

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Adams County
Address

Sampled By JKS
Scope I.D. 86A22
Billing Line No. 2
Liaison T. Ryan
Supply Order No.
Result Sheet No. 34584.00

Name of Rep.
Telephone No. (000) 000-0000

Sample I.D. Drilling
Water Used

Date Collected

Date Received 6/16/86

Parameters, units

Results

C.O.D., mg/l < 5

Alkalinity, mg/l 60

Hardness, mg/l 80

Chloride, mg/l 7

Dis. Iron, mg/l < 0.14

pH, s.u. (field) 6.04

Spec. Cond. (field)* 158

comments: * Specific Conductivity reported as micro-mhos./cm. at 25 degrees celsius.

Signed:

Donald J. Berg

Date:

10/11/86

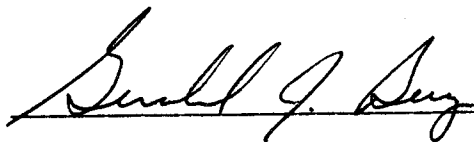
FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client	Adams County	Sampled By	MJH
Address		Scope I.D.	
		Billing Line No.	
		Liaison	TGR
Name of Rep.		Supply Order No.	
Telephone No.	(000) 000-0000	Result Sheet No.	34748.01

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-8
Date Collected	7/1/86	7/1/86	7/1/86	7/1/86	7/1/86
Date Received	7/2/86	7/2/86	7/2/86	7/2/86	7/2/86
Parameters, units	Results				
C.O.D., mg/l	151	96	59	226	91
Hardness, mg/l	213	202	193	86	183
Alkalinity, mg/l	174	125	159	77	161
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cd, mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hg, ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
NO3-NO2, mg/l	0.15	0.08	0.07	< 0.05	0.32
F, mg/l	0.12	< 0.1	< 0.1	< 0.1	< 0.1
Cl, mg/l	1	1	< 1	< 1	< 1
Cu, mg/l	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Comments:					

Signed:



Date:

8/27/86

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Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Address Adams County
Name of Rep. Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison TGR
Supply Order No.
Result Sheet No. 34748.04

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-8
Date Collected	7/1/86	7/1/86	7/1/86	7/1/86	7/1/86
Date Received	7/2/86	7/2/86	7/2/86	7/2/86	7/2/86
Parameters, units	----- Results -----				
Mn, mg/l	< 0.05	< 0.05	< 0.05	1.5	< 0.05
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	18	11	19	8	10
TDS, mg/l	212	120	140	70	192
Diss. Fe, mg/l	0.23	0.14	0.19	0.19	0.13

comments:

Signed:

Donald J. Berg

Date:

8/27/86

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Address	Adams County	Sampled By	MJH
Name of Rep.		Scope I.D.	
Telephone No.	(000) 000-0000	Billing Line No.	
		Liaison	TGR
		Supply Order No.	
		Result Sheet No.	34748.02

Sample I.D.	MW-6	MW-6P	MW-7	MW-7P	MW-9
Date Collected	7/1/86	7/1/86	7/1/86	7/1/86	7/1/86
Date Received	7/2/86	7/2/86	7/2/86	7/2/86	7/2/86
Parameters, units	Results				
C.O.D., mg/l	10	< 5	< 5	< 5	16
Hardness, mg/l	91	185	160	99	198
Alkalinity, mg/l	70	197	132	115	178
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cd, mg/l	< 0.001	0.001	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hg, ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
NO3-NO2, mg/l	< 0.05	0.23	0.14	0.07	< 0.05
F, mg/l	< 0.1	0.21	< 0.1	0.14	< 0.1
Cl, mg/l	< 1	2	< 1	< 1	< 1
Cu, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
comments:					

Signed:

Donald J. Berg

Date:

8/27/86

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Engineers/Architects
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P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Address Adams County
Sampled By MJH
Scope I.D.
Billing Line No.
Liaison TGR
Name of Rep. Supply Order No.
Telephone No. (000) 000-0000 Result Sheet No. 34748.03

Sample I.D.	MW-6	MW-6P	MW-7	MW-7P	MW-9
Date Collected	7/1/86	7/1/86	7/1/86	7/1/86	7/1/86
Date Received	7/2/86	7/2/86	7/2/86	7/2/86	7/2/86
Parameters, units	----- Results -----				
Mn, mg/l	< 0.05	0.07	< 0.05	0.06	< 0.05
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	7	22	10	13	7
TDS, mg/l	68	208	120	108	204
Diss. Fe, mg/l	0.26	0.11	0.16	0.20	< 0.10

comments:

Signed:

Donald J. Berg

Date:

8/27/86



ZIMPRO INC.
ENVIRONMENTAL & ENERGY SYSTEMS

July 15, 1986

Foth & VanDyke Engineers, Inc.
2737 S. Ridge Rd.
P.O. Box 11997
Green Bay, WI 54307-1997

Attn: Mike Hastreiter

Re: Adams County

Attached are the VOC results for the July 1, 1986 samples from Adams County. EPA Method 601 with PID (10.2 eV) and Hall detectors in series was used for the analysis. Also attached is the chain of custody record.

If you have any questions, please call.

Sincerely,

ZIMPRO INC.



Mary C. Christie Heuser
Instrumentation Chemist

MCCH/lis

cc: J.W. Barr
J.R. Salkowski

Foth & VanDyke
VOC Analysis (ug/l)
Adams County

	Detection Limit	MW-1	MW-2	MW-3	MW-3P	MW-6	MW-6P
Benzene	0.2	X	X	X	X	X	X
Bromoform	0.5	X	X	X	X	X	X
Bromomethane	1.0	X	X	X	X	X	X
Carbon Tetrachloride	0.1	X	X	X	X	X	X
Chlorobenzene	0.1	X	X	X	X	X	X
Chloroethane	1.0	X	X	X	X	X	X
2-Chloroethylvinyl Ether	2.0	X	X	X	X	X	X
Chloroform	0.1	X	0.1	X	X	X	X
Chloromethane	6.0	X	X	X	X	X	X
Dibromochloromethane	0.1	X	X	X	X	X	X
1,2-Dichlorobenzene	0.3	X	X	X	X	X	X
1,3-Dichlorobenzene	0.3	X	X	X	X	X	X
1,4-Dichlorobenzene	0.3	X	X	X	X	X	X
Dichlorobromomethane	0.1	X	X	X	X	X	X
1,1-Dichloroethane	0.1	X	X	X	X	X	X
1,2-Dichloroethane	0.3	X	X	X	X	X	X
1,1-Dichloroethylene	1.0	X	X	X	X	X	X
1,2-Dichloroethylene	0.3	X	X	X	X	X	X
Dichloromethane	0.2	X	X	0.2	0.2	X	X
1,2-Dichloropropane	0.5	X	X	X	X	X	X
cis-1,3-Dichloropropene	0.3	X	X	X	X	X	X
trans-1,3-Dichloropropene	1.0	X	X	X	X	X	X
Ethylbenzene	0.2	X	X	X	X	X	X
1,1,2,2-Tetrachloroethane	0.1	X	X	X	X	X	X
Tetrachloroethylene	0.1	X	X	X	X	X	X
Toluene	0.1	X	X	X	X	X	X
1,1,1-Trichloroethane	0.1	X	X	X	X	X	X
1,1,2-Trichloroethane	0.1	X	X	X	X	X	X
Trichloroethylene	0.1	X	X	X	X	X	X
Vinyl Chloride	2.0	X	X	X	X	X	X
Trichlorofluoromethane	0.2	X	X	X	X	X	X
Dichlorodifluoromethane	2.0	X	X	X	X	X	X
Zimpro Analytical No.		19842	19843	19844	19845	19846	19847

X = Analyzed but not detected

Foth & VanDyke
VOC Analysis (ug/l)
Adams County

	Detection Limit	MW-7	MW-7P	MW-8	MW-9	Field Blank	Trip Blank
Benzene	0.2	X	X	X	X	X	X
Bromoform	0.5	X	X	X	X	X	X
Bromomethane	1.0	X	X	X	X	X	X
Carbon Tetrachloride	0.1	X	X	X	X	X	X
Chlorobenzene	0.1	X	X	X	X	X	X
Chloroethane	1.0	X	X	X	X	X	X
Chloroethylvinyl Ether	2.0	X	X	X	X	X	X
Chloroform	0.1	X	X	X	X	X	0.1
Chloromethane	6.0	X	X	X	X	X	X
Bromochloromethane	0.1	X	X	X	X	X	X
1,2-Dichlorobenzene	0.3	X	X	X	X	X	X
1,3-Dichlorobenzene	0.3	X	X	X	X	X	X
1,4-Dichlorobenzene	0.3	X	X	X	X	X	X
Chlorobromomethane	0.1	X	X	X	X	X	X
1,1-Dichloroethane	0.1	X	X	X	X	X	X
1,2-Dichloroethane	0.3	X	X	X	X	X	X
1,1-Dichloroethylene	1.0	X	X	X	X	X	X
1,2-Dichloroethylene	0.3	X	X	X	X	X	X
Dichloromethane	0.2	X	X	X	X	0.5	X
1,2-Dichloropropane	0.5	X	X	X	X	X	X
cis-1,3-Dichloropropene	0.3	X	X	X	X	X	X
trans-1,3-Dichloropropene	1.0	X	X	X	X	X	X
Ethylbenzene	0.2	X	X	X	X	X	X
1,1,2,2-Tetrachloroethane	0.1	X	X	X	X	X	X
Tetrachloroethylene	0.1	X	X	X	X	X	X
Toluene	0.1	X	X	X	X	0.6	X
1,1,1-Trichloroethane	0.1	X	X	X	X	X	X
1,1,2-Trichloroethane	0.1	X	X	X	X	X	X
Trichloroethylene	0.1	X	X	X	X	X	X
Vinyl Chloride	2.0	X	X	X	X	X	X
Dichlorofluoromethane	0.2	X	X	X	X	X	X
Dichlorodifluoromethane	2.0	X	X	X	X	X	X
Zimpro Analytical No.		19848	19849	19850	19851	19852	19853

X = Analyzed but not detected

Foth & VanDyke
Adams Co.
VOC Analysis (ug/l)

	Detection Limit	MW-16	MW-17	MW-18	MW-18P	Field Blank
Benzene	0.2	X	X	X	X	0.3
Bromoform	0.5	X	X	X	X	X
Bromomethane	1.0	X	X	X	X	X
Carbon Tetrachloride	0.1	X	X	X	X	X
Chlorobenzene	0.1	X	X	X	X	X
Chloroethane	1.0	X	X	X	X	X
2-Chloroethylvinyl Ether	2.0	X	X	X	X	X
Chloroform	0.1	X	X	X	X	X
Chloromethane	6.0	X	X	X	X	X
Dibromochloromethane	0.1	X	X	X	X	X
1,2-Dichlorobenzene	0.3	X	X	X	X	X
1,3-Dichlorobenzene	0.3	X	X	X	X	X
1,4-Dichlorobenzene	0.3	X	X	X	X	X
Dichlorobromomethane	0.1	X	X	X	X	X
1,1-Dichloroethane	0.1	X	X	X	X	X
1,2-Dichloroethane	0.3	X	X	X	X	X
1,1-Dichloroethylene	1.0	X	X	X	X	X
1,2-Dichloroethylene	0.3	X	X	X	X	X
Dichloromethane	0.2	X	X	X	X	0.4
1,2-Dichloropropane	0.5	X	X	X	X	X
cis-1,3-Dichloropropene	0.3	X	X	X	X	X
trans-1,3-Dichloropropene	1.0	X	X	X	X	X
Ethylbenzene	0.2	X	X	X	X	X
1,1,2,2-Tetrachloroethane	0.1	X	X	X	X	X
Tetrachloroethylene	0.1	X	X	X	X	X
Toluene	0.1	X	X	X	X	0.5
1,1,1-Trichloroethane	0.1	X	X	X	X	X
1,1,2-Trichloroethane	0.1	X	X	X	X	X
Trichloroethylene	0.1	X	X	X	X	X
Vinyl Chloride	2.0	X	X	X	X	X
Trichlorofluoromethane	0.2	X	X	X	X	X
Dichlorodifluoromethane	2.0	X	X	X	X	X
Zimpro Analytical No.		22366	22367	22368	22369	22370

X = Analyzed but not detected

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Adams County Sampled By MJH
Address Scope I.D. 86A22
 Billing Line No. 3
 Liaison T. Ryan
Name of Rep. Supply Order No.
Telephone No. (000) 000-0000 Result Sheet No. 35128.01

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-6
Date Collected	10/1/86	10/1/86	10/1/86	10/1/86	10/1/86
Date Received	10/2/86	10/2/86	10/2/86	10/2/86	10/2/86
Parameters, units	----- Results -----				
C.O.D., mg/l	14	< 5	< 5	20	< 5
Hardness, mg/l	200	160	190	90	90
Alkalinity, mg/l	170	120	180	100	80
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
NO ₃ , mg/l	0.26	< 0.05	< 0.05	0.05	< 0.05
F, mg/l	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Cl, mg/l	2	1	1	1	1
Cu, mg/l	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
comments:					

Signed: _____

Donald J. Berg

Date: _____

11/11/86

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Adams County Sampled By MJH
Address Scope I.D. 86A22
 Billing Line No. 3
 Liaison T. Ryan
Name of Rep. Supply Order No.
Telephone No. (000) 000-0000 Result Sheet No. 35128.06

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-6
Date Collected	10/1/86	10/1/86	10/1/86	10/1/86	10/1/86
Date Received	10/2/86	10/2/86	10/2/86	10/2/86	10/2/86

Parameters, units	----- Results -----				
Mn, mg/l	< 0.05	< 0.05	< 0.05	0.11	< 0.05
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	14	8	13	9	7
TDS, mg/l	236	164	280	112	80
Fe, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed: *Samuel J. Berg* Date: 11/11/86

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D. 86A22
Billing Line No. 3
Liaison T. Ryan
Supply Order No.
Result Sheet No. 35128.02

Sample I.D.	MW-6P	MW-7	MW-7P	MW-8	MW-9
Date Collected	10/1/86	10/1/86	10/1/86	10/1/86	10/1/86
Date Received	10/2/86	10/2/86	10/2/86	10/2/86	10/2/86
Parameters, units	Results				
C.O.D., mg/l	6	< 5	6	< 5	< 5
Hardness, mg/l	200	170	130	190	200
Alkalinity, mg/l	200	140	100	170	180
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
NO ₃ , mg/l	0.15	0.22	0.06	< 0.05	< 0.05
F, mg/l	0.13	< 0.1	< 0.1	< 0.1	< 0.1
Cl, mg/l	1	1	1	1	1
Cu, mg/l	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08

comments:

Signed:

Samuel J. Berg

Date:

11/11/86

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Address Adams County
Sampled By MJH
Scope I.D. 86A22
Billing Line No. 3
Liaison T. Ryan
Name of Rep. Supply Order No.
Telephone No. (000) 000-0000 Result Sheet No. 35128.05

Sample I.D.	MW-6P	MW-7	MW-7P	MW-8	MW-9
Date Collected	10/1/86	10/1/86	10/1/86	10/1/86	10/1/86
Date Received	10/2/86	10/2/86	10/2/86	10/2/86	10/2/86

Parameters, units	Results				
Mn, mg/l	0.20	< 0.05	0.08	< 0.05	< 0.05
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	22	11	13	11	9
TDS, mg/l	268	168	152	190	204
Fe, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed: Saul J. Berg Date: 11/11/86

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No. 3
Liaison T. Ryan
Supply Order No.
Result Sheet No. 35128.03

Sample I.D.	MW-16	MW-17	MW-18	MW-18P
Date Collected	10/1/86	10/1/86	10/1/86	10/1/86
Date Received	10/2/86	10/2/86	10/2/86	10/2/86
Parameters, units	Results			
C.O.D., mg/l	< 5	< 5	< 5	< 5
Hardness, mg/l	210	160	210	100
Alkalinity, mg/l	190	190	190	130
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	< 0.001	< 0.001	< 0.001	0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.001	< 0.001	< 0.001	< 0.001
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
NO3, mg/l	< 0.05	0.05	< 0.05	4.5
F, mg/l	< 0.1	< 0.1	< 0.1	< 0.1
Cl, mg/l	2	1	1	2
Cu, mg/l	< 0.08	< 0.08	< 0.08	< 0.08
comments:				

Signed:

Garold J. Berg

Date:

11/11/86

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D. 86A22
Billing Line No. 3
Liaison T. Ryan
Supply Order No.
Result Sheet No. 35128.04

Sample I.D.	MW-16	MW-17	MW-18	MW-18P
Date Collected	10/1/86	10/1/86	10/1/86	10/1/86
Date Received	10/2/86	10/2/86	10/2/86	10/2/86

Parameters, units	Results			
Mn, mg/l	< 0.05	< 0.05	< 0.05	0.10
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	11	9	15	23
TDS, mg/l	220	168	204	220
Fe, mg/l	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed: *Samuel J. Berg* Date: 11/11/86

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison TGR
Supply Order No.
Result Sheet No. 35496.06

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-6
Date Collected	12/30/86	12/30/86	12/30/86	12/30/86	12/30/86
Date Received	12/31/86	12/31/86	12/31/86	12/31/86	12/30/86
Parameters, units	Results				
C.O.D., mg/l	7	7	10	23	14
Hardness, mg/l	170	140	170	100	90
Alkalinity, mg/l	130	130	170	100	82
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
NO2+NO3-N, mg/l	0.20	< 0.05	< 0.05	< 0.05	< 0.05
F, mg/l	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Cl, mg/l	6	4	54	2	4
Cu, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
comments:					

Signed:



Date:

2/2/87

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County Sampled By MJH
Address Scope I.D.
 Billing Line No.
 Liaison TGR
Name of Rep. Supply Order No.
Telephone No. (000) 000-0000 Result Sheet No. 35496.01

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-6
Date Collected	12/30/86	12/30/86	12/30/86	12/30/86	12/30/86
Date Received	12/31/86	12/31/86	12/31/86	12/31/86	12/31/86

Parameters, units	Results				
Mg, mg/l	27	16	21	11	8.0
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	15	8	12	8	6
TDS, mg/l	252	156	170	104	104
Fe, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed: *Emmet J. Sney* Date: 1/30/87

