot Number: KL18009

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	COE-MW-06 (121709)	Aqueous	Acetone	8260B	4.6	J	ug/L	7
001	COE-MW-06 (121709)	Aqueous	Benzene	8260B	0.24	J	ug/L	7
001	COE-MW-06 (121709)	Aqueous	Carbon disulfide	8260B	0.14	J	ug/L	7
001	COE-MW-06 (121709)	Aqueous	trans-1,2-Dichloroethene	8260B	0.60		ug/L	7
001	COE-MW-06 (121709)	Aqueous	1,1-Dichloroethene	8260B	0.76		ug/L	7
001	COE-MW-06 (121709)	Aqueous	cis-1,2-Dichloroethene	8260B	240		ug/L	7
001	COE-MW-06 (121709)	Aqueous	2-Hexanone	8260B	0.30	J	ug/L	7
001	COE-MW-06 (121709)	Aqueous	Barium	6010C	0.036		mg/L	11
001	COE-MW-06 (121709)	Aqueous	Chromium	6010C	0.0033	J	mg/L	11
001	COE-MW-06 (121709)	Aqueous	Silver	6010C	0.0014	J	mg/L	11
002	COE-MW-05 (121709)	Aqueous	Benzene	8260B	0.18	J	ug/L	12
002	COE-MW-05 (121709)	Aqueous	trans-1,2-Dichloroethene	8260B	0.29	J	ug/L	12
002	COE-MW-05 (121709)	Aqueous	cis-1,2-Dichloroethene	8260B	69		ug/L	12
002	COE-MW-05 (121709)	Aqueous	2-Hexanone	8260B	1.2	J	ug/L	12
002	COE-MW-05 (121709)	Aqueous	Vinyl chloride	8260B	0.75		ug/L	13
002	COE-MW-05 (121709)	Aqueous	Barium	6010C	0.047		mg/L	16
002	COE-MW-05 (121709)	Aqueous	Chromium	6010C	0.0033	J	mg/L	16
002	COE-MW-05 (121709)	Aqueous	Silver	6010C	0.0020	J	mg/L	16
003	HAA01-MW-11 (121709)	Aqueous	Acetone	8260B	8.2	J	ug/L	17
003	HAA01-MW-11 (121709)	Aqueous	Carbon disulfide	8260B	0.10	J	ug/L	17
003	HAA01-MW-11 (121709)	Aqueous	Mercury	7470A	0.000059	J	mg/L	20
003	HAA01-MW-11 (121709)	Aqueous	Barium	6010C	0.058		mg/L	21
003	HAA01-MW-11 (121709)	Aqueous	Chromium	6010C	0.0073		mg/L	21
003	HAA01-MW-11 (121709)	Aqueous	Silver	6010C	0.0018	J	mg/L	21
004	HAA01-MW-12 (121709)	Aqueous	Acetone	8260B	70		ug/L	22
004	HAA01-MW-12 (121709)	Aqueous	Carbon disulfide	8260B	0.15	J	ug/L	22
004	HAA01-MW-12 (121709)	Aqueous	Barium	6010C	0.094		mg/L	27
004	HAA01-MW-12 (121709)	Aqueous	Chromium	6010C	0.0029	J	mg/L	27
005	HAA01-MW-12D (121709)	Aqueous	Acetone	8260B	3.1	J	ug/L	28
005	HAA01-MW-12D (121709)	Aqueous	Carbon disulfide	8260B	0.45	J	ug/L	28
005	HAA01-MW-12D (121709)	Aqueous	Barium	6010C	0.0094	J	mg/L	32
005	HAA01-MW-12D (121709)	Aqueous	Chromium	6010C	0.0024	J	mg/L	32
005	HAA01-MW-12D (121709)	Aqueous	Lead	6010C	0.0028	J	mg/L	32
005	HAA01-MW-12D (121709)	Aqueous	Silver	6010C	0.0013	J	mg/L	32
006	TB1(121709)	Aqueous	Acetone	8260B	2.1	J	ug/L	33
007	HMW-10 (121709)	Aqueous	Acetone	8260B	3.2	J	ug/L	35
007	HMW-10 (121709)	Aqueous	2-Hexanone	8260B	0.30	J	ug/L	35
008	HAA01-MW-15 (121709)	Aqueous	Acetone	8260B	4.7	J	ug/L	39
008	HAA01-MW-15 (121709)	Aqueous	Barium	6010C	0.078		mg/L	43
008	HAA01-MW-15 (121709)	Aqueous	Chromium	6010C	0.0042	J	mg/L	43
009	COE-MW-4 (121709)	Aqueous	Acetone	8260B	14	J	ug/L	44
009	COE-MW-4 (121709)	Aqueous	Benzene	8260B	2.3		ug/L	44
009	COE-MW-4 (121709)	Aqueous	Carbon disulfide	8260B	0.28	J	ug/L	44
009	COE-MW-4 (121709)	Aqueous	trans-1,2-Dichloroethene	8260B	9.3		ug/L	44
009	COE-MW-4 (121709)	Aqueous	1,1-Dichloroethene	8260B	2.4		ug/L	44