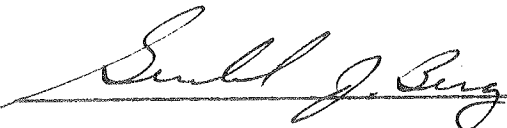
FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client	Adams County	Sampled By	MJH
Address		Scope I.D.	
		Billing Line No.	
		Liaison	TGR
Name of Rep.		Supply Order No.	
Telephone No.	(000) 000-0000	Result Sheet No.	35496.05

Sample I.D.	MW-6P	MW-7	MW-7P	MW-8	MW-9
Date Collected	12/30/86	12/30/86	12/30/86	12/30/86	12/30/86
Date Received	12/31/86	12/31/86	12/31/86	12/31/86	12/30/86
Parameters, units	Results				
C.O.D., mg/l	22	14	13	10	< 5
Hardness, mg/l	210	150	120	150	180
Alkalinity, mg/l	200	150	110	150	200
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	< 0.001	0.004	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
NO2+NO3-N, mg/l	< 0.05	0.27	< 0.05	< 0.05	< 0.05
F, mg/l	0.1	0.1	0.1	< 0.1	0.1
Cl, mg/l	4	4	4	4	4
Cu, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed:  Date: 2/2/87

FOTH AND VAN DYKE
Engineers/Architects
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P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

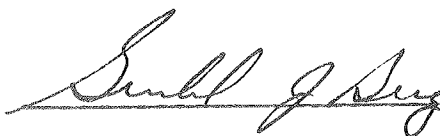
Sampled By MJH
Scope I.D.
Billing Line No.
Liaison TGR
Supply Order No.
Result Sheet No. 35496.02

Sample I.D.	MW-6P	MW-7	MW-7P	MW-8	MW-9
Date Collected	12/30/86	12/30/86	12/30/86	12/30/86	12/30/86
Date Received	12/31/86	12/31/86	12/31/86	12/31/86	12/31/86

Parameters, units	Results				
Mg, mg/l	24	18	14	19	22
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	15	10	10	9	9
TDS, mg/l	240	192	112	156	216
Fe, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed:



Date: 1/30/87

FOTH AND VAN DYKE
Engineers/Architects
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Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison TGR
Supply Order No.
Result Sheet No. 35496.04

Sample I.D.	MW-16	MW-17	MW-18	MW-18P
Date Collected	12/30/86	12/30/86	12/30/86	12/30/86
Date Received	12/31/86	12/31/86	12/31/86	12/31/86
Parameters, units	Results			
C.O.D., mg/l	14	11	< 5	18
Hardness, mg/l	160	120	190	120
Alkalinity, mg/l	210	110	170	140
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	< 0.001	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
NO2+NO3-N, mg/l	< 0.05	0.15	< 0.05	0.36
F, mg/l	< 0.1	0.2	0.1	< 0.1
Cl, mg/l	5	4	5	5
Cu, mg/l	< 0.10	< 0.10	< 0.10	< 0.10
comments:				

Signed:

Donald J. Ray

Date:

2/2/87

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison TGR
Supply Order No.
Result Sheet No. 35496.03

Name of Rep.
Telephone No. (000) 000-0000

Sample I.D.	MW-16	MW-17	MW-18	MW-18P
Date Collected	12/30/86	12/30/86	12/30/86	12/30/86
Date Received	12/31/86	12/31/86	12/31/86	12/31/86

Parameters, units

Results

Mg, mg/l	22	13	20	12
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	11	15	16	16
TDS, mg/l	216	128	180	240
Fe, mg/l	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed:

Smith J. Long

Date:

1/30/87

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 35881.01

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-6
Date Collected	3/17/87	3/17/87	3/17/87	3/17/87	3/17/87
Date Received	3/18/87	3/18/87	3/18/87	3/18/87	3/18/87
Parameters, units	Results				
C.O.D., mg/l	< 5	< 5	< 5	10	14
Hardness, mg/l	180	130	170	80	80
Alkalinity, mg/l	170	130	160	70	70
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
NO2+NO3-N, mg/l	0.16	< 0.05	< 0.05	< 0.05	< 0.05
F, mg/l	0.19	0.16	0.19	0.19	0.19
Cl, mg/l	< 1	< 1	< 1	< 1	< 1
Cu, mg/l	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
comments:					

Signed: David Turriff Date: April 16, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County Sampled By MJH
Address Scope I.D.
Billing Line No.
Liaison T. Ryan
Name of Rep. Supply Order No.
Telephone No. (000) 000-0000 Result Sheet No. 35881.06

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-6
Date Collected	3/17/87	3/17/87	3/17/87	3/17/87	3/17/87
Date Received	3/18/87	3/18/87	3/18/87	3/18/87	3/18/87

Parameters, units	Results				
-------------------	---------	--	--	--	--

Mg, mg/l	22	18	22	11	10
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	14	10	14	10	8
TDS, mg/l	256	236	264	172	140
Fe, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed: Samuel J. Day Date: 4/16/87

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Address Adams County
Sampled By Scope I.D. MJH
Billing Line No.
Liaison T. Ryan
Name of Rep. Supply Order No.
Telephone No. (000) 000-0000 Result Sheet No. 35881.02

Sample I.D.	MW-6P	MW-7	MW-7P	MW-8	MW-9
Date Collected	3/17/87	3/17/87	3/17/87	3/17/87	3/17/87
Date Received	3/18/87	3/18/87	3/18/87	3/18/87	3/18/87
Parameters, units	Results				
C.O.D., mg/l	14	21	8	8	< 5
Hardness, mg/l	180	150	120	170	180
Alkalinity, mg/l	170	140	120	150	170
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
NO2+NO3-N, mg/l	< 0.05	0.10	< 0.05	< 0.05	< 0.05
F, mg/l	0.33	0.25	0.19	0.18	0.15
Cl, mg/l	< 1	< 1	< 1	< 1	< 1
Cu, mg/l	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
comments:					

Signed: David Turiff Date: April 16, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS

W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 35881.05

Sample I.D.	MW-6P	MW-7	MW-7P	MW-8	MW-9
Date Collected	3/17/87	3/17/87	3/17/87	3/17/87	3/17/87
Date Received	3/18/87	3/18/87	3/18/87	3/18/87	3/18/87

Parameters, units

Results

Mg, mg/l	22	18	13	20	22
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	15	13	12	12	12
TDS, mg/l	292	248	220	272	288
Fe, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed:

Samuel J. Day

Date:

4/16/87

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 35881.03

Sample I.D.	MW-16	MW-17	MW-18	MW-18P
Date Collected	3/17/87	3/17/87	3/17/87	3/17/87
Date Received	3/18/87	3/18/87	3/18/87	3/18/87
Parameters, units	Results			
C.O.D., mg/l	12	10	< 5	14
Hardness, mg/l	190	130	200	130
Alkalinity, mg/l	190	120	170	110
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	< 0.01	< 0.001	< 0.001	< 0.001
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Se, mg/l	< 0.003	< 0.003	< 0.003	< 0.003
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005
NO2+NO3-N, mg/l	< 0.05	< 0.05	< 0.05	< 0.05
F, mg/l	0.19	0.20	0.20	0.20
Cl, mg/l	< 1	< 1	< 1	< 1
Cu, mg/l	< 0.08	< 0.08	< 0.08	< 0.08

comments:

Signed: David Turiff Date: April 16, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Sampled By MJH
Scope I.D.
Billing Line No.
Liaison T. Ryan
Name of Rep.
Supply Order No.
Telephone No. (000) 000-0000
Result Sheet No. 35881.04

Sample I.D.	MW-16	MW-17	MW-18	MW-18P
Date Collected	3/17/87	3/17/87	3/17/87	3/17/87
Date Received	3/18/87	3/18/87	3/18/87	3/18/87

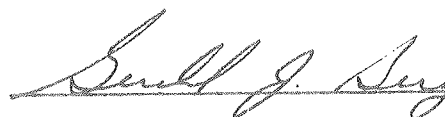
Parameters, units

Results

Mg, mg/l	23	15	22	14
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05
SO ₄ , mg/l	12	13	17	13
TDS, mg/l	270	280	276	172
Fe, mg/l	< 0.10	< 0.10	< 0.10	< 0.10

comments:

Signed:



Date:

4/16/87

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County Sampled By MJH
Address Scope I.D. 86A22
Billing Line No.
Liaison T. Ryan
Name of Rep. Supply Order No.
Telephone No. (000) 000-0000 Result Sheet No. 36278.01

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-6
Date Collected	6/24/87	6/24/87	6/24/87	6/24/87	6/24/87
Date Received	6/25/87	6/25/87	6/25/87	6/25/87	6/25/87
Parameters, units	Results				
C.O.D., mg/l	6	6	<5	<5	<5
Dis. Iron, mg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Hardness, mg/l	210	150	200	110	110
Chloride, mg/l	<1	<1	<1	<1	<1
Alkalinity, mg/l	180	140	180	100	100
Depth to G/W, '	27.55 '	25.70 '	27.20 '	27.57 '	34.58 '
pH, std. units	7.18	7.14	7.16	7.07	7.15
Spec. Cond. (field)*	312	240	319	168	155
Color	Lt. Brown	V.Lt.Brown	Lt. Brown	Cloudy	Lt. Brown
Odor	No	No	No	No	No
Turbidity	Moderate	Sl./Mod.	Moderate	V. Slight	Moderate

comments: * Specific Conductivity reported as micro-mhos./cm. at 25 degrees celsius.

Signed: David Turriff Date: July 30, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D. 86A22
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 36278.02

Sample I.D.	MW-6P	MW-7	MW-7P	MW-8	MW-9
Date Collected	6/24/87	6/24/87	6/24/87	6/24/87	6/24/87
Date Received	6/25/87	6/25/87	6/25/87	6/25/87	6/25/87
Parameters, units	Results				
C.O.D., mg/l	16	7	<5	7	8
Dis. Iron, mg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Hardness, mg/l	190	170	140	170	200
Chloride, mg/l	<1	<1	<1	<1	<1
Alkalinity, mg/l	180	160	130	170	200
Depth to G/W, '	43.55 '	27.98 '	36.08 '	42.27 '	26.35 '
pH, std. units	7.18	7.09	7.12	7.22	7.18
Spec. Cond. (field)*	271	249	216	274	275
Color	Cloudy	Lt. Brown	Cloudy	Lt. Brown	Lt. Brown
Odor	No	No	No	No	No
Turbidity	Slight	Moderate	V. Slight	High	High

comments: * Specific Conductivity reported as micro-mhos./cm. at 25 degrees celsius.

Signed: David Turriff Date: July 30, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D. 86A22
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 36278.03

Sample I.D.	MW-16	MW-17	MW-18	MW-18P
Date Collected	6/24/87	6/24/87	6/24/87	6/24/87
Date Received	6/25/87	6/25/87	6/25/87	6/25/87
Parameters, units	Results			
C.O.D., mg/l	6	<5	6	<5
Dis. Iron, mg/l	<0.10	<0.10	<0.10	<0.10
Hardness, mg/l	210	150	210	140
Chloride, mg/l	<1	<1	<1	<1
Alkalinity, mg/l	200	130	190	130
Depth to G/W, '	21.39 '	39.35 '	24.51 '	64.37 '
pH, std. units	7.08	7.20	7.21	7.12
Spec. Cond. (field)*	330	230	325	235
Color	V.Lt.Brown	Lt. Brown	Lt. Brown	Cloudy
Odor	No	No	No	No
Turbidity	Sl./Mod.	Moderate	Moderate	Slight
As, mg/l	<0.005	<0.005	<0.005	<0.005
Ba, mg/l	<1.0	<1.0	<1.0	<1.0
Cd, mg/l	<0.001	<0.001	<0.001	<0.001
comments:	* Specific Conductivity reported as micro-mhos./cm. at 25 degrees celsius.			

Signed: David Turniff Date: July 30, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Address Adams County
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D. 86A22
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 36278.04

Sample I.D.	MW-16	MW-17	MW-18	MW-18P
Date Collected	6/24/87	6/24/87	6/24/87	6/24/87
Date Received	6/25/87	6/25/87	6/25/87	6/25/87
Parameters, units	Results			
Cr, mg/l	<0.005	<0.005	<0.005	<0.005
Pb, mg/l	<0.0050	<0.0050	<0.0050	<0.0050
Hg, mg/l	<0.0002	<0.0002	<0.0002	<0.0002
Se, mg/l	<0.005	<0.005	<0.005	<0.005
Ag, mg/l	<0.005	<0.005	<0.005	<0.005
NO ₂ +NO ₃ -N, mg/l	0.09	0.12	0.12	0.08
F, mg/l	<0.1	<0.1	<0.1	<0.1
Cu, mg/l	<0.08	<0.08	<0.08	<0.08
Mg, mg/l	23	15	22	15
Zn, mg/l	<0.05	<0.05	<0.05	<0.05
SO ₄ , mg/l	11	10	15	11
TDS, mg/l	210	130	240	160

Comments:

Signed: David Turriff Date: July 30, 1987

ANALYTICAL REPORT

FOR:

Foth & Van Dyke
2737 S. Ridge Road
P.O. Box 11997
Green Bay, WI 54307-1997

Attn: Dave Turriff

WISCONSIN LAB CERTIFICATION NO. 737053130

P.O. #: Adams Co.
SAMPLED BY: Client
DATE REC'D: 9-18-87
REPORT DATE: 10-20-87
APPROVED BY: RSE

VOC Analysis (ug/l)

	Detection Limit	MW-1P	MW-2P	MW-17P	MW-19	MW-19P
Benzene	1.0	X	X	X	X	X
Bromoform	2.0	X	X	X	X	X
Bromomethane	4.0	X	X	X	X	X
Carbon Tetrachloride	0.5	X	X	X	X	X
Chlorobenzene	2.0	X	X	X	X	X
Chloroethane	2.0	X	X	X	X	X
2-Chloroethylvinyl Ether	5.0	X	X	X	X	X
Chloroform	0.5	X	X	X	X	X
Chloromethane	2.0	X	X	X	X	X
Dibromochloromethane	0.5	X	X	X	X	X
1,2-Dichlorobenzene	1.0	X	X	X	X	X
1,3-Dichlorobenzene	1.0	X	X	X	X	X
1,4-Dichlorobenzene	1.0	X	X	X	X	X
Dichlorobromomethane	0.5	X	X	X	X	X
1,1-Dichloroethane	0.5	X	X	X	X	X
1,2-Dichloroethane	0.5	X	X	X	X	X
1,1-Dichloroethylene	1.0	X	X	X	X	X
1,2-Dichloroethylene	1.0	X	X	X	X	X
Dichloromethane	1.0	X	X	X	X	X
1,2-Dichloropropane	0.5	X	X	X	X	X
cis-1,3-Dichloropropene	2.0	X	X	X	X	X
trans-1,3-Dichloropropene	0.5	X	X	X	X	X
Ethylbenzene	1.0	X	X	X	X	X
1,1,2,2-Tetrachloroethane	1.0	X	X	X	X	X
Tetrachloroethylene	0.5	X	X	X	X	X
Toluene	0.5	X	X	X	X	X
1,1,1-Trichloroethane	0.5	X	X	X	X	X
1,1,2-Trichloroethane	0.5	X	X	X	X	X
Trichloroethylene	0.5	X	X	X	X	X
Vinyl Chloride	2.0	X	X	X	X	X
Trichlorofluoromethane	1.0	X	X	X	X	X
Dichlorodifluoromethane	2.0	X	X	X	X	X

Zimpro Analytical No.

32307 32308 32309 32310 32311

X = Analyzed but not detected

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County Sampled By MJH
Address Scope I.D. 86A22
Billing Line No.
Liaison T. Ryan
Name of Rep. Supply Order No.
Telephone No. (000) 000-0000 Result Sheet No. 36756.01

Sample I.D.	MW-1	MW-2	MW-3	MW-3P	MW-6
Date Collected	9/14/87	9/14/87	9/14/87	9/14/87	9/14/87
Date Received	9/17/87	9/17/87	9/17/87	9/17/87	9/17/87
Parameters, units	Results				
C.O.D., mg/l	< 5	< 5	< 5	< 5	< 5
Dis. Iron, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Hardness, mg/l	190	160	210	120	140
Alkalinity, mg/l	180	140	160	140	90
Chloride, mg/l	< 1	< 1	< 1	< 1	< 1
Depth to G/W, '	28.86	28.69	28.92	29.23	36.12
pH, s.u. (field)	6.94	7.06	7.20	6.84	7.00
Spec. Cond. (field)*	328	245	295	169	198
Color	Lt. Brown	Lt. Brown	Lt. Brown	V.Lt. Brown	Lt. Brown
Odor	No	No	No	No	No
Turbidity	Moderate	Moderate	Moderate	Slight	High
Mn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

comments: * Specific Conductivity reported as micro-uhmos./cm. at 25 degrees celsius.

Signed: David Turriff Date: November 13, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D. 86A22
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 36756.02

Sample I.D.	MW-6P	MW-7	MW-7P	MW-8	MW-9
Date Collected	9/14/87	9/14/87	9/14/87	9/14/87	9/14/87
Date Received	9/17/87	9/17/87	9/17/87	9/17/87	9/17/87
Parameters, units	Results				
C.O.D., mg/l	< 5	< 5	< 5	10	< 5
Dis. Iron, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Hardness, mg/l	200	190	120	210	210
Alkalinity, mg/l	170	140	100	160	170
Chloride, mg/l	< 1	< 1	< 1	1	1
Depth to G/W, '	45.00	29.63	37.37	43.18	27.90
pH, s.u. (field)	7.03	6.70	6.83	6.95	7.05
Spec. Cond. (field)*	337	310	211	314	345
Color	V.Lt.Brown	Lt. Brown	V.Lt.Brown	Lt. Brown	Lt. Brown
Odor	No	No	No	No	No
Turbidity	Slight	High	Moderate	High	V. High
Mn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

comments: * Specific Conductivity reported as micro-uhmos./cm. at 25 degrees celsius.

Signed: David Turriff Date: November 13, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Address Adams County
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 36756.03

Sample I.D.	MW-16	MW-17	MW-18	MW-18P
Date Collected	9/14/87	9/14/87	9/14/87	9/14/87
Date Received	9/17/87	9/17/87	9/17/87	9/17/87

Parameters, units

Results

C.O.D., mg/l	< 5	< 5	< 5	< 5
Dis. Iron, mg/l	< 0.10	< 0.10	< 0.10	< 0.10
Hardness, mg/l	220	170	210	200
Alkalinity, mg/l	170	110	160	120
Chloride, mg/l	1	< 1	1	1
Depth to G/W, '	23.17	40.35	26.42	32.52
pH, s.u. (field)	6.95	7.08	6.85	6.80
Spec. Cond. (field)*	325	218	349	251
Color	Lt. Brown	Lt. Brown	Lt. Brown	V.Lt.Brown
Odor	No	No	No	No
Turbidity	Moderate	High	Moderate	Slight
Mn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05

comments: * Specific Conductivity reported as micro-uhmos./cm. at 25 degrees celsius.

Signed:

David Turiff

Date:

November 13, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Address Adams County
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 36756.04

Sample I.D.	MW-1P	MW-2P	MW-17P	MW-19	MW-19P
Date Collected	9/14/87	9/14/87	9/14/87	9/14/87	9/14/87
Date Received	9/17/87	9/17/87	9/17/87	9/17/87	9/17/87
Parameters, units	Results				
C.O.D., mg/l	15	10	20	15	< 5
Dis. Iron, mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Hardness, mg/l	130	120	93	130	130
Alkalinity, mg/l	100	100	70	140	100
Chloride, mg/l	1	1	< 1	1	< 1
Depth to G/W, '	28.71	29.17	42.20	26.13	31.86
pH, s.u. (field)	7.08	7.14	6.61	7.30	7.14
Spec. Cond. (field)*	233	217	168	271	225
Color	V.Lt.Brown	V.Lt.Brown	Lt. Brown	Lt. Brown	V.Lt.Brown
Odor	No	No	No	No	No
Turbidity	Moderate	Moderate	Moderate	V. High	Slight
As, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ba, mg/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cd, mg/l	0.0033	0.0019	0.0014	0.0019	0.0011
comments:	* Specific Conductivity reported as micro-uhmos./cm. at 25 degrees celsius.				

Signed: David Turriff Date: October 22, 1987

FOTH AND VAN DYKE
Engineers/Architects
2737 S. Ridge Road
P.O. Box 19012
Green Bay, Wisc. 54307-9012

LABORATORY ANALYSIS RESULTS
W.D.N.R. LAB CERT. NO. 405051240

Client Adams County
Address
Name of Rep.
Telephone No. (000) 000-0000

Sampled By MJH
Scope I.D.
Billing Line No.
Liaison T. Ryan
Supply Order No.
Result Sheet No. 36756.05

Sample I.D.	MW-1P	MW-2P	MW-17P	MW-19	MW-19P
Date Collected	9/14/87	9/14/87	9/14/87	9/14/87	9/14/87
Date Received	9/17/87	9/17/87	9/17/87	9/17/87	9/17/87
Parameters, units	Results				
Cr, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Pb, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hg, mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Se, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ag, mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
NO2+NO3-N, mg/l	0.45	< 0.05	< 0.05	0.10	0.09
F, mg/l	0.1	< 0.1	0.2	< 0.1	0.4
Cu, mg/l	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Mn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Zn, mg/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SO4, mg/l	17	11	14	12	23
TDS, mg/l	180	140	130	260	160

comments:

Signed: David Terriff Date: October 22, 1987

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS CO LANDFILL
 Project Phase:
 Contract #: 1451
 Project #:
 Folder #: 115649
 Purchase Order #:

Page 1 of 3
 Arrival Temperature: See COC
 Report Date: 12/2/2015
 Date Received: 11/25/2015
 Reprint Date: 12/2/2015

CT LAB Sample#: 663086 Sample Description: MW-30P Sampled: 11/23/2015 1600

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
---------	--------	-------	-----	-----	----------	-----------	----------------	--------------------	---------	--------

Inorganic Results

Total Suspended Solids	99	mg/L	6.3		1		11/30/2015 17:15	LJS	SM 2540M
------------------------	----	------	-----	--	---	--	------------------	-----	----------

CT LAB Sample#: 663087 Sample Description: MW-29 Sampled: 11/25/2015 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
---------	--------	-------	-----	-----	----------	-----------	----------------	--------------------	---------	--------

Inorganic Results

Total Suspended Solids	20	mg/L	2.0		1		11/30/2015 17:15	LJS	SM 2540M
------------------------	----	------	-----	--	---	--	------------------	-----	----------

CT LAB Sample#: 663088 Sample Description: MW-30 Sampled: 11/25/2015 1000

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
---------	--------	-------	-----	-----	----------	-----------	----------------	--------------------	---------	--------

Inorganic Results

Total Suspended Solids	17	mg/L	2.0		1		11/30/2015 17:15	LJS	SM 2540M
------------------------	----	------	-----	--	---	--	------------------	-----	----------

CT LAB Sample#: 663089 Sample Description: MW-31

Sampled: 11/25/2015 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Suspended Solids	12	mg/L	2.0		1			11/30/2015 17:15	LJS	SM 2540M

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368

Kentucky ID# 0023

ISO/IEC 17025-2005 A2LA Cert # 3806.01

North Carolina ID# 674

Wisconsin (WDNR) Chemistry ID# 157066030

Wisconsin (DATCP) Bacteriology ID# 105-289

DoD-ELAP A2LA 3806.01

GA EPD Stipulation ID E871111, Expires Annually

Louisiana ID # 115843

Virginia ID# 7608

Illinois NELAP ID # 002413

Wisconsin (WOSB) ID# WI-5499-WBE

Maryland ID# 344

[illegible]

FIELD SAMPLING REPORT

Site Name: Adams Cty. LF

Job# : 10-1070.12

Project Manager: LAR

Date: 12-17-15

Lab.: CT Labs - Baraboo

Sample collector(s): MA3

Weather Conditions: Overcast, 28°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to: Product	Water	h_t	h_o	Product Volume

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adam's City LF

Job# : 10-1070, 12

Project Manager: LAR

Date: 12-17-15

Lab.: UT Labs Baraboo

Sample collector(s): UAB

Weather Conditions: Overcast, 28°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to: Product	Water	h_t	h_o	Product Volume

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adam's City LF

Job# : 10-1070.12

Project Manager: LAR

Date: 12-17-15

Lab.: UT Labs Baraboo

Sample collector(s): UAB

Weather Conditions: Overcast 28°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to:		h_t	h_b	Product Volume
	Product	Water			

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adam's Cty LF

Job#: 10-1070.12

Project Manager: VAR

Date: 12-17-15

Lab.: UT Labs Paraboo

Sample collector(s): NAB

Weather Conditions: Overcast, 28°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to:		h_i	h_o	Product Volume
	Product	Water			

Revised
5/8/98

* ⁰mw-7P ^{Other} DTB = 64.40 DTW = 38.40 GW Elevation = 930.18

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS COUNTY LANDFILL
 Project Phase:
 Contract #: 1451
 Project #:
 Folder #: 116169
 Purchase Order #:

Page 1 of 23
 Arrival Temperature: See COC
 Report Date: 01/05/2016
 Date Received: 12/22/2015
 Reprint Date: 01/05/2016

CT LAB Sample#: 674208 Sample Description: MW-31

License #:03150

Sampled: 12/17/2015 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	280	mg/L	5.0	18	1			12/29/2015 13:07	LJS	EPA 310.2
Dissolved COD	<15	mg/L	15	50	1		12/30/2015 11:00	12/30/2015 13:50	MER	EPA 410.4
Dissolved Chloride	1.6	mg/L	1.0 *	3.5	1			12/22/2015 12:16	JJF	EPA 9056A
Dissolved Fluoride	0.17	mg/L	0.12 *	0.42	1			12/22/2015 12:16	JJF	EPA 9056A
Dissolved Sulfate	15	mg/L	1.0	3.4	1			12/22/2015 12:16	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	<0.070	mg/L	0.070	0.23	1			12/29/2015 13:36	MER	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		12/31/2015 09:45	01/04/2016 10:56	MDS	EPA 7010
Dissolved Hardness	242	mg/L	0.032	0.11	1			12/24/2015 14:33	NAH	SM2340B/6010
Dissolved Barium	39.5	ug/L	0.70	2.2	1			12/24/2015 14:33	NAH	EPA 6010C
Dissolved Cadmium	0.40	ug/L	0.26 *	0.87	1			12/24/2015 14:33	NAH	EPA 6010C
Dissolved Chromium	4.1	ug/L	1.0	3.4	1			12/24/2015 14:33	NAH	EPA 6010C
Dissolved Copper	12.1	ug/L	1.6	5.5	1			12/24/2015 14:33	NAH	EPA 6010C
Dissolved Lead	97.9	ug/L	1.5	5.0	1			12/24/2015 14:33	NAH	EPA 6010C
Dissolved Manganese	8.0	ug/L	1.6	5.3	1			12/24/2015 14:33	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 674208	Sample Description: MW-31	License #:03150	Sampled: 12/17/2015 1020
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Selenium	<12	ug/L	12	40	1			12/24/2015 14:33	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			12/24/2015 14:33	NAH	EPA 6010C
Dissolved Zinc	48.9	ug/L	1.9	6.2	1			12/24/2015 14:33	NAH	EPA 6010C
Dissolved Boron	11.2	ug/L	3.0	10	1			12/24/2015 14:33	NAH	EPA 6010C
Dissolved Mercury	0.060	ug/L	0.020 *	0.066	1	M	12/30/2015 08:00	12/31/2015 07:39	LJF	EPA 7470A
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/28/2015 15:18	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:18	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:18	RLD	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			12/28/2015 15:18	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			12/28/2015 15:18	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			12/28/2015 15:18	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:18	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:18	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			12/28/2015 15:18	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			12/28/2015 15:18	RLD	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			12/28/2015 15:18	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:18	RLD	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			12/28/2015 15:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 674208	Sample Description: MW-31	License #:03150	Sampled: 12/17/2015 1020
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			12/28/2015 15:18	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			12/28/2015 15:18	RLD	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:18	RLD	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			12/28/2015 15:18	RLD	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			12/28/2015 15:18	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			12/28/2015 15:18	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			12/28/2015 15:18	RLD	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:18	RLD	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			12/28/2015 15:18	RLD	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			12/28/2015 15:18	RLD	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			12/28/2015 15:18	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 15:18	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 15:18	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			12/28/2015 15:18	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			12/28/2015 15:18	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:18	RLD	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			12/28/2015 15:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 674208	Sample Description: MW-31	License #:03150	Sampled: 12/17/2015 1020
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:18	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:18	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			12/28/2015 15:18	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:18	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:18	RLD	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			12/28/2015 15:18	RLD	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:18	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			12/28/2015 15:18	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:18	RLD	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:18	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			12/28/2015 15:18	RLD	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			12/28/2015 15:18	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:18	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:18	RLD	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:18	RLD	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			12/28/2015 15:18	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			12/28/2015 15:18	RLD	EPA 8260C

CT LAB Sample#: 674209	Sample Description: MW-30	License #:03150	Sampled: 12/17/2015 1130
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	96	mg/L	5.0	18	1			12/29/2015 13:11	LJS	EPA 310.2
Dissolved COD	<15	mg/L	15	50	1		12/30/2015 11:00	12/30/2015 13:50	MER	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			12/22/2015 12:37	JJF	EPA 9056A
Dissolved Fluoride	0.16	mg/L	0.12 *	0.42	1			12/22/2015 12:37	JJF	EPA 9056A
Dissolved Sulfate	6.1	mg/L	1.0	3.4	1			12/22/2015 12:37	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	0.93	mg/L	0.070	0.23	1			12/29/2015 13:37	MER	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		12/31/2015 09:45	01/04/2016 11:02	MDS	EPA 7010
Dissolved Thallium	<0.40	ug/L	0.40	1.4	1			12/29/2015 15:49	MDS	EPA 7010
Dissolved Hardness	81.5	mg/L	0.032	0.11	1			12/24/2015 14:38	NAH	SM2340B/6010
Dissolved Antimony	<5.0	ug/L	5.0	17	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Barium	8.7	ug/L	0.70	2.2	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Beryllium	<0.29	ug/L	0.29	0.96	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Chromium	1.7	ug/L	1.0 *	3.4	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Cobalt	<1.2	ug/L	1.2	4.1	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Lead	4.5	ug/L	1.5 *	5.0	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Manganese	8.8	ug/L	1.6	5.3	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Nickel	<1.2	ug/L	1.2	4.0	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Selenium	<12	ug/L	12	40	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Vanadium	7.6	ug/L	1.5	4.9	1			12/24/2015 14:38	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 674209	Sample Description: MW-30	License #:03150	Sampled: 12/17/2015 1130
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Zinc	6.1	ug/L	1.9 *	6.2	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Boron	10.7	ug/L	3.0	10	1			12/24/2015 14:38	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		12/30/2015 08:00	12/31/2015 07:47	LJF	EPA 7470A
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/28/2015 15:46	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:46	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:46	RLD	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			12/28/2015 15:46	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			12/28/2015 15:46	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			12/28/2015 15:46	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:46	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:46	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			12/28/2015 15:46	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			12/28/2015 15:46	RLD	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			12/28/2015 15:46	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:46	RLD	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			12/28/2015 15:46	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			12/28/2015 15:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 674209 Sample Description: MW-30

License #:03150

Sampled: 12/17/2015 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Butanone	<4.0	ug/L	4.0	15	1			12/28/2015 15:46	RLD	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:46	RLD	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			12/28/2015 15:46	RLD	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			12/28/2015 15:46	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			12/28/2015 15:46	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			12/28/2015 15:46	RLD	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:46	RLD	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			12/28/2015 15:46	RLD	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			12/28/2015 15:46	RLD	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			12/28/2015 15:46	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 15:46	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 15:46	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			12/28/2015 15:46	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			12/28/2015 15:46	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:46	RLD	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			12/28/2015 15:46	RLD	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:46	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 15:46	RLD	EPA 8260C

CT LAB Sample#: 674209 Sample Description: MW-30 License #:03150 Sampled: 12/17/2015 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:46	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			12/28/2015 15:46	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:46	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:46	RLD	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			12/28/2015 15:46	RLD	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:46	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			12/28/2015 15:46	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 15:46	RLD	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			12/28/2015 15:46	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			12/28/2015 15:46	RLD	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			12/28/2015 15:46	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:46	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/28/2015 15:46	RLD	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			12/28/2015 15:46	RLD	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			12/28/2015 15:46	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			12/28/2015 15:46	RLD	EPA 8260C

CT LAB Sample#: 674210 Sample Description: MW-30P License #:03150 Sampled: 12/17/2015 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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CT LAB Sample#: 674210 Sample Description: MW-30P

License #:03150

Sampled: 12/17/2015 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	110	mg/L	5.0	18	1			12/29/2015 13:12	LJS	EPA 310.2
Dissolved COD	<15	mg/L	15	50	1		12/30/2015 11:00	12/30/2015 13:50	MER	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			12/22/2015 12:58	JJF	EPA 9056A
Dissolved Fluoride	0.17	mg/L	0.12 *	0.42	1			12/22/2015 12:58	JJF	EPA 9056A
Dissolved Sulfate	7.6	mg/L	1.0	3.4	1			12/22/2015 12:58	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	1.2	mg/L	0.070	0.23	1			12/29/2015 13:39	MER	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		12/31/2015 09:45	01/04/2016 11:08	MDS	EPA 7010
Dissolved Hardness	104	mg/L	0.032	0.11	1			12/24/2015 14:43	NAH	SM2340B/6010
Dissolved Barium	11.3	ug/L	0.70	2.2	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Chromium	1.7	ug/L	1.0 *	3.4	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Manganese	29.2	ug/L	1.6	5.3	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Selenium	<12	ug/L	12	40	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Zinc	4.1	ug/L	1.9 *	6.2	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Boron	<3.0	ug/L	3.0	10	1			12/24/2015 14:43	NAH	EPA 6010C
Dissolved Mercury	0.062	ug/L	0.020 *	0.066	1		12/30/2015 08:00	12/31/2015 07:49	LJF	EPA 7470A
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/28/2015 16:13	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 674210 Sample Description: MW-30P

License #:03150

Sampled: 12/17/2015 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:13	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:13	RLD	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			12/28/2015 16:13	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			12/28/2015 16:13	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			12/28/2015 16:13	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:13	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:13	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			12/28/2015 16:13	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			12/28/2015 16:13	RLD	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			12/28/2015 16:13	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:13	RLD	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			12/28/2015 16:13	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			12/28/2015 16:13	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			12/28/2015 16:13	RLD	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:13	RLD	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			12/28/2015 16:13	RLD	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			12/28/2015 16:13	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			12/28/2015 16:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 674210 Sample Description: MW-30P

License #:03150

Sampled: 12/17/2015 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			12/28/2015 16:13	RLD	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:13	RLD	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			12/28/2015 16:13	RLD	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			12/28/2015 16:13	RLD	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			12/28/2015 16:13	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 16:13	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 16:13	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			12/28/2015 16:13	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			12/28/2015 16:13	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:13	RLD	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			12/28/2015 16:13	RLD	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:13	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:13	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			12/28/2015 16:13	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:13	RLD	EPA 8260C

CT LAB Sample#: 674210 Sample Description: MW-30P License #:03150 Sampled: 12/17/2015 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:13	RLD	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			12/28/2015 16:13	RLD	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:13	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			12/28/2015 16:13	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:13	RLD	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:13	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			12/28/2015 16:13	RLD	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			12/28/2015 16:13	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:13	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:13	RLD	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:13	RLD	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			12/28/2015 16:13	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			12/28/2015 16:13	RLD	EPA 8260C

CT LAB Sample#: 674211 Sample Description: MW-29 License #:03150 Sampled: 12/17/2015 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	190	mg/L	5.0	18	1			12/29/2015 13:13	LJS	EPA 310.2
Dissolved COD	<15	mg/L	15	50	1		12/30/2015 11:00	12/30/2015 13:50	MER	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			12/22/2015 13:19	JJF	EPA 9056A
Dissolved Fluoride	0.16	mg/L	0.12 *	0.42	1			12/22/2015 13:19	JJF	EPA 9056A

CT LAB Sample#: 674211	Sample Description: MW-29	License #:03150	Sampled: 12/17/2015 1320
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Sulfate	8.2	mg/L	1.0	3.4	1			12/22/2015 13:19	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	<0.070	mg/L	0.070	0.23	1			12/29/2015 13:40	MER	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		12/31/2015 09:45	01/04/2016 11:14	MDS	EPA 7010
Dissolved Hardness	157	mg/L	0.032	0.11	1			12/24/2015 14:48	NAH	SM2340B/6010
Dissolved Barium	14.5	ug/L	0.70	2.2	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Manganese	4.8	ug/L	1.6 *	5.3	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Selenium	<12	ug/L	12	40	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Zinc	2.0	ug/L	1.9 *	6.2	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Boron	3.9	ug/L	3.0 *	10	1			12/24/2015 14:48	NAH	EPA 6010C
Dissolved Mercury	0.071	ug/L	0.020	0.066	1		12/30/2015 08:00	12/31/2015 07:51	LJF	EPA 7470A
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/28/2015 16:41	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:41	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:41	RLD	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			12/28/2015 16:41	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			12/28/2015 16:41	RLD	EPA 8260C