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
009	COE-MW-4 (121709)	Aqueous	cis-1,2-Dichloroethene	8260B	1400		ug/L	44
009	COE-MW-4 (121709)	Aqueous	2-Hexanone	8260B	2.5	J	ug/L	44
009	COE-MW-4 (121709)	Aqueous	Toluene	8260B	0.75	J	ug/L	44
009	COE-MW-4 (121709)	Aqueous	Trichloroethene	8260B	0.98	J	ug/L	45
009	COE-MW-4 (121709)	Aqueous	Vinyl chloride	8260B	86		ug/L	45
009	COE-MW-4 (121709)	Aqueous	Xylenes (total)	8260B	1.1		ug/L	45
009	COE-MW-4 (121709)	Aqueous	Barium	6010C	0.020	J	mg/L	48
009	COE-MW-4 (121709)	Aqueous	Chromium	6010C	0.0032	J	mg/L	48
009	COE-MW-4 (121709)	Aqueous	Selenium	6010C	0.0026	J	mg/L	48
009	COE-MW-4 (121709)	Aqueous	Silver	6010C	0.0026	J	mg/L	48
010	HMW-13 (121709)	Aqueous	Acetone	8260B	490		ug/L	49
010	HMW-13 (121709)	Aqueous	Benzene	8260B	56		ug/L	49
010	HMW-13 (121709)	Aqueous	Cyclohexane	8260B	130		ug/L	49
010	HMW-13 (121709)	Aqueous	Ethylbenzene	8260B	56		ug/L	49
010	HMW-13 (121709)	Aqueous	Isopropylbenzene	8260B	86		ug/L	49
010	HMW-13 (121709)	Aqueous	4-Methyl-2-pentanone	8260B	2.4	J	ug/L	49
010	HMW-13 (121709)	Aqueous	Methylcyclohexane	8260B	160		ug/L	49
010	HMW-13 (121709)	Aqueous	1,1,2,2-Tetrachloroethane	8260B	0.84		ug/L	49
010	HMW-13 (121709)	Aqueous	Toluene	8260B	0.48	J	ug/L	49
010	HMW-13 (121709)	Aqueous	Xylenes (total)	8260B	61		ug/L	50
010	HMW-13 (121709)	Aqueous	Benzo(b)fluoranthene	8270D	0.25	J	ug/L	51
010	HMW-13 (121709)	Aqueous	Benzo(g,h,i)perylene	8270D	0.78	J	ug/L	51
010	HMW-13 (121709)	Aqueous	Benzo(k)fluoranthene	8270D	0.12	J	ug/L	51
010	HMW-13 (121709)	Aqueous	Indeno(1,2,3-c,d)pyrene	8270D	0.43	J	ug/L	52
010	HMW-13 (121709)	Aqueous	2-Methylnaphthalene	8270D	22		ug/L	52
010	HMW-13 (121709)	Aqueous	3 & 4-Methylphenol	8270D	9.9		ug/L	52
010	HMW-13 (121709)	Aqueous	Naphthalene	8270D	100		ug/L	52
011	TB-02(121709)	Aqueous	Acetone	8260B	22		ug/L	53
012	HAA01-MW-10 (121709)	Aqueous	Acetone	8260B	4.6	J	ug/L	55
012	HAA01-MW-10 (121709)	Aqueous	Arsenic	6010C	0.0048	J	mg/L	60
012	HAA01-MW-10 (121709)	Aqueous	Barium	6010C	0.094		mg/L	60
012	HAA01-MW-10 (121709)	Aqueous	Chromium	6010C	0.0063		mg/L	60
012	HAA01-MW-10 (121709)	Aqueous	Silver	6010C	0.0017	J	mg/L	60
013	HMW21 (121709)	Aqueous	Acetone	8260B	7.7	J	ug/L	61
013	HMW21 (121709)	Aqueous	Benzene	8260B	0.98	J	ug/L	61
013	HMW21 (121709)	Aqueous	trans-1,2-Dichloroethene	8260B	3.5		ug/L	61
013	HMW21 (121709)	Aqueous	1,1-Dichloroethene	8260B	2.7		ug/L	61
013	HMW21 (121709)	Aqueous	cis-1,2-Dichloroethene	8260B	1200		ug/L	61
013	HMW21 (121709)	Aqueous	Endrin aldehyde	8081B	0.0045	J	ug/L	63
013	HMW21 (121709)	Aqueous	Barium	6010C	0.024	J	mg/L	65
014	TB-04 (121709)	Aqueous	Acetone	8260B	2.6	J	ug/L	66
015	HMW-4 (121709)	Aqueous	Acetone	8260B	2.4	J	ug/L	68
016	HAA01-MW-17 (121709)	Aqueous	Acetone	8260B	5.6	J	ug/L	70
017	HMW-24 (121709)	Aqueous	Acetone	8260B	9.4	J	ug/L	72
017	HMW-24 (121709)	Aqueous	Benzene	8260B	4.9		ug/L	72
017	HMW-24 (121709)	Aqueous	Ethylbenzene	8260B	2.1		ug/L	72
017	HMW-24 (121709)	Aqueous	2-Hexanone	8260B	5.1	J	ug/L	72
017	HMW-24 (121709)	Aqueous	Isopropylbenzene	8260B	3.1		ug/L	72