CT LAB Sample#: 674211 Sample Description: MW-29

License #:03150

Sampled: 12/17/2015 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			12/28/2015 16:41	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:41	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:41	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			12/28/2015 16:41	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			12/28/2015 16:41	RLD	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			12/28/2015 16:41	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:41	RLD	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			12/28/2015 16:41	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			12/28/2015 16:41	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			12/28/2015 16:41	RLD	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:41	RLD	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			12/28/2015 16:41	RLD	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			12/28/2015 16:41	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			12/28/2015 16:41	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			12/28/2015 16:41	RLD	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:41	RLD	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			12/28/2015 16:41	RLD	EPA 8260C

CT LAB Sample#: 674211 Sample Description: MW-29

License #:03150

Sampled: 12/17/2015 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromomethane	<1.1	ug/L	1.1	3.8	1			12/28/2015 16:41	RLD	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			12/28/2015 16:41	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 16:41	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 16:41	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			12/28/2015 16:41	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			12/28/2015 16:41	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:41	RLD	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			12/28/2015 16:41	RLD	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:41	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:41	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			12/28/2015 16:41	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:41	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:41	RLD	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			12/28/2015 16:41	RLD	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:41	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 674211 Sample Description: MW-29 License #:03150 Sampled: 12/17/2015 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Styrene	<0.28	ug/L	0.28	0.93	1			12/28/2015 16:41	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 16:41	RLD	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			12/28/2015 16:41	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			12/28/2015 16:41	RLD	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			12/28/2015 16:41	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:41	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/28/2015 16:41	RLD	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			12/28/2015 16:41	RLD	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			12/28/2015 16:41	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			12/28/2015 16:41	RLD	EPA 8260C

CT LAB Sample#: 674212 Sample Description: MW-29 DUPLICATE License #:03150 Sampled: 12/17/2015 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/28/2015 17:09	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 17:09	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 17:09	RLD	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			12/28/2015 17:09	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			12/28/2015 17:09	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			12/28/2015 17:09	RLD	EPA 8260C

CT LAB Sample#: 674212 Sample Description: MW-29 DUPLICATE

License #:03150

Sampled: 12/17/2015 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 17:09	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 17:09	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			12/28/2015 17:09	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			12/28/2015 17:09	RLD	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			12/28/2015 17:09	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 17:09	RLD	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			12/28/2015 17:09	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			12/28/2015 17:09	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			12/28/2015 17:09	RLD	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 17:09	RLD	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			12/28/2015 17:09	RLD	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			12/28/2015 17:09	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			12/28/2015 17:09	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			12/28/2015 17:09	RLD	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 17:09	RLD	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			12/28/2015 17:09	RLD	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			12/28/2015 17:09	RLD	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			12/28/2015 17:09	RLD	EPA 8260C

CT LAB Sample#: 674212 Sample Description: MW-29 DUPLICATE

License #:03150

Sampled: 12/17/2015 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 17:09	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 17:09	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			12/28/2015 17:09	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			12/28/2015 17:09	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 17:09	RLD	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			12/28/2015 17:09	RLD	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			12/28/2015 17:09	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			12/28/2015 17:09	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			12/28/2015 17:09	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 17:09	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 17:09	RLD	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			12/28/2015 17:09	RLD	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 17:09	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			12/28/2015 17:09	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 17:09	RLD	EPA 8260C

CT LAB Sample#: 674212 Sample Description: MW-29 DUPLICATE License #:03150 Sampled: 12/17/2015 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			12/28/2015 17:09	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			12/28/2015 17:09	RLD	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			12/28/2015 17:09	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			12/28/2015 17:09	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/28/2015 17:09	RLD	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			12/28/2015 17:09	RLD	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			12/28/2015 17:09	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			12/28/2015 17:09	RLD	EPA 8260C

CT LAB Sample#: 674213 Sample Description: TRIP BLANK License #:03150 Sampled: 12/17/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/28/2015 10:40	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 10:40	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			12/28/2015 10:40	RLD	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			12/28/2015 10:40	RLD	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			12/28/2015 10:40	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			12/28/2015 10:40	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 10:40	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 10:40	RLD	EPA 8260C

CT LAB Sample#: 674213 Sample Description: TRIP BLANK

License #:03150

Sampled: 12/17/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			12/28/2015 10:40	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			12/28/2015 10:40	RLD	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			12/28/2015 10:40	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			12/28/2015 10:40	RLD	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			12/28/2015 10:40	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			12/28/2015 10:40	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			12/28/2015 10:40	RLD	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 10:40	RLD	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			12/28/2015 10:40	RLD	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			12/28/2015 10:40	RLD	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			12/28/2015 10:40	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			12/28/2015 10:40	RLD	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 10:40	RLD	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			12/28/2015 10:40	RLD	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			12/28/2015 10:40	RLD	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			12/28/2015 10:40	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C

CT LAB Sample#: 674213 Sample Description: TRIP BLANK

License #:03150

Sampled: 12/17/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chloroethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 10:40	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			12/28/2015 10:40	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			12/28/2015 10:40	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			12/28/2015 10:40	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			12/28/2015 10:40	RLD	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			12/28/2015 10:40	RLD	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			12/28/2015 10:40	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			12/28/2015 10:40	RLD	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			12/28/2015 10:40	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 10:40	RLD	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 10:40	RLD	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			12/28/2015 10:40	RLD	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			12/28/2015 10:40	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			12/28/2015 10:40	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			12/28/2015 10:40	RLD	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			12/28/2015 10:40	RLD	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			12/28/2015 10:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 674213 Sample Description: TRIP BLANK

License #:03150

Sampled: 12/17/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Toluene	<0.27	ug/L	0.27	0.91	1			12/28/2015 10:40	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			12/28/2015 10:40	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/28/2015 10:40	RLD	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			12/28/2015 10:40	RLD	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			12/28/2015 10:40	RLD	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			12/28/2015 10:40	RLD	EPA 8260C

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

FIELD SAMPLING REPORT

Site Name: Adam's Chy LF

Job#: 10-1070.12

Project Manager: LAR

Date: 1-21-16

Lab.: ET Lab Barabara

Sample collector(s): AB

Weather Conditions: Cloudy, ~20°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB_____	Stainless Steel Bail, Add Length
PVCB_____	PVC Bail, Add Length
TB_____	Teflon Bail, Add Length
DB_____	Disposable Bail, Add Length
GS_____	Grab Sample
Tap_____	Tap Sample
DS_____	Dedicated System
O_____	Other

Note 3 - Purging

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to:		h_t	h_b	Product Volume
	Product	Water			

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adams Co. LF

Job#: 10-1070, 12

Project Manager: LAR

Date: 1-21-66

Lab.: CT Labs

Sample collector(s): MRB

Weather Conditions:

Wichita 2200

Sampling Sequence: _____

Sample Handling Methods:

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 – Sampling Method

Code	Description
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, In. I.D.	gallons/hr
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to:		h_t	h_D	Product Volume
	Product	Water			

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adams Mt LF

Job#: 16-1070, 12

Project Manager: LAR

Date: 1-21-16

Lab: CT Labs

Sample collector(s): NAB

Weather Conditions: Cloudy ~ 20°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method:

Code	Description
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to: Product	Water	h_t	h_b	Product Volume

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adam's Cr LF

Job#: 10-1070.12

Project Manager: LAR

Date: 1-21-16

Lab.: IT Labs

Sample collector(s): NAB

Weather Conditions: Cloudy 20°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB	Stainless Steel Bail, Add Length
PVCB	PVC Bail, Add Length
TB	Teflon Bail, Add Length
DB	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purg'ing

Size, in. I.D.	gallons/min
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to: Product	Water	h_t	h_o	Product Volume

Revised
5/8/98

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS COUNTY LANDFILL
 Project Phase:
 Contract #: 1451
 Project #: 10-1070.12
 Folder #: 116658
 Purchase Order #:

Page 1 of 23
 Arrival Temperature: See COC
 Report Date: 02/09/2016
 Date Received: 01/26/2016
 Reprint Date: 02/09/2016

CT LAB Sample#: 684319 Sample Description: MW-31

Sampled: 01/21/2016 1110

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	280	mg/L	5.0	18	1			01/28/2016 12:05	LJS	EPA 310.2
Dissolved COD	15	mg/L	15 *	50	1		02/02/2016 12:30	02/02/2016 15:15	LJS	EPA 410.4
Dissolved Chloride	2.6	mg/L	1.0 *	3.5	1			01/26/2016 18:14	JJF	EPA 9056A
Dissolved Fluoride	0.16	mg/L	0.12 *	0.42	1			01/26/2016 18:14	JJF	EPA 9056A
Dissolved Sulfate	15	mg/L	1.0	3.4	1			01/26/2016 18:14	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	0.093	mg/L	0.070 *	0.23	1	M		02/08/2016 10:48	LJS	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		01/27/2016 10:30	02/01/2016 09:23	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		01/27/2016 10:30	01/28/2016 16:48	MDS	EPA 7010
Dissolved Barium	17.9	ug/L	0.70	2.2	1			01/29/2016 00:12	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			01/29/2016 00:12	NAH	EPA 6010C
Dissolved Chromium	2.3	ug/L	1.0 *	3.4	1			01/29/2016 00:12	NAH	EPA 6010C
Dissolved Copper	2.8	ug/L	1.6 *	5.5	1			01/29/2016 00:12	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			01/29/2016 00:12	NAH	EPA 6010C
Dissolved Manganese	4.9	ug/L	1.6 *	5.3	1			01/29/2016 00:12	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684319 Sample Description: MW-31

Sampled: 01/21/2016 1110

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			01/29/2016 00:12	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			01/29/2016 00:12	NAH	EPA 6010C
Dissolved Mercury	0.067	ug/L	0.020	0.066	1		01/29/2016 07:30	02/01/2016 09:12	LJF	EPA 7470A
Dissolved Boron	0.0096	mg/L	0.0030 *	0.010	1			01/29/2016 00:12	NAH	EPA 6010C
Dissolved Hardness	227	mg/L	0.032	0.11	1			01/29/2016 00:12	NAH	SM2340B/6010
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			02/02/2016 13:44	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:44	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:44	AGK	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			02/02/2016 13:44	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			02/02/2016 13:44	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			02/02/2016 13:44	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:44	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:44	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			02/02/2016 13:44	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			02/02/2016 13:44	AGK	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			02/02/2016 13:44	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:44	AGK	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			02/02/2016 13:44	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684319 Sample Description: MW-31

Sampled: 01/21/2016 1110

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			02/02/2016 13:44	AGK	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			02/02/2016 13:44	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:44	AGK	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			02/02/2016 13:44	AGK	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			02/02/2016 13:44	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			02/02/2016 13:44	AGK	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			02/02/2016 13:44	AGK	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:44	AGK	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			02/02/2016 13:44	AGK	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			02/02/2016 13:44	AGK	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			02/02/2016 13:44	AGK	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 13:44	AGK	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 13:44	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			02/02/2016 13:44	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			02/02/2016 13:44	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:44	AGK	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			02/02/2016 13:44	AGK	EPA 8260C

CT LAB Sample#: 684319 Sample Description: MW-31

Sampled: 01/21/2016 1110

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:44	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:44	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			02/02/2016 13:44	AGK	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:44	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:44	AGK	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			02/02/2016 13:44	AGK	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:44	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			02/02/2016 13:44	AGK	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:44	AGK	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:44	AGK	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			02/02/2016 13:44	AGK	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			02/02/2016 13:44	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:44	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:44	AGK	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:44	AGK	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1	Y		02/02/2016 13:44	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			02/02/2016 13:44	AGK	EPA 8260C

CT LAB Sample#: 684320 Sample Description: MW-31 DUPLICATE

Sampled: 01/21/2016 1110

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			02/02/2016 14:14	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:14	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:14	AGK	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			02/02/2016 14:14	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			02/02/2016 14:14	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			02/02/2016 14:14	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:14	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:14	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			02/02/2016 14:14	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			02/02/2016 14:14	AGK	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			02/02/2016 14:14	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:14	AGK	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			02/02/2016 14:14	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			02/02/2016 14:14	AGK	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			02/02/2016 14:14	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:14	AGK	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			02/02/2016 14:14	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684320 Sample Description: MW-31 DUPLICATE

Sampled: 01/21/2016 1110

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			02/02/2016 14:14	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			02/02/2016 14:14	AGK	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			02/02/2016 14:14	AGK	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:14	AGK	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			02/02/2016 14:14	AGK	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			02/02/2016 14:14	AGK	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			02/02/2016 14:14	AGK	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 14:14	AGK	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 14:14	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			02/02/2016 14:14	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			02/02/2016 14:14	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:14	AGK	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			02/02/2016 14:14	AGK	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:14	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:14	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			02/02/2016 14:14	AGK	EPA 8260C

CT LAB Sample#: 684320 Sample Description: MW-31 DUPLICATE

Sampled: 01/21/2016 1110

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:14	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:14	AGK	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			02/02/2016 14:14	AGK	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:14	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			02/02/2016 14:14	AGK	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:14	AGK	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:14	AGK	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			02/02/2016 14:14	AGK	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			02/02/2016 14:14	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:14	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:14	AGK	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:14	AGK	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			02/02/2016 14:14	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			02/02/2016 14:14	AGK	EPA 8260C

CT LAB Sample#: 684321 Sample Description: MW-30

Sampled: 01/21/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Alkalinity Dissolved	99	mg/L	5.0	18	1			01/28/2016 12:06	LJS	EPA 310.2
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CT LAB Sample#: 684321 Sample Description: MW-30

Sampled: 01/21/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved COD	<15	mg/L	15	50	1		02/02/2016 12:30	02/02/2016 15:15	LJS	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			01/26/2016 18:34	JJF	EPA 9056A
Dissolved Fluoride	<0.12	mg/L	0.12	0.42	1			01/26/2016 18:34	JJF	EPA 9056A
Dissolved Sulfate	4.6	mg/L	1.0	3.4	1			01/26/2016 18:34	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	0.88	mg/L	0.070	0.23	1			02/08/2016 10:52	LJS	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		01/27/2016 10:30	02/01/2016 09:47	MDS	EPA 7010
Dissolved Thallium	<0.40	ug/L	0.40	1.4	1			01/28/2016 12:50	MDS	EPA 7010
Dissolved Antimony	<1.2	ug/L	1.2	3.7	1			01/29/2016 09:43	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		01/27/2016 10:30	01/28/2016 17:23	MDS	EPA 7010
Dissolved Barium	8.9	ug/L	0.70	2.2	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Beryllium	<0.29	ug/L	0.29	0.96	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Chromium	1.1	ug/L	1.0 *	3.4	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Cobalt	<1.2	ug/L	1.2	4.1	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Manganese	6.1	ug/L	1.6	5.3	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Nickel	<1.2	ug/L	1.2	4.0	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Vanadium	<1.5	ug/L	1.5	4.9	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Mercury	0.074	ug/L	0.020	0.066	1		01/29/2016 07:30	02/01/2016 09:14	LJF	EPA 7470A
Dissolved Boron	0.0101	mg/L	0.0030	0.010	1			01/29/2016 00:19	NAH	EPA 6010C
Dissolved Hardness	80.1	mg/L	0.032	0.11	1			01/29/2016 00:19	NAH	SM2340B/6010

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684321 Sample Description: MW-30

Sampled: 01/21/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			02/02/2016 14:44	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:44	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:44	AGK	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			02/02/2016 14:44	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			02/02/2016 14:44	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			02/02/2016 14:44	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:44	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:44	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			02/02/2016 14:44	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			02/02/2016 14:44	AGK	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			02/02/2016 14:44	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:44	AGK	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			02/02/2016 14:44	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			02/02/2016 14:44	AGK	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			02/02/2016 14:44	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:44	AGK	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			02/02/2016 14:44	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684321 Sample Description: MW-30

Sampled: 01/21/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			02/02/2016 14:44	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			02/02/2016 14:44	AGK	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			02/02/2016 14:44	AGK	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:44	AGK	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			02/02/2016 14:44	AGK	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			02/02/2016 14:44	AGK	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			02/02/2016 14:44	AGK	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 14:44	AGK	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 14:44	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			02/02/2016 14:44	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			02/02/2016 14:44	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:44	AGK	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			02/02/2016 14:44	AGK	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:44	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:44	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			02/02/2016 14:44	AGK	EPA 8260C

CT LAB Sample#: 684321 Sample Description: MW-30

Sampled: 01/21/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:44	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:44	AGK	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			02/02/2016 14:44	AGK	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:44	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			02/02/2016 14:44	AGK	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 14:44	AGK	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			02/02/2016 14:44	AGK	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			02/02/2016 14:44	AGK	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			02/02/2016 14:44	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:44	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			02/02/2016 14:44	AGK	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			02/02/2016 14:44	AGK	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			02/02/2016 14:44	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			02/02/2016 14:44	AGK	EPA 8260C

CT LAB Sample#: 684322 Sample Description: MW-30P

Sampled: 01/21/2016 1305

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Alkalinity Dissolved	120	mg/L	5.0	18	1			01/28/2016 12:07	LJS	EPA 310.2
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CT LAB Sample#: 684322 Sample Description: MW-30P

Sampled: 01/21/2016 1305

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved COD	<15	mg/L	15	50	1		02/02/2016 12:30	02/02/2016 15:15	LJS	EPA 410.4
Dissolved Chloride	1.1	mg/L	1.0 *	3.5	1			01/26/2016 18:53	JJF	EPA 9056A
Dissolved Fluoride	0.14	mg/L	0.12 *	0.42	1			01/26/2016 18:53	JJF	EPA 9056A
Dissolved Sulfate	7.0	mg/L	1.0	3.4	1			01/26/2016 18:53	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	1.3	mg/L	0.070	0.23	1			02/08/2016 10:53	LJS	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		01/27/2016 10:30	02/01/2016 09:53	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		01/27/2016 10:30	01/28/2016 17:28	MDS	EPA 7010
Dissolved Barium	12.5	ug/L	0.70	2.2	1			01/29/2016 00:44	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			01/29/2016 00:44	NAH	EPA 6010C
Dissolved Chromium	1.7	ug/L	1.0 *	3.4	1			01/29/2016 00:44	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			01/29/2016 00:44	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			01/29/2016 00:44	NAH	EPA 6010C
Dissolved Manganese	15.5	ug/L	1.6	5.3	1			01/29/2016 00:44	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			01/29/2016 00:44	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			01/29/2016 00:44	NAH	EPA 6010C
Dissolved Mercury	0.076	ug/L	0.020	0.066	1		01/29/2016 07:30	02/01/2016 09:16	LJF	EPA 7470A
Dissolved Boron	0.0051	mg/L	0.0030 *	0.010	1			01/29/2016 00:44	NAH	EPA 6010C
Dissolved Hardness	96.6	mg/L	0.032	0.11	1			01/29/2016 00:44	NAH	SM2340B/6010
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			02/02/2016 15:13	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:13	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684322 Sample Description: MW-30P

Sampled: 01/21/2016 1305

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:13	AGK	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			02/02/2016 15:13	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			02/02/2016 15:13	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			02/02/2016 15:13	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:13	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:13	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			02/02/2016 15:13	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			02/02/2016 15:13	AGK	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			02/02/2016 15:13	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:13	AGK	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			02/02/2016 15:13	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			02/02/2016 15:13	AGK	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			02/02/2016 15:13	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:13	AGK	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			02/02/2016 15:13	AGK	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			02/02/2016 15:13	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			02/02/2016 15:13	AGK	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C

CT LAB Sample#: 684322 Sample Description: MW-30P

Sampled: 01/21/2016 1305

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			02/02/2016 15:13	AGK	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:13	AGK	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			02/02/2016 15:13	AGK	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			02/02/2016 15:13	AGK	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			02/02/2016 15:13	AGK	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 15:13	AGK	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 15:13	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			02/02/2016 15:13	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			02/02/2016 15:13	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:13	AGK	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			02/02/2016 15:13	AGK	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:13	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:13	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			02/02/2016 15:13	AGK	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:13	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:13	AGK	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			02/02/2016 15:13	AGK	EPA 8260C

CT LAB Sample#: 684322 Sample Description: MW-30P

Sampled: 01/21/2016 1305

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
o-Xylene	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:13	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			02/02/2016 15:13	AGK	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:13	AGK	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:13	AGK	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			02/02/2016 15:13	AGK	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			02/02/2016 15:13	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:13	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:13	AGK	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:13	AGK	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			02/02/2016 15:13	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			02/02/2016 15:13	AGK	EPA 8260C

CT LAB Sample#: 684323 Sample Description: MW-29

Sampled: 01/21/2016 1400

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	200	mg/L	5.0	18	1			01/28/2016 12:08	LJS	EPA 310.2
Dissolved COD	<15	mg/L	15	50	1		02/02/2016 12:30	02/02/2016 15:15	LJS	EPA 410.4
Dissolved Chloride	1.2	mg/L	1.0 *	3.5	1			01/26/2016 20:06	JJF	EPA 9056A
Dissolved Fluoride	<0.12	mg/L	0.12	0.42	1			01/26/2016 20:06	JJF	EPA 9056A
Dissolved Sulfate	8.0	mg/L	1.0	3.4	1			01/26/2016 20:06	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	<0.070	mg/L	0.070	0.23	1			02/08/2016 10:55	LJS	EPA 353.2

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684323 Sample Description: MW-29

Sampled: 01/21/2016 1400

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		01/27/2016 10:30	02/01/2016 09:59	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		01/27/2016 10:30	01/28/2016 17:34	MDS	EPA 7010
Dissolved Barium	15.3	ug/L	0.70	2.2	1			01/29/2016 00:51	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1	M		01/29/2016 00:51	NAH	EPA 6010C
Dissolved Chromium	1.1	ug/L	1.0 *	3.4	1	M		01/29/2016 00:51	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1	Y,M		01/29/2016 00:51	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1	M		01/29/2016 00:51	NAH	EPA 6010C
Dissolved Manganese	2.7	ug/L	1.6 *	5.3	1			01/29/2016 00:51	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			01/29/2016 00:51	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			01/29/2016 00:51	NAH	EPA 6010C
Dissolved Mercury	0.070	ug/L	0.020	0.066	1		01/29/2016 07:30	02/01/2016 09:22	LJF	EPA 7470A
Dissolved Boron	0.0066	mg/L	0.0030 *	0.010	1			01/29/2016 00:51	NAH	EPA 6010C
Dissolved Hardness	151	mg/L	0.032	0.11	1			01/29/2016 00:51	NAH	SM2340B/6010
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			02/02/2016 15:43	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:43	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:43	AGK	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			02/02/2016 15:43	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			02/02/2016 15:43	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			02/02/2016 15:43	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:43	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684323 Sample Description: MW-29

Sampled: 01/21/2016 1400

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:43	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			02/02/2016 15:43	AGK	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			02/02/2016 15:43	AGK	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			02/02/2016 15:43	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:43	AGK	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			02/02/2016 15:43	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			02/02/2016 15:43	AGK	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			02/02/2016 15:43	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:43	AGK	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			02/02/2016 15:43	AGK	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			02/02/2016 15:43	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			02/02/2016 15:43	AGK	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			02/02/2016 15:43	AGK	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:43	AGK	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			02/02/2016 15:43	AGK	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			02/02/2016 15:43	AGK	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			02/02/2016 15:43	AGK	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C

CT LAB Sample#: 684323 Sample Description: MW-29

Sampled: 01/21/2016 1400

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 15:43	AGK	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 15:43	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			02/02/2016 15:43	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			02/02/2016 15:43	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:43	AGK	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			02/02/2016 15:43	AGK	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:43	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:43	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			02/02/2016 15:43	AGK	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:43	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:43	AGK	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			02/02/2016 15:43	AGK	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:43	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			02/02/2016 15:43	AGK	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 15:43	AGK	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			02/02/2016 15:43	AGK	EPA 8260C

CT LAB Sample#: 684323 Sample Description: MW-29

Sampled: 01/21/2016 1400

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			02/02/2016 15:43	AGK	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			02/02/2016 15:43	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:43	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			02/02/2016 15:43	AGK	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			02/02/2016 15:43	AGK	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			02/02/2016 15:43	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			02/02/2016 15:43	AGK	EPA 8260C

CT LAB Sample#: 684324 Sample Description: TRIP BLANK

Sampled: 01/21/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			02/02/2016 13:15	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:15	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:15	AGK	EPA 8260C
1,1-Dichloroethene	<0.27	ug/L	0.27	0.90	1			02/02/2016 13:15	AGK	EPA 8260C
1,1-Dichloropropene	<0.40	ug/L	0.40	1.4	1			02/02/2016 13:15	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.4	1			02/02/2016 13:15	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:15	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:15	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			02/02/2016 13:15	AGK	EPA 8260C

CT LAB Sample#: 684324 Sample Description: TRIP BLANK

Sampled: 01/21/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dibromoethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			02/02/2016 13:15	AGK	EPA 8260C
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
1,2-Dichloropropane	<0.28	ug/L	0.28	0.94	1			02/02/2016 13:15	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:15	AGK	EPA 8260C
1,3-Dichloropropane	<0.29	ug/L	0.29	0.96	1			02/02/2016 13:15	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
2,2-Dichloropropane	<0.70	ug/L	0.70	2.5	1			02/02/2016 13:15	AGK	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	15	1			02/02/2016 13:15	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:15	AGK	EPA 8260C
2-Hexanone	<9.0	ug/L	9.0	29	1			02/02/2016 13:15	AGK	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
4-Methyl-2-pentanone	<7.0	ug/L	7.0	25	1			02/02/2016 13:15	AGK	EPA 8260C
Acetone	<7.0	ug/L	7.0	23	1			02/02/2016 13:15	AGK	EPA 8260C
Benzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
Bromochloromethane	<0.40	ug/L	0.40	1.5	1			02/02/2016 13:15	AGK	EPA 8260C
Bromodichloromethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:15	AGK	EPA 8260C
Bromoform	<0.29	ug/L	0.29	0.96	1			02/02/2016 13:15	AGK	EPA 8260C
Bromomethane	<1.1	ug/L	1.1	3.8	1			02/02/2016 13:15	AGK	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.7	1			02/02/2016 13:15	AGK	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
Chloroethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 13:15	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684324 Sample Description: TRIP BLANK

Sampled: 01/21/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chloroform	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
Chloromethane	<0.80	ug/L	0.80	2.8	1			02/02/2016 13:15	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	0.99	1			02/02/2016 13:15	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.29	ug/L	0.29	0.97	1			02/02/2016 13:15	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:15	AGK	EPA 8260C
Dichlorodifluoromethane	<0.80	ug/L	0.80	2.5	1			02/02/2016 13:15	AGK	EPA 8260C
Diisopropyl ether	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:15	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:15	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.2	1			02/02/2016 13:15	AGK	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:15	AGK	EPA 8260C
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:15	AGK	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.3	1			02/02/2016 13:15	AGK	EPA 8260C
o-Xylene	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
p-Isopropyltoluene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:15	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
Styrene	<0.28	ug/L	0.28	0.93	1			02/02/2016 13:15	AGK	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			02/02/2016 13:15	AGK	EPA 8260C
Tetrachloroethene	<0.40	ug/L	0.40	1.2	1			02/02/2016 13:15	AGK	EPA 8260C
Tetrahydrofuran	<1.1	ug/L	1.1	3.5	1			02/02/2016 13:15	AGK	EPA 8260C
Toluene	<0.27	ug/L	0.27	0.91	1			02/02/2016 13:15	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 684324 Sample Description: TRIP BLANK

Sampled: 01/21/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:15	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.30	ug/L	0.30	1.0	1			02/02/2016 13:15	AGK	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			02/02/2016 13:15	AGK	EPA 8260C
Trichlorofluoromethane	<0.60	ug/L	0.60	2.1	1			02/02/2016 13:15	AGK	EPA 8260C
Vinyl chloride	<0.18	ug/L	0.18	0.59	1			02/02/2016 13:15	AGK	EPA 8260C

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

CHAIN OF CUSTODY RECORD

PROJECT NO. D-1070.12		PROJECT NAME/CLIENT Adams City Landfill			NO. OF CON- TAINERS	Field Filtered: <i>N</i>										REMARKS 116658
SAMPLERS: (Signature) <i>Nicole Bader</i>						<i>UOT</i> <i>Mann's Hydrology</i> <i>U-20, CDD</i> <i>HLK. Anions</i>										
SAMPLE NO.	DATE	TIME	OM/RA	SAMPLE LOCATION/ DESCRIPTION												
1	1-24-16	11:10		MW-31	6	X	X	X	X					684319		
2		11:10		MW-31 Duplicate	3	X	-	-	-					684320		
3		12:00		MW-30	6		X	X	X					684321	See Attached Extra Parameters	
4		1:05		MW-30 P	6									684322		
5		2:00		MW-29	6									684323		
6				Trip Blank	1									684324		
7				Temp Blank	1											
Folder #: 116658 Company: AYRES ASSOCIATES Project: ADAMS COUNTY LAN Logged By: JLS PM: ET																
Ayres Project Contact: <i>Nicole Bader</i>					Ayres Project Manager: <i>Lori Rosemarte</i>											
Invoice To: <i>Ayres Associates</i>																
RELINQUISHED BY: (Signature) <i>Nicole Bader</i>		DATE / TIME 1-25-16/3:50		RECEIVED BY: (Signature)		RELINQUISHED BY: (Signature)		DATE / TIME		RECEIVED BY: (Signature) <i>JLB 1/26/16</i>						
 Ayres Associates Inc. Engineers/Architects/Scientists/Photogrammetrists 3433 Oakwood Hills Parkway Eau Claire, WI 54701 (715)834-3161 Fax(715)831-7500					Shipped on ice: ☒ yes ☐ no Received on ice: ☒ yes ☐ no Temp. if not received on ice: _____					COMMENTS: <i>0.8° once 1st 8 1/26/16 1030 for cooler 5617</i>						

FIELD SAMPLING REPORT

Site Name: Adam's County LF

Job#: 10-1070.12 Project Manager: NC Date: 2-25-16 Lab: UT-Labs

Sample collector(s): UNK3

Weather Conditions: Partly Sunny, Windy, 33°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP___	Well, PVC, Pro-top, Add Size
WS____	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB	Stainless Steel Bail, Add Length
PVCB	PVC Bail, Add Length
TB	Teflon Bail, Add Length
DB	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to:		h_t	h_b	Product Volume
	Product	Water			

FIELD SAMPLING REPORT

Site Name: Adam's City LF

Job#: 10-1070.12

Project Manager:

Date: 2-25-10

Lab: CT-Labels

Sample collector(s): NAB

Weather Conditions: Partly Sunny, Windy, 33°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB ____	Stainless Steel Bail, Add Length
PVCB ____	PVC Bail, Add Length
TB ____	Teflon Bail, Add Length
DB ____	Disposable Bail, Add Length
GS ____	Grab Sample
Tap ____	Tap Sample
DS ____	Dedicated System
O ____	Other

Note 3 - Purging

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to:		h_i	h_o	Product Volume
	Product	Water			

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adam's City LF

Job#: 10-1070.12 Project Manager: MA Date: 2-25-16 Lab.: CT-Labs

Sample collector(s): UAB

Weather Conditions: Partly Sunny, Windy, 33°F

Sampling Sequence: _____

Sample Handling Methods:_____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB___	Teflon Bail, Add Length
DB___	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to: Product	Water	h_t	h_b	Product Volume

FIELD SAMPLING REPORT

Site Name: Adam's City LF

Job#: D-1070.12

Project Manager: *U*

Date: 2-25-16

Lab.: CT-Labor

Sample collector(s): NAB

Weather Conditions: Partly Sunny

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS___	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TVB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to: Product	Water	h_t	h_b	Product Volume

Revised
5/8/98

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS COUNTY LANFILL
 Project Phase:
 Contract #: 1451
 Project #: 10-1070.12
 Folder #: 117274
 Purchase Order #:

Page 1 of 6
 Arrival Temperature: See COC
 Report Date: 03/14/2016
 Date Received: 03/01/2016
 Reprint Date: 03/14/2016

CT LAB Sample#: 692397 Sample Description: MW-31

Sampled: 02/25/2016 1025

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	280	mg/L	5.0	18	1			03/03/2016 10:02	LJS	EPA 310.2
Dissolved COD	<15	mg/L	15	50	1		03/10/2016 15:00	03/11/2016 11:15	LJS	EPA 410.4
Dissolved Chloride	1.9	mg/L	1.0 *	3.5	1			03/03/2016 18:03	AGK	EPA 9056A
Dissolved Fluoride	0.17	mg/L	0.12 *	0.42	1			03/03/2016 18:03	AGK	EPA 9056A
Dissolved Sulfate	15	mg/L	1.0	3.4	1			03/03/2016 18:03	AGK	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	<0.070	mg/L	0.070	0.23	1			03/04/2016 10:39	LJS	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		03/02/2016 11:00	03/08/2016 14:26	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		03/02/2016 11:00	03/08/2016 09:31	MDS	EPA 7010
Dissolved Barium	19.7	ug/L	0.70	2.2	1			03/01/2016 22:43	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			03/01/2016 22:43	NAH	EPA 6010C
Dissolved Chromium	2.6	ug/L	1.0 *	3.4	1			03/01/2016 22:43	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			03/01/2016 22:43	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			03/01/2016 22:43	NAH	EPA 6010C
Dissolved Manganese	4.5	ug/L	1.6 *	5.3	1			03/01/2016 22:43	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 692397 Sample Description: MW-31 Sampled: 02/25/2016 1025

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			03/01/2016 22:43	NAH	EPA 6010C
Dissolved Zinc	1.9	ug/L	1.9 *	6.2	1			03/01/2016 22:43	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		03/10/2016 07:00	03/11/2016 09:43	LJF	EPA 7470A
Dissolved Boron	0.0074	mg/L	0.0030 *	0.010	1			03/01/2016 22:43	NAH	EPA 6010C
Dissolved Hardness	245	mg/L	0.032	0.11	1			03/01/2016 22:43	NAH	SM2340B/6010

CT LAB Sample#: 692413 Sample Description: MW-30 Sampled: 02/25/2016 1113

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	95	mg/L	5.0	18	1			03/03/2016 10:04	LJS	EPA 310.2
Dissolved COD	<15	mg/L	15	50	1		03/10/2016 15:00	03/11/2016 11:15	LJS	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			03/03/2016 19:06	AGK	EPA 9056A
Dissolved Fluoride	0.16	mg/L	0.12 *	0.42	1			03/03/2016 19:06	AGK	EPA 9056A
Dissolved Sulfate	4.4	mg/L	1.0	3.4	1			03/03/2016 19:06	AGK	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	1.0	mg/L	0.070	0.23	1			03/04/2016 10:43	LJS	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		03/02/2016 11:00	03/08/2016 14:50	MDS	EPA 7010
Dissolved Thallium	<0.40	ug/L	0.40	1.4	1	M		03/03/2016 10:59	MDS	EPA 7010
Dissolved Antimony	<1.2	ug/L	1.2	3.7	1			03/02/2016 13:32	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		03/02/2016 11:00	03/08/2016 09:54	MDS	EPA 7010
Dissolved Barium	8.6	ug/L	0.70	2.2	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Beryllium	<0.29	ug/L	0.29	0.96	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			03/01/2016 22:51	NAH	EPA 6010C

CT LAB Sample#: 692413 Sample Description: MW-30

Sampled: 02/25/2016 1113

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Chromium	1.7	ug/L	1.0 *	3.4	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Cobalt	<1.2	ug/L	1.2	4.1	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Lead	2.6	ug/L	1.5 *	5.0	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Manganese	3.6	ug/L	1.6 *	5.3	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Nickel	<1.2	ug/L	1.2	4.0	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Vanadium	1.7	ug/L	1.5 *	4.9	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		03/10/2016 07:00	03/11/2016 09:45	LJF	EPA 7470A
Dissolved Boron	0.0094	mg/L	0.0030 *	0.010	1			03/01/2016 22:51	NAH	EPA 6010C
Dissolved Hardness	86.5	mg/L	0.032	0.11	1			03/01/2016 22:51	NAH	SM2340B/6010