Executive Summary (Continued)

Lot Number: KL18009

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
017	HMW-24 (121709)	Aqueous	2-Methylnaphthalene	8270D	0.40	J	ug/L	75
017	HMW-24 (121709)	Aqueous	Naphthalene	8270D	3.2		ug/L	75
018	HMW-23 (121709)	Aqueous	4-Chloroaniline	8270D	25		ug/L	76
018	HMW-23 (121709)	Aqueous	2-Methylnaphthalene	8270D	9.7		ug/L	77
018	HMW-23 (121709)	Aqueous	Naphthalene	8270D	58		ug/L	77
019	HMW-6 (121709)	Aqueous	Acetone	8260B	1.8	J	ug/L	78
020	HAA01-MW-16 (121709)	Aqueous	Acetone	8260B	2.1	J	ug/L	82
020	HAA01-MW-16 (121709)	Aqueous	Barium	6010C	0.072		mg/L	88
021	TB-03 (121709)	Aqueous	Acetone	8260B	1.2	J	ug/L	89

(102 detections)

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Description: COE-MW-06 (121709)
Date Sampled: 12/17/2009 0930
Date Received: 12/18/2009

Laboratory ID: KL18009-001
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 1958	RRH		24459

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	4.6	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	0.24	J	0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.14	J	0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	0.60		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	0.76		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	240		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	0.30	J	10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: KL18009-001
Description: COE-MW-06 (121709)
Matrix: Aqueous
Date Sampled: 12/17/2009 0930
Date Received: 12/18/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2009 1958	RRH		24459

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Organochlorine Pesticides by GC

Client: ARCADIS U.S., Inc.
Description: COE-MW-06 (121709)
Date Sampled: 12/17/2009 0930
Date Received: 12/18/2009

Laboratory ID: KL18009-001
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	01/01/2010 0020	NCM	12/23/2009 1413	24180

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	0.0020	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	0.0030	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	0.019	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	0.0081	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	0.0051	ug/L	1
alpha-Chlordane	5103-71-9	8081B	ND		0.025	0.0030	ug/L	1
gamma-Chlordane	5103-74-2	8081B	ND		0.025	0.0030	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	0.0061	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	0.0061	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	0.0030	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	0.0040	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	0.0061	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	0.024	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	0.0030	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	0.0051	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	0.0030	ug/L	1
Endrin ketone	53494-70-5	8081B	ND		0.025	0.0040	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	0.020	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	0.0030	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	0.014	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	0.030	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		72	49-124
Tetrachloro-m-xylene		76	58-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ARCADIS U.S., Inc.
Laboratory ID: KL18009-001
Description: COE-MW-06 (121709)
Matrix: Aqueous
Date Sampled: 12/17/2009 0930
Date Received: 12/18/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/21/2009 2254	BNW	12/21/2009 1535	24024

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
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