CT LAB Sample#: 692414 Sample Description: MW-30P

Sampled: 02/25/2016 1155

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	110	mg/L	5.0	18	1			03/03/2016 10:05	LJS	EPA 310.2
Dissolved COD	<15	mg/L	15	50	1		03/10/2016 15:00	03/11/2016 11:15	LJS	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			03/03/2016 19:27	AGK	EPA 9056A
Dissolved Fluoride	0.16	mg/L	0.12 *	0.42	1			03/03/2016 19:27	AGK	EPA 9056A
Dissolved Sulfate	7.4	mg/L	1.0	3.4	1			03/03/2016 19:27	AGK	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	1.3	mg/L	0.070	0.23	1			03/04/2016 10:44	LJS	EPA 353.2

Metals Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 692414 Sample Description: MW-30P

Sampled: 02/25/2016 1155

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		03/02/2016 11:00	03/08/2016 14:56	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		03/02/2016 11:00	03/08/2016 10:00	MDS	EPA 7010
Dissolved Barium	12.4	ug/L	0.70	2.2	1			03/01/2016 22:58	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			03/01/2016 22:58	NAH	EPA 6010C
Dissolved Chromium	1.7	ug/L	1.0 *	3.4	1			03/01/2016 22:58	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			03/01/2016 22:58	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			03/01/2016 22:58	NAH	EPA 6010C
Dissolved Manganese	12.5	ug/L	1.6	5.3	1			03/01/2016 22:58	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			03/01/2016 22:58	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			03/01/2016 22:58	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		03/10/2016 07:00	03/11/2016 09:51	LJF	EPA 7470A
Dissolved Boron	<0.0030	mg/L	0.0030	0.010	1			03/01/2016 22:58	NAH	EPA 6010C
Dissolved Hardness	102	mg/L	0.032	0.11	1			03/01/2016 22:58	NAH	SM2340B/6010

CT LAB Sample#: 692415 Sample Description: MW-29

Sampled: 02/25/2016 1250

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	190	mg/L	5.0	18	1			03/03/2016 10:06	LJS	EPA 310.2
Dissolved COD	<15	mg/L	15	50	1		03/10/2016 15:00	03/11/2016 11:15	LJS	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			03/03/2016 20:30	AGK	EPA 9056A
Dissolved Fluoride	<0.12	mg/L	0.12	0.42	1			03/03/2016 20:30	AGK	EPA 9056A
Dissolved Sulfate	7.8	mg/L	1.0	3.4	1			03/03/2016 20:30	AGK	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	<0.070	mg/L	0.070	0.23	1			03/04/2016 10:45	LJS	EPA 353.2

Metals Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 692415 Sample Description: MW-29

Sampled: 02/25/2016 1250

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		03/02/2016 11:00	03/08/2016 15:02	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		03/02/2016 11:00	03/08/2016 10:06	MDS	EPA 7010
Dissolved Barium	15.6	ug/L	0.70	2.2	1			03/01/2016 23:05	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			03/01/2016 23:05	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			03/01/2016 23:05	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			03/01/2016 23:05	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			03/01/2016 23:05	NAH	EPA 6010C
Dissolved Manganese	2.5	ug/L	1.6 *	5.3	1			03/01/2016 23:05	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			03/01/2016 23:05	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			03/01/2016 23:05	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		03/10/2016 07:00	03/11/2016 09:58	LJF	EPA 7470A
Dissolved Boron	0.0030	mg/L	0.0030 *	0.010	1			03/01/2016 23:05	NAH	EPA 6010C
Dissolved Hardness	155	mg/L	0.032	0.11	1			03/01/2016 23:05	NAH	SM2340B/6010

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

CHAIN OF CUSTODY RECORD

PROJECT NO. 10-1070.12		PROJECT NAME/CLIENT Adams County Landfill			NO. OF CON- TAINERS	Field Filtered: 9 9 9 Metals, Hards Vib. 100 ALK, Arsenic										REMARKS
SAMPLERS: (Signature) Nicole Bader																
SAMPLE NO.	DATE	TIME	OM/RA	SAMPLE LOCATION/ DESCRIPTION												
1	2/25/16	10:25		MW-31	3	X	X	X						692397		
2	1	11:13		MW-30	1								692413	See extra parameters attached		
3	1	11:55		MW-30P	1								692414			
4	1	12:50		MW-29	1								692415			
5				Temp Blank	1											
Ico Present <u>Yes</u> No Temperature <u>7.4</u> Initials <u>BNA</u> Date <u>3-1-16</u> Time <u>1020</u> Cooler # <u>5361</u>					Folder # 117274 Company: AYRES ASSOCIATES Project: ADAMS Logged By: PNA PAF ET											

Ayres Project Contact: Nicole Bader, Lori Rosemore

Ayres Project Manager: Neil Carney

Invoice To: Ayres Associates

RELINQUISHED BY: (Signature) Nicole Bader	DATE / TIME 2/29/16/3:35	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)
--	-----------------------------	--------------------------	------------------------------	-------------	--------------------------

AYRES ASSOCIATES

Ayres Associates Inc.
Engineers/Architects/Scientists/Photogrammetrists
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
(715)834-3161 Fax (715)831-7500

Shipped on ice: ☒ yes ☐ no

Received on ice: ☒ yes ☐ no

Temp. if not received on ice: _____

COMMENTS:

FIELD SAMPLING REPORT

Site Name: Adam's Ctn LF

Job#: 10-1070.12

Project Manager: *NC*

Date: 3-29-16

Lab: GT Labs

Sample collector(s): MAB

Weather Conditions: Sunny, 50-60°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to:		h_t	h_b	Product Volume
	Product	Water			

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adam's Ctry LF

Job#: 10-1070, 12

Project Manager: *NC*

Date: 3-29-16

Lab: CT Labs

Sample collector(s): NAB

Weather Conditions: Sunny 50-60°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type	Description
WPF	Well	Well, PVC, Flush mt, Add Size
WPP	Well	Well, PVC, Pro-top, Add Size
WS	Well	Well, Steel, Add Size
SUR		Surface Water
LY		Lysimeter
LE		Leachate
RWS		Residential Water Supply
Sys		System, Add Inluent/Effluent
O		Other

Note 2 - Sampling Method

Code	Description
SSB_	Stainless Steel Bail, Add Length
PVCB_	PVC Bail, Add Length
TB_	Teflon Bail, Add Length
DB_	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to: Product	Water	h_i	h_o	Product Volume

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adams City LF

Job#: D-1070.12 Project Manager: NC Date: 3-29-16 Lab.: CT Labs

Sample collector(s): LAB

Weather Conditions: Sunny 50-60°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB	Stainless Steel Bail, Add Length
PVCB	PVC Bail, Add Length
TB	Teflon Bail, Add Length
DB	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 ~ Purging

Size, In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to:		h_t	h_o	Product Volume
	Product	Water			

Revised
5/8/98

FIELD SAMPLING REPORT

Site Name: Adam's Ctry LF

Job#: 10-1070.12

Project Manager, 

Date: 3-29-16

Lab: PT Labs

Sample collector(s): NAB

Weather Conditions: Sunny, 50-60°F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

Code	Type Description
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

Code	Description
SSB	Stainless Steel Bail, Add Length
PVCB	PVC Bail, Add Length
TB	Teflon Bail, Add Length
DB	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well I.D.	Depth to: Product	Water	h_t	h_o	Product Volume

Revised
5/8/98

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS COUNTY LANDFILL
 Project Phase:
 Contract #: 1451
 Project #:
 Folder #: 117926
 Purchase Order #:

Page 1 of 6
 Arrival Temperature: See COC
 Report Date: 04/13/2016
 Date Received: 03/31/2016
 Reprint Date: 04/13/2016

CT LAB Sample#: 701807 Sample Description: MW-31

Sampled: 03/29/2016 1125

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	280	mg/L	5.0	18	1			04/01/2016 13:57	MER	EPA 310.2
Dissolved COD	<14	mg/L	14	47	1		04/06/2016 10:00	04/06/2016 15:30	LJS	EPA 410.4
Dissolved Chloride	1.7	mg/L	1.0 *	3.5	1			03/31/2016 15:43	JJF	EPA 9056A
Dissolved Fluoride	0.12	mg/L	0.12 *	0.42	1			03/31/2016 15:43	JJF	EPA 9056A
Dissolved Sulfate	15	mg/L	1.0	3.4	1			03/31/2016 15:43	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	<0.045	mg/L	0.045	0.15	1			04/07/2016 13:53	MER	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		04/01/2016 10:00	04/11/2016 11:41	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		04/01/2016 10:00	04/08/2016 09:14	MDS	EPA 7010
Dissolved Barium	17.9	ug/L	0.70	2.2	1			04/01/2016 18:21	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			04/01/2016 18:21	NAH	EPA 6010C
Dissolved Chromium	2.1	ug/L	1.0 *	3.4	1			04/01/2016 18:21	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			04/01/2016 18:21	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			04/01/2016 18:21	NAH	EPA 6010C
Dissolved Manganese	4.6	ug/L	1.6 *	5.3	1			04/01/2016 18:21	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 701807 Sample Description: MW-31

Sampled: 03/29/2016 1125

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Selenium	<12	ug/L	12	40	1			04/01/2016 18:21	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			04/01/2016 18:21	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			04/01/2016 18:21	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		04/01/2016 08:00	04/04/2016 11:04	LJF	EPA 7470A
Dissolved Boron	0.0105	mg/L	0.0030	0.010	1			04/01/2016 18:21	NAH	EPA 6010C
Dissolved Hardness	254	mg/L	0.032	0.11	1			04/01/2016 18:21	NAH	SM2340B/6010

CT LAB Sample#: 701844 Sample Description: MW-30

Sampled: 03/29/2016 1205

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	97	mg/L	5.0	18	1			04/01/2016 13:58	MER	EPA 310.2
Dissolved COD	<14	mg/L	14	47	1		04/06/2016 10:00	04/06/2016 15:30	LJS	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			03/31/2016 16:04	JJF	EPA 9056A
Dissolved Fluoride	0.15	mg/L	0.12 *	0.42	1			03/31/2016 16:04	JJF	EPA 9056A
Dissolved Sulfate	4.3	mg/L	1.0	3.4	1			03/31/2016 16:04	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen, Diss	1.1	mg/L	0.045	0.15	1			04/07/2016 13:54	MER	EPA 353.2
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		04/01/2016 10:00	04/11/2016 11:47	MDS	EPA 7010
Dissolved Thallium	<0.40	ug/L	0.40	1.4	1	M		04/05/2016 10:33	MDS	EPA 7010
Dissolved Antimony	<1.2	ug/L	1.2	3.7	1			04/04/2016 09:36	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		04/01/2016 10:00	04/08/2016 09:19	MDS	EPA 7010
Dissolved Barium	7.6	ug/L	0.70	2.2	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Beryllium	<0.29	ug/L	0.29	0.96	1			04/01/2016 18:28	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 701844 Sample Description: MW-30

Sampled: 03/29/2016 1205

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Chromium	1.0	ug/L	1.0 *	3.4	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Cobalt	<1.2	ug/L	1.2	4.1	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Manganese	2.4	ug/L	1.6 *	5.3	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Nickel	1.4	ug/L	1.2 *	4.0	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Vanadium	<1.5	ug/L	1.5	4.9	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		04/01/2016 08:00	04/04/2016 11:17	LJF	EPA 7470A
Dissolved Boron	0.0112	mg/L	0.0030	0.010	1			04/01/2016 18:28	NAH	EPA 6010C
Dissolved Hardness	89.6	mg/L	0.032	0.11	1			04/01/2016 18:28	NAH	SM2340B/6010

CT LAB Sample#: 701845 Sample Description: MW-30P

Sampled: 03/29/2016 1250

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	120	mg/L	5.0	18	1			04/01/2016 14:01	MER	EPA 310.2
Dissolved COD	<14	mg/L	14	47	1		04/06/2016 10:00	04/06/2016 15:30	LJS	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			03/31/2016 17:07	JJF	EPA 9056A
Dissolved Fluoride	0.12	mg/L	0.12 *	0.42	1			03/31/2016 17:07	JJF	EPA 9056A
Dissolved Sulfate	7.3	mg/L	1.0	3.4	1			03/31/2016 17:07	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	1.3	mg/L	0.045	0.15	1			04/07/2016 13:57	MER	EPA 353.2

Metals Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 701845 Sample Description: MW-30P

Sampled: 03/29/2016 1250

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		04/01/2016 10:00	04/11/2016 11:53	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		04/01/2016 10:00	04/08/2016 09:25	MDS	EPA 7010
Dissolved Barium	10.4	ug/L	0.70	2.2	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Chromium	1.4	ug/L	1.0 *	3.4	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Manganese	9.3	ug/L	1.6	5.3	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Selenium	<12	ug/L	12	40	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		04/01/2016 08:00	04/04/2016 11:19	LJF	EPA 7470A
Dissolved Boron	0.0034	mg/L	0.0030 *	0.010	1			04/01/2016 18:35	NAH	EPA 6010C
Dissolved Hardness	108	mg/L	0.032	0.11	1			04/01/2016 18:35	NAH	SM2340B/6010

CT LAB Sample#: 701846 Sample Description: MW-29

Sampled: 03/29/2016 1330

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	190	mg/L	5.0	18	1			04/01/2016 14:02	MER	EPA 310.2
Dissolved COD	<14	mg/L	14	47	1		04/06/2016 10:00	04/06/2016 15:30	LJS	EPA 410.4
Dissolved Chloride	<1.0	mg/L	1.0	3.5	1			03/31/2016 17:28	JJF	EPA 9056A
Dissolved Fluoride	<0.12	mg/L	0.12	0.42	1			03/31/2016 17:28	JJF	EPA 9056A
Dissolved Sulfate	8.9	mg/L	1.0	3.4	1			03/31/2016 17:28	JJF	EPA 9056A
Nitrate+Nitrite Nitrogen,Diss	<0.045	mg/L	0.045	0.15	1			04/07/2016 13:59	MER	EPA 353.2

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 701846 Sample Description: MW-29

Sampled: 03/29/2016 1330

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Arsenic	<0.50	ug/L	0.50	1.6	1		04/01/2016 10:00	04/11/2016 12:12	MDS	EPA 7010
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		04/01/2016 10:00	04/08/2016 09:42	MDS	EPA 7010
Dissolved Barium	14.3	ug/L	0.70	2.2	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Selenium	<12	ug/L	12	40	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Zinc	<1.9	ug/L	1.9	6.2	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		04/01/2016 08:00	04/04/2016 11:21	LJF	EPA 7470A
Dissolved Boron	0.0044	mg/L	0.0030 *	0.010	1			04/01/2016 18:42	NAH	EPA 6010C
Dissolved Hardness	169	mg/L	0.032	0.11	1			04/01/2016 18:42	NAH	SM2340B/6010

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

Site Name: Adam's City Landfill Job#: 10-1070.12 Project Manager: LAR, NC Date: 5-26-16
Sample collector(s): UAB Weather Conditions: Sunny ~80°F Lab.: CT Labs
Sampling Sequence: _____ Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type</u>	<u>Description</u>
WPF__	Well, PVC	Flush mt, Add Size
WPP__	Well, PVC	Pro-top, Add Size
WS__	Well, Steel	Add Size
SUR	Surface Water	
LY	Lysimeter	
LE	Leachate	
RWS	Residential Water Supply	
Sys__	System, Add Influent/Effluent	
O	Other	

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

Site Name: Adam's Ck LF Job#: 10-1070.12 Project Manager: LAR, NC Date: 5-26-10
Sample collector(s): NAB Weather Conditions: Sunny ~ 80°F Lab.: CT Labs
Sampling Sequence: _____ Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type</u>	<u>Description</u>
WPF__	Well, PVC, Flush mt, Add Size	
WPP__	Well, PVC, Pro-top, Add Size	
WS__	Well, Steel, Add Size	
SUR	Surface Water	
LY	Lysimeter	
LE	Leachate	
RWS	Residential Water Supply	
Sys__	System, Add Influent/Effluent	
O	Other	

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size, In., I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

FIELD SAMPLING REPORT

Site Name: Adam's City LF Job#: 10-1070.12 Project Manager: LAR, NC Date: 5-26-16
Sample collector(s): NAB Weather Conditions: Sunny, 280°F Lab.: Ut Labs
Sampling Sequence: _____ Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type</u>	<u>Description</u>
WPF__	Well, PVC, Flush mt, Add Size	
WPP__	Well, PVC, Pro-top, Add Size	
WS__	Well, Steel, Add Size	
SUR	Surface Water	
LY	Lysimeter	
LE	Leachate	
RWS	Residential Water Supply	
Sys__	System, Add Influent/Effluent	
O	Other	

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size, In., I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

FIELD SAMPLING REPORT

Site Name: Adam's Cdy LF Job#: 10-1070.12 Project Manager: LAR, NC Date: 5-26-16
Sample collector(s): NAB Weather Conditions: Sunny ~80°F Lab.: CT Labs
Sampling Sequence: _____ Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type Description</u>
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size in I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

ANALYTICAL REPORT

AYRES ASSOCIATES
LORI ROSEMORE
3433 OAKWOOD HILLS PKWY
EAU CLAIRE, WI 54701-1590

Project Name: ADAMS COUNTY LANDFILL
Project Phase:
Contract #: 1451
Project #:
Folder #: 119387
Purchase Order #:

Page 1 of 3
Arrival Temperature: See COC
Report Date: 06/09/2016
Date Received: 06/01/2016
Reprint Date: 06/09/2016

CT LAB Sample#: 730361 Sample Description: MW-31 Sampled: 05/26/2016 1050

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	280	mg/L	5.0	18	1			06/08/2016 10:42	LJS	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		06/02/2016 10:00	06/02/2016 13:36	LJS	EPA 9012A
Dissolved Chloride	1.7	mg/L	0.70 *	2.4	1			06/03/2016 00:37	JJF	EPA 9056A
Metals Results										
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			06/03/2016 23:10	NAH	EPA 6010C
Dissolved Hardness	273	mg/L	0.032	0.11	1			06/03/2016 23:10	NAH	SM2340B/6010

CT LAB Sample#: 730365 Sample Description: MW-30 Sampled: 05/26/2016 1135

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	97	mg/L	5.0	18	1			06/08/2016 10:47	LJS	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		06/02/2016 10:00	06/02/2016 13:46	LJS	EPA 9012A
Dissolved Chloride	1.0	mg/L	0.70 *	2.4	1			06/03/2016 00:58	JJF	EPA 9056A

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 730365 Sample Description: MW-30 Sampled: 05/26/2016 1135

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			06/03/2016 23:36	NAH	EPA 6010C
Dissolved Hardness	97.9	mg/L	0.032	0.11	1			06/03/2016 23:36	NAH	SM2340B/6010

CT LAB Sample#: 730366 Sample Description: MW-30P Sampled: 05/26/2016 1215

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	120	mg/L	5.0	18	1			06/08/2016 10:48	LJS	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		06/02/2016 10:00	06/02/2016 13:50	LJS	EPA 9012A
Dissolved Chloride	1.1	mg/L	0.70 *	2.4	1			06/03/2016 01:19	JJF	EPA 9056A
Metals Results										
Dissolved Hardness	121	mg/L	0.032	0.11	1			06/03/2016 23:43	NAH	SM2340B/6010

CT LAB Sample#: 730367 Sample Description: MW-29 Sampled: 05/26/2016 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	200	mg/L	5.0	18	1			06/08/2016 10:49	LJS	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		06/02/2016 10:00	06/02/2016 14:00	LJS	EPA 9012A
Dissolved Chloride	1.7	mg/L	0.70 *	2.4	1			06/03/2016 01:40	JJF	EPA 9056A
Metals Results										
Dissolved Hardness	194	mg/L	0.032	0.11	1	M		06/03/2016 23:50	NAH	SM2340B/6010

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

Site Name: Adam's Ctn LF

Job#: 10-1670.12

Project Manager:

Date: 6-27-16

Weather Conditions: Cloudy - 61°F

Lab.: U Labs

Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type Description</u>
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size, In., I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

FIELD SAMPLING REPORT

Site Name: Adam's City LF Job#: 10-1070.12 Project Manager: UC Date: 6-27-16
Sample collector(s): NAB Weather Conditions: Sunny, ~73°F Lab.: CI Labs
Sampling Sequence: _____ Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type Description</u>
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size, In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

Site Name: Adam's City LF Job#: 10-1070.12 Project Manager: NC Date: 10-27-16
Sample collector(s): IAS Weather Conditions: Sunny ~73°F Lab.: CT Labs
Sampling Sequence: _____ Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type</u>	<u>Description</u>
WPF__	Well, PVC, Flush mt, Add Size	
WPP__	Well, PVC, Pro-top, Add Size	
WS___	Well, Steel, Add Size	
SUR	Surface Water	
LY	Lysimeter	
LE	Leachate	
RWS	Residential Water Supply	
Sys__	System, Add Influent/Effluent	
O	Other	

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size, In., I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

PRODUCT COLLECTION DATA

Well Id.	Depth to Product	Water	h1	h2	Product Volume

Site Name: Adam's City LF Job#: 10-1070.12 Project Manager: NC Date: 6-27-16
Sample collector(s): JAB Weather Conditions: Sunny ~73°F Lab.: CT Labs
Sampling Sequence: _____ Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type</u>	<u>Description</u>
WPF__	Well, PVC, Flush mt, Add Size	
WPP__	Well, PVC, Pro-top, Add Size	
WS__	Well, Steel, Add Size	
SUR	Surface Water	
LY	Lysimeter	
LE	Leachate	
RWS	Residential Water Supply	
Sys__	System, Add Influent/Effluent	
O	Other	

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

<u>Size, in., I.D.</u>	<u>gallons/ft</u>
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

PRODUCT COLLECTION DATA

Well Id.	Depth to Product	Water	h1	h2	Product Volume

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS CO LF
 Project Phase:
 Contract #: 1451
 Project #: 10-1070.12
 Folder #: 120075
 Purchase Order #:

Page 1 of 9
 Arrival Temperature: See COC
 Report Date: 07/11/2016
 Date Received: 06/29/2016
 Reprint Date: 07/11/2016

CT LAB Sample#: 739919 Sample Description: MW-31 Sampled: 06/27/2016 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	290	mg/L	5.0	18	1			07/05/2016 14:37	LJS	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 11:29	MER	EPA 9012A
Dissolved Chloride	2.2	mg/L	0.70 *	2.4	1			06/29/2016 16:55	JJF	EPA 9056A
Metals Results										
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			06/30/2016 13:56	NAH	EPA 6010C
Dissolved Hardness	249	mg/L	0.032	0.11	1			06/30/2016 13:56	NAH	SM2340B/6010

CT LAB Sample#: 739920 Sample Description: MW-3P Sampled: 06/27/2016 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 11:32	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		07/05/2016 09:00	07/08/2016 11:50	MDS	EPA 7010

CT LAB Sample#: 739920 Sample Description: MW-3P

Sampled: 06/27/2016 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			06/30/2016 14:03	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			06/30/2016 14:03	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			06/30/2016 14:03	NAH	EPA 6010C
Dissolved Lead	1.9	ug/L	1.5 *	5.0	1			06/30/2016 14:03	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			06/30/2016 14:03	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			06/30/2016 14:03	NAH	EPA 6010C
Dissolved Mercury	0.091	ug/L	0.020	0.066	1		07/07/2016 08:00	07/08/2016 10:05	LJF	EPA 7470A

CT LAB Sample#: 739922 Sample Description: MW-3

Sampled: 06/27/2016 1047

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 11:36	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		07/05/2016 09:00	07/08/2016 12:07	MDS	EPA 7010
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			06/30/2016 14:10	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			06/30/2016 14:10	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			06/30/2016 14:10	NAH	EPA 6010C
Dissolved Lead	1.7	ug/L	1.5 *	5.0	1			06/30/2016 14:10	NAH	EPA 6010C
Dissolved Manganese	1.8	ug/L	1.6 *	5.3	1			06/30/2016 14:10	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			06/30/2016 14:10	NAH	EPA 6010C
Dissolved Mercury	0.090	ug/L	0.020	0.066	1		07/07/2016 08:00	07/08/2016 10:07	LJF	EPA 7470A

CT LAB Sample#: 739923 Sample Description: MW-17

Sampled: 06/27/2016 1145

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 11:43	MER	EPA 9012A
Metals Results										
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			06/30/2016 14:17	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			06/30/2016 14:17	NAH	EPA 6010C

CT LAB Sample#: 739924 Sample Description: MW-17P

Sampled: 06/27/2016 1220

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 11:46	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		07/05/2016 09:00	07/08/2016 12:24	MDS	EPA 7010
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			06/30/2016 14:24	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			06/30/2016 14:24	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			06/30/2016 14:24	NAH	EPA 6010C
Dissolved Lead	1.9	ug/L	1.5 *	5.0	1			06/30/2016 14:24	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			06/30/2016 14:24	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			06/30/2016 14:24	NAH	EPA 6010C
Dissolved Mercury	0.090	ug/L	0.020	0.066	1		07/07/2016 08:00	07/08/2016 10:09	LJF	EPA 7470A

CT LAB Sample#: 739925 Sample Description: MW-30

Sampled: 06/27/2016 1245

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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CT LAB Sample#: 739925 Sample Description: MW-30

Sampled: 06/27/2016 1245

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Alkalinity Dissolved	110	mg/L	5.0	18	1			07/05/2016 14:39	LJS	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 11:49	MER	EPA 9012A
Dissolved Chloride	1.1	mg/L	0.70 *	2.4	1			06/29/2016 17:12	JJF	EPA 9056A

Metals Results

Dissolved Lead	1.8	ug/L	1.5 *	5.0	1			06/30/2016 14:31	NAH	EPA 6010C
Dissolved Hardness	97.5	mg/L	0.032	0.11	1			06/30/2016 14:31	NAH	SM2340B/6010

CT LAB Sample#: 739926 Sample Description: MW-30P

Sampled: 06/27/2016 1307

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Alkalinity Dissolved	130	mg/L	5.0	18	1			07/05/2016 14:40	LJS	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 12:07	MER	EPA 9012A
Dissolved Chloride	1.2	mg/L	0.70 *	2.4	1			06/29/2016 17:29	JJF	EPA 9056A

Metals Results

Dissolved Hardness	114	mg/L	0.032	0.11	1			06/30/2016 14:38	NAH	SM2340B/6010
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CT LAB Sample#: 739927 Sample Description: MW-29

Sampled: 06/27/2016 1342

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Alkalinity Dissolved	200	mg/L	5.0	18	1			07/05/2016 14:41	LJS	EPA 310.2
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CT LAB Sample#: 739927 Sample Description: MW-29

Sampled: 06/27/2016 1342

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 12:10	MER	EPA 9012A
Dissolved Chloride	1.8	mg/L	0.70 *	2.4	1			06/29/2016 17:45	JJF	EPA 9056A
Metals Results										
Dissolved Hardness	173	mg/L	0.032	0.11	1			06/30/2016 14:46	NAH	SM2340B/6010

CT LAB Sample#: 739929 Sample Description: MW-2

Sampled: 06/27/2016 1405

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 12:13	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		07/05/2016 09:00	07/08/2016 12:30	MDS	EPA 7010
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			06/30/2016 14:53	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			06/30/2016 14:53	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			06/30/2016 14:53	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			06/30/2016 14:53	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			06/30/2016 14:53	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			06/30/2016 14:53	NAH	EPA 6010C
Dissolved Mercury	0.084	ug/L	0.020	0.066	1		07/07/2016 08:00	07/08/2016 10:15	LJF	EPA 7470A

CT LAB Sample#: 739930 Sample Description: MW-2P

Sampled: 06/27/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 739930 Sample Description: MW-2P

Sampled: 06/27/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 12:17	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		07/05/2016 09:00	07/08/2016 12:36	MDS	EPA 7010
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			06/30/2016 15:19	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			06/30/2016 15:19	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			06/30/2016 15:19	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			06/30/2016 15:19	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			06/30/2016 15:19	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			06/30/2016 15:19	NAH	EPA 6010C
Dissolved Mercury	0.090	ug/L	0.020	0.066	1		07/07/2016 08:00	07/08/2016 10:18	LJF	EPA 7470A

CT LAB Sample#: 739931 Sample Description: MW-19P

Sampled: 06/27/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 12:20	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		07/05/2016 09:00	07/08/2016 12:42	MDS	EPA 7010
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			06/30/2016 15:26	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			06/30/2016 15:26	NAH	EPA 6010C
Dissolved Copper	2.7	ug/L	1.6 *	5.5	1			06/30/2016 15:26	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			06/30/2016 15:26	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			06/30/2016 15:26	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			06/30/2016 15:26	NAH	EPA 6010C

CT LAB Sample#: 739931 Sample Description: MW-19P

Sampled: 06/27/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Mercury	0.091	ug/L	0.020	0.066	1		07/07/2016 08:00	07/08/2016 10:20	LJF	EPA 7470A

CT LAB Sample#: 739932 Sample Description: MW-16

Sampled: 06/27/2016 1650

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 12:24	MER	EPA 9012A
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Metals Results

Dissolved Copper	<1.6	ug/L	1.6	5.5	1			06/30/2016 15:33	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			06/30/2016 15:33	NAH	EPA 6010C

CT LAB Sample#: 739933 Sample Description: MW-19

Sampled: 06/27/2016 1800

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Dissolved Cyanide	<6.0	ug/L	6.0	19	1		07/07/2016 09:37	07/07/2016 12:27	MER	EPA 9012A
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Metals Results

Dissolved Selenium	<1.2	ug/L	1.2	3.8	1		07/05/2016 09:00	07/08/2016 12:47	MDS	EPA 7010
Dissolved Cadmium	<0.26	ug/L	0.26	0.87	1			06/30/2016 15:40	NAH	EPA 6010C
Dissolved Chromium	<1.0	ug/L	1.0	3.4	1			06/30/2016 15:40	NAH	EPA 6010C
Dissolved Copper	<1.6	ug/L	1.6	5.5	1			06/30/2016 15:40	NAH	EPA 6010C
Dissolved Lead	<1.5	ug/L	1.5	5.0	1			06/30/2016 15:40	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			06/30/2016 15:40	NAH	EPA 6010C
Dissolved Silver	<2.0	ug/L	2.0	6.8	1			06/30/2016 15:40	NAH	EPA 6010C

CT LAB Sample#: 739933 Sample Description: MW-19

Sampled: 06/27/2016 1800

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Mercury	0.098	ug/L	0.020	0.066	1		07/07/2016 08:00	07/08/2016 10:22	LJF	EPA 7470A

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
Kentucky ID# 0023
ISO/IEC 17025-2005 A2LA Cert # 3806.01
North Carolina ID# 674
Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID E871111, Expires Annually
Louisiana ID # 115843
Virginia ID# 7608
Illinois NELAP ID # 002413
Wisconsin (WOSB) ID# WI-5499-WBE
Maryland ID# 344

CHAIN OF CUSTODY RECORD

Folder # 120075

Company: AYRES ASSOCIATES

Project:

Logged By JLS PM JET

PROJECT NO.		PROJECT NAME/CLIENT			NO. OF CON- TAINERS	Field Filtered:										Company: LAYRES ASSOCIATES	
10-1070.12		Adams City Landfill				Cyanide Metals and/or Hurdles Ammonia, Alk										Project:	
SAMPLERS: (Signature) <i>Nicole Bader</i>																Logged By: JLS PM: JF	
SAMPLE NO.	DATE	TIME	OM	RA	SAMPLE LOCATION/ DESCRIPTION												
1	6-27-16	10:20			MW-31	3	X	X	X								739919
2		11:20			MW-3P	2											739920
3		10:47			MW-3	2											739922
4		11:45			MW-17	2											739923
5		12:20			MW-17P	2											739924
6		12:45			MW-30	3			X								739925
7		1:07			MW-30P	3			X								739926
8		1:42			MW-29	3			X								739927
9		2:05			MW-2	2											739929
10		2:35			MW-2P	2											739930
11		3:20			MW-19P	2											739931
12		4:50			MW-16	2											739932
13		6:00			MW-19	2											739933
14					Temp Blank	1											

Ayres Project Contact: *Nicole Bader, Lori Rosemore*

Ayres Project Manager: *Neil Carney*

Invoice To: *Ayres Associates*

RELINQUISHED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)
<i>Nicole Bader</i>	6-28-16/4:40	<i>Neil Carney</i>			

AYRES ASSOCIATES

Ayres Associates Inc.
Engineers/Architects/Scientists/Photogrammetrists
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
(715)834-3181 Fax(715)831-7500

Shipped on ice: ☒ yes ☐ no

Received on ice: ☒ yes ☐ no

Temp. if not received on ice: _____

COMMENTS: *See Attached for specific metals for each sample*

Calcer #: 5662 0.1° 6/29/16 1045

4/29/16
115

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS CTY FEASIBILITY
 Project Phase:
 Contract #: 1451
 Project #:
 Folder #: 120458
 Purchase Order #:

Page 1 of 8
 Arrival Temperature: See COC
 Report Date: 07/22/2016
 Date Received: 07/14/2016
 Reprint Date: 07/22/2016

CT LAB Sample#: 744852 Sample Description: SUPPLY WELL

Sampled: 07/12/2016 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	1.9	1			07/19/2016 14:49	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.8	1			07/19/2016 14:49	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.70	ug/L	0.70	2.4	1			07/19/2016 14:49	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.40	ug/L	0.40	1.5	1			07/19/2016 14:49	AGK	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			07/19/2016 14:49	AGK	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.5	1			07/19/2016 14:49	AGK	EPA 8260C
1,1-Dichloropropene	<0.70	ug/L	0.70	2.2	1			07/19/2016 14:49	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.80	ug/L	0.80	2.6	1			07/19/2016 14:49	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.60	ug/L	0.60	1.9	1			07/19/2016 14:49	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			07/19/2016 14:49	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.2	1			07/19/2016 14:49	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			07/19/2016 14:49	AGK	EPA 8260C
1,2-Dibromoethane	<0.60	ug/L	0.60	1.8	1			07/19/2016 14:49	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.9	1			07/19/2016 14:49	AGK	EPA 8260C
1,2-Dichloroethane	<0.26	ug/L	0.26	0.87	1			07/19/2016 14:49	AGK	EPA 8260C

CT LAB Sample#: 744852 Sample Description: SUPPLY WELL

Sampled: 07/12/2016 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dichloropropane	<0.40	ug/L	0.40	1.4	1			07/19/2016 14:49	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			07/19/2016 14:49	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			07/19/2016 14:49	AGK	EPA 8260C
1,3-Dichloropropane	<0.50	ug/L	0.50	1.6	1			07/19/2016 14:49	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.60	ug/L	0.60	2.0	1			07/19/2016 14:49	AGK	EPA 8260C
2,2-Dichloropropane	<0.50	ug/L	0.50	1.6	1			07/19/2016 14:49	AGK	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	14	1			07/19/2016 14:49	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.4	1			07/19/2016 14:49	AGK	EPA 8260C
2-Hexanone	<7.0	ug/L	7.0	24	1			07/19/2016 14:49	AGK	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.5	1			07/19/2016 14:49	AGK	EPA 8260C
4-Methyl-2-pentanone	<6.0	ug/L	6.0	19	1			07/19/2016 14:49	AGK	EPA 8260C
Acetone	<9.0	ug/L	9.0	30	1			07/19/2016 14:49	AGK	EPA 8260C
Benzene	<0.24	ug/L	0.24	0.81	1			07/19/2016 14:49	AGK	EPA 8260C
Bromobenzene	<0.60	ug/L	0.60	1.9	1			07/19/2016 14:49	AGK	EPA 8260C
Bromochloromethane	<0.80	ug/L	0.80	2.5	1			07/19/2016 14:49	AGK	EPA 8260C
Bromodichloromethane	<0.40	ug/L	0.40	1.4	1			07/19/2016 14:49	AGK	EPA 8260C
Bromoform	<0.70	ug/L	0.70	2.3	1			07/19/2016 14:49	AGK	EPA 8260C
Bromomethane	<0.70	ug/L	0.70	2.4	1			07/19/2016 14:49	AGK	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.6	1			07/19/2016 14:49	AGK	EPA 8260C
Carbon tetrachloride	<0.50	ug/L	0.50	1.6	1			07/19/2016 14:49	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.5	1			07/19/2016 14:49	AGK	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			07/19/2016 14:49	AGK	EPA 8260C
Chloroform	<0.30	ug/L	0.30	0.90	1			07/19/2016 14:49	AGK	EPA 8260C
Chloromethane	<0.70	ug/L	0.70	2.5	1			07/19/2016 14:49	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			07/19/2016 14:49	AGK	EPA 8260C

CT LAB Sample#: 744852 Sample Description: SUPPLY WELL

Sampled: 07/12/2016 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.2	1			07/19/2016 14:49	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.4	1			07/19/2016 14:49	AGK	EPA 8260C
Dibromomethane	<0.80	ug/L	0.80	2.5	1			07/19/2016 14:49	AGK	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			07/19/2016 14:49	AGK	EPA 8260C
Diisopropyl ether	<0.29	ug/L	0.29	0.97	1			07/19/2016 14:49	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			07/19/2016 14:49	AGK	EPA 8260C
Hexachlorobutadiene	<0.90	ug/L	0.90	2.9	1			07/19/2016 14:49	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.4	1			07/19/2016 14:49	AGK	EPA 8260C
m & p-Xylene	<0.50	ug/L	0.50	1.8	1			07/19/2016 14:49	AGK	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			07/19/2016 14:49	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.7	1			07/19/2016 14:49	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			07/19/2016 14:49	AGK	EPA 8260C
n-Propylbenzene	<0.50	ug/L	0.50	1.8	1			07/19/2016 14:49	AGK	EPA 8260C
Naphthalene	<0.70	ug/L	0.70	2.2	1			07/19/2016 14:49	AGK	EPA 8260C
o-Xylene	<0.40	ug/L	0.40	1.4	1			07/19/2016 14:49	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.5	1			07/19/2016 14:49	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			07/19/2016 14:49	AGK	EPA 8260C
Styrene	<0.50	ug/L	0.50	1.7	1			07/19/2016 14:49	AGK	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.4	1			07/19/2016 14:49	AGK	EPA 8260C
Tetrachloroethene	<0.50	ug/L	0.50	1.8	1			07/19/2016 14:49	AGK	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	10	1			07/19/2016 14:49	AGK	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	1			07/19/2016 14:49	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.60	ug/L	0.60	1.9	1			07/19/2016 14:49	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			07/19/2016 14:49	AGK	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.0	1			07/19/2016 14:49	AGK	EPA 8260C

CT LAB Sample#: 744852 Sample Description: SUPPLY WELL

Sampled: 07/12/2016 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichlorofluoromethane	<0.30	ug/L	0.30	1.1	1			07/19/2016 14:49	AGK	EPA 8260C
Vinyl acetate	<3.0	ug/L	3.0	11	1			07/19/2016 14:49	AGK	EPA 8260C
Vinyl chloride	<0.19	ug/L	0.19	0.64	1			07/19/2016 14:49	AGK	EPA 8260C

CT LAB Sample#: 744853 Sample Description: TRIP BLANK

Sampled: 07/12/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	1.9	1			07/19/2016 13:51	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.8	1			07/19/2016 13:51	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.70	ug/L	0.70	2.4	1			07/19/2016 13:51	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.40	ug/L	0.40	1.5	1			07/19/2016 13:51	AGK	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			07/19/2016 13:51	AGK	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.5	1			07/19/2016 13:51	AGK	EPA 8260C
1,1-Dichloropropene	<0.70	ug/L	0.70	2.2	1			07/19/2016 13:51	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.80	ug/L	0.80	2.6	1			07/19/2016 13:51	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.60	ug/L	0.60	1.9	1			07/19/2016 13:51	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			07/19/2016 13:51	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.2	1			07/19/2016 13:51	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			07/19/2016 13:51	AGK	EPA 8260C
1,2-Dibromoethane	<0.60	ug/L	0.60	1.8	1			07/19/2016 13:51	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.9	1			07/19/2016 13:51	AGK	EPA 8260C
1,2-Dichloroethane	<0.26	ug/L	0.26	0.87	1			07/19/2016 13:51	AGK	EPA 8260C
1,2-Dichloropropane	<0.40	ug/L	0.40	1.4	1			07/19/2016 13:51	AGK	EPA 8260C

CT LAB Sample#: 744853 Sample Description: TRIP BLANK

Sampled: 07/12/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			07/19/2016 13:51	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			07/19/2016 13:51	AGK	EPA 8260C
1,3-Dichloropropane	<0.50	ug/L	0.50	1.6	1			07/19/2016 13:51	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.60	ug/L	0.60	2.0	1			07/19/2016 13:51	AGK	EPA 8260C
2,2-Dichloropropane	<0.50	ug/L	0.50	1.6	1			07/19/2016 13:51	AGK	EPA 8260C
2-Butanone	12	ug/L	4.0 *	14	1			07/19/2016 13:51	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.4	1			07/19/2016 13:51	AGK	EPA 8260C
2-Hexanone	<7.0	ug/L	7.0	24	1			07/19/2016 13:51	AGK	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.5	1			07/19/2016 13:51	AGK	EPA 8260C
4-Methyl-2-pentanone	<6.0	ug/L	6.0	19	1			07/19/2016 13:51	AGK	EPA 8260C
Acetone	<9.0	ug/L	9.0	30	1			07/19/2016 13:51	AGK	EPA 8260C
Benzene	<0.24	ug/L	0.24	0.81	1			07/19/2016 13:51	AGK	EPA 8260C
Bromobenzene	<0.60	ug/L	0.60	1.9	1			07/19/2016 13:51	AGK	EPA 8260C
Bromochloromethane	<0.80	ug/L	0.80	2.5	1			07/19/2016 13:51	AGK	EPA 8260C
Bromodichloromethane	<0.40	ug/L	0.40	1.4	1			07/19/2016 13:51	AGK	EPA 8260C
Bromoform	<0.70	ug/L	0.70	2.3	1			07/19/2016 13:51	AGK	EPA 8260C
Bromomethane	<0.70	ug/L	0.70	2.4	1			07/19/2016 13:51	AGK	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.6	1			07/19/2016 13:51	AGK	EPA 8260C
Carbon tetrachloride	<0.50	ug/L	0.50	1.6	1			07/19/2016 13:51	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.5	1			07/19/2016 13:51	AGK	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			07/19/2016 13:51	AGK	EPA 8260C
Chloroform	<0.30	ug/L	0.30	0.90	1			07/19/2016 13:51	AGK	EPA 8260C
Chloromethane	<0.70	ug/L	0.70	2.5	1			07/19/2016 13:51	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			07/19/2016 13:51	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.2	1			07/19/2016 13:51	AGK	EPA 8260C

CT LAB Sample#: 744853 Sample Description: TRIP BLANK

Sampled: 07/12/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.40	ug/L	0.40	1.4	1			07/19/2016 13:51	AGK	EPA 8260C
Dibromomethane	<0.80	ug/L	0.80	2.5	1			07/19/2016 13:51	AGK	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			07/19/2016 13:51	AGK	EPA 8260C
Diisopropyl ether	<0.29	ug/L	0.29	0.97	1			07/19/2016 13:51	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			07/19/2016 13:51	AGK	EPA 8260C
Hexachlorobutadiene	<0.90	ug/L	0.90	2.9	1			07/19/2016 13:51	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.4	1			07/19/2016 13:51	AGK	EPA 8260C
m & p-Xylene	<0.50	ug/L	0.50	1.8	1			07/19/2016 13:51	AGK	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			07/19/2016 13:51	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.7	1			07/19/2016 13:51	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			07/19/2016 13:51	AGK	EPA 8260C
n-Propylbenzene	<0.50	ug/L	0.50	1.8	1			07/19/2016 13:51	AGK	EPA 8260C
Naphthalene	<0.70	ug/L	0.70	2.2	1			07/19/2016 13:51	AGK	EPA 8260C
o-Xylene	<0.40	ug/L	0.40	1.4	1			07/19/2016 13:51	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.5	1			07/19/2016 13:51	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			07/19/2016 13:51	AGK	EPA 8260C
Styrene	<0.50	ug/L	0.50	1.7	1			07/19/2016 13:51	AGK	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.4	1			07/19/2016 13:51	AGK	EPA 8260C
Tetrachloroethene	<0.50	ug/L	0.50	1.8	1			07/19/2016 13:51	AGK	EPA 8260C
Tetrahydrofuran	6.0	ug/L	3.0 *	10	1			07/19/2016 13:51	AGK	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	1			07/19/2016 13:51	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.60	ug/L	0.60	1.9	1			07/19/2016 13:51	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			07/19/2016 13:51	AGK	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.0	1			07/19/2016 13:51	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.1	1			07/19/2016 13:51	AGK	EPA 8260C

CT LAB Sample#: 744853 Sample Description: TRIP BLANK

Sampled: 07/12/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl acetate	<3.0	ug/L	3.0	11	1			07/19/2016 13:51	AGK	EPA 8260C
Vinyl chloride	<0.19	ug/L	0.19	0.64	1			07/19/2016 13:51	AGK	EPA 8260C

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368

Kentucky ID# 0023

ISO/IEC 17025-2005 A2LA Cert # 3806.01

North Carolina ID# 674

Wisconsin (WDNR) Chemistry ID# 157066030

Wisconsin (DATCP) Bacteriology ID# 105-289

DoD-ELAP A2LA 3806.01

GA EPD Stipulation ID E871111, Expires Annually

Louisiana ID # 115843

Virginia ID# 7608

Illinois NELAP ID # 002413

Wisconsin (WOSB) ID# WI-5499-WBE

Maryland ID# 344

FIELD SAMPLING REPORT

Site Name: Adams Co. Landfill

Job# : 16-1070.12

Project Manager: Rosemarie

Date: 5/25/17

Sample collector(s): RSS

Weather Conditions: CLEAR 65°F

Lab.: CTL - 101F

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

<u>Code</u>	<u>Type Description</u>
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

<u>Size, In. I.D.</u>	<u>gallons/ft</u>
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well Id.	Depth to Product	Water	h1	h2	Product Volume



Commercial Testing Laboratory, Inc.

514 Main Street
Phone: 715-962-3121

P.O. Box 526
Phone: 800-962-5227

Colfax, Wisconsin 54730
Fax: 715-962-4030

ANALYTICAL REPORT

Nicole Bader
Ayres Associates-DW
3433 Oakwood Hills Parkway
Eau Claire WI 54701

Report Number: 17013452 Page: 1
Report Date: 6/ 2/17
Date Received: 5/26/17
PO Number: ADAMSCO

Sample Number	Sample ID	Test	Results	Method	LOD/LOQ	Date Analyzed
17-D1069	Supply Well	Alkalinity, mg/L CaCO ₃	90	310.2	5/17	6/ 2/17
	Adams Co	Chloride, mg/L	< 2	4500Cl-E	2/7	5/30/17
	Landfill	Hardness, mg/L CaCO ₃	100	SM2340B	1/3	5/31/17
	PROJ#10-1070.12					
	5/25/17					

WDNR Laboratory ID Number: 617013980

< Means "LESS THAN" Detectable Level

Authorized by:
Pamela Gane, Lab Manager

Reviewed by: _____

Site Name: Adams Cty Landfill

Job# : 10-1070.12

Project Manager:

Date: 8-1-16

Sample collector(s):

11A8

Weather Conditions:

Sunny ~80° F

Lab.: U Labs

Sampling Sequence:

Sample Handling Methods:

I.D.	Type	Ref. Elev ft, MSL	Depth to Bottom Depth to Water feet	Depth of Water Elev. ft, MSL	Sample ² method	Purging ⁵		Sampling								Parameters															
						Date	Vol	Time	Meter #	Meter °C	Meter #	D.O.	Meter #	Sp. Cond. Ω	pH	Meter #	Eh mV	Turb. Color	Odor	U	F	U	F	U	F	U	F	U	F	U	F
						Time																									
MW 21	WP 2	969.70	41.89 29.14	12.75 940.56	DB4	8-1-16 11:35	8.2	11:45	9.5		417	7.34		High brown	-																
Comments:																															
MW 3	WP 2	964.58	41.05 28.65	12.4 936.23	DB4	8-1-16 12:00	7.9	12:15	10.9		436	8.02		low clear	-																
Comments:																															
MW 3P	WP 2	964.04	66.62 27.86	58.76 936.18	DB4	8-1-16 12:12	24.8	12:50	10.3		151.6	8.44		low clear	-																
Comments:																															
MW 17	WP 2	982.64	47.76 58.15	9.61 944.49	PB4	8-1-16 1:08	6.1	1:20	11.6		284	8.45		high tan	-																
Comments:																															
MW 17P	WP 2	982.99	80.87 46.86	34.01 936.13	DB4	8-1-16 1:25	21.7	2:00	11.5		143.4	8.65		low clear	-																
Comments:																															
MW 30	WP 2	979.49	47.0 35.84	11.16 943.65	DB4	8-1-16 2:38	7.1	2:45	12.1		184.4	8.56		high tan	-																
Comments:																															
MW 30P	WP 2	979.69	75.64 42.80	32.84 936.89	Pump	8-1-16 2:23	21.0	2:35	11.5		195.3	8.36		low clear	-																
Comments:																															

<u>Code</u>	<u>Type Description</u>
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB___	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size, In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

Site Name: Adams Ch. LF

Job#: 10-1070.12

Project Manager: NC

Date: 8-1-10

Sample collector(s): MJS

Weather Conditions: Sunny, ~80s F

Lab.: U Labs

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type</u>	<u>Description</u>
WPF__	Well, PVC,	Flush mt, Add Size
WPP__	Well, PVC,	Pro-top, Add Size
WS__	Well, Steel,	Add Size
SUR	Surface	Water
LY	Lysimeter	
LE	Leachate	
RWS	Residential Water	Supply
Sys__	System, Add	Influent/Effluent
O	Other	

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size, in. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

PRODUCT COLLECTION DATA

Well Id.	Depth to Product	Water	h1	h2	Product Volume

FIELD SAMPLING REPORT

Site Name: Adams Cty LF

Job#: 10-1070, 12 Project Manager: LC

Date: 8-11-60

Sample collector(s): MAB

Weather Conditions: Sunny ~80°F Lab.: CT Labs

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

Note 1 - Sample Type

<u>Code</u>	<u>Type Description</u>
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well Id.	Depth to Product	Water	h1	h2	Product Volume

Site Name: Adams City LF Job#: 10-1070.12 Project Manager: MC Date: 8-1-16
Sample collector(s): NAB Weather Conditions: Sunny ~80°F Lab.: CT Labs
Sampling Sequence: _____ Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type Description</u>
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size (in. I.D.)	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS CTY LANDFILL
 Project Phase:
 Contract #: 1451
 Project #: 10-1070.12
 Folder #: 120935
 Purchase Order #:

Page 1 of 9
 Arrival Temperature: See COC
 Report Date: 08/16/2016
 Date Received: 08/03/2016
 Reprint Date: 08/16/2016

CT LAB Sample#: 751277	Sample Description: MW-31	License #:03150	Sampled: 08/01/2016 1145
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	280	mg/L	5.0	18	1			08/08/2016 12:02	SAW	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 11:39	LJS	EPA 9012A
Dissolved Chloride	2.5	mg/L	0.70	2.4	1			08/04/2016 11:31	JJF	EPA 9056A
Metals Results										
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			08/04/2016 13:20	NAH	EPA 6010C
Dissolved Hardness	248	mg/L	0.18	0.61	1			08/04/2016 13:20	NAH	SM2340B/6010

CT LAB Sample#: 751278	Sample Description: MW-3	License/Well #: 03150/005	Sampled: 08/01/2016 1215
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 11:49	LJS	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		08/04/2016 12:30	08/12/2016 09:20	MDS	EPA 7010

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 751278 Sample Description: MW-3 License/Well #: 03150/005 Sampled: 08/01/2016 1215

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			08/04/2016 13:58	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			08/04/2016 13:58	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			08/04/2016 13:58	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			08/04/2016 13:58	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			08/04/2016 13:58	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			08/04/2016 13:58	NAH	EPA 6010C
Dissolved Mercury	0.043	ug/L	0.020 *	0.066	1		08/04/2016 08:00	08/05/2016 08:53	LJF	EPA 7470A

CT LAB Sample#: 751279 Sample Description: MW-3P License/Well #: 03150/006 Sampled: 08/01/2016 1250

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 11:52	LJS	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		08/04/2016 12:30	08/12/2016 09:45	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			08/04/2016 14:05	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			08/04/2016 14:05	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			08/04/2016 14:05	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			08/04/2016 14:05	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			08/04/2016 14:05	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			08/04/2016 14:05	NAH	EPA 6010C
Dissolved Mercury	0.052	ug/L	0.020 *	0.066	1		08/04/2016 08:00	08/05/2016 08:55	LJF	EPA 7470A

CT LAB Sample#: 751280 Sample Description: MW-17 License/Well #: 03150/014 Sampled: 08/01/2016 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:03	LJS	EPA 9012A
Metals Results										
Dissolved Copper	33.1	ug/L	3.9	13	1			08/04/2016 14:12	NAH	EPA 6010C
Dissolved Manganese	2.4	ug/L	2.2 *	7.3	1			08/04/2016 14:12	NAH	EPA 6010C

CT LAB Sample#: 751281 Sample Description: MW-17P License/Well #: 03150/015 Sampled: 08/01/2016 1400

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:06	LJS	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		08/04/2016 12:30	08/15/2016 10:40	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			08/04/2016 14:18	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			08/04/2016 14:18	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			08/04/2016 14:18	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			08/04/2016 14:18	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			08/04/2016 14:18	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			08/04/2016 14:18	NAH	EPA 6010C
Dissolved Mercury	0.046	ug/L	0.020 *	0.066	1		08/04/2016 08:00	08/05/2016 09:05	LJF	EPA 7470A

CT LAB Sample#: 751282 Sample Description: MW-30P License #:03150 Sampled: 08/01/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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CT LAB Sample#: 751282	Sample Description: MW-30P	License #:03150	Sampled: 08/01/2016 1435
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Alkalinity Dissolved	120	mg/L	5.0	18	1			08/08/2016 12:04	SAW	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:10	LJS	EPA 9012A
Dissolved Chloride	1.2	mg/L	0.70 *	2.4	1			08/04/2016 12:21	JJF	EPA 9056A

Metals Results

Dissolved Hardness	116	mg/L	0.18	0.61	1			08/04/2016 14:25	NAH	SM2340B/6010
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CT LAB Sample#: 751283	Sample Description: MW-30	License #:03150	Sampled: 08/01/2016 1445
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Alkalinity Dissolved	110	mg/L	5.0	18	1			08/08/2016 12:05	SAW	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:13	LJS	EPA 9012A
Dissolved Chloride	1.5	mg/L	0.70 *	2.4	1			08/04/2016 12:38	JJF	EPA 9056A

Metals Results

Dissolved Lead	<1.3	ug/L	1.3	4.2	1			08/04/2016 14:32	NAH	EPA 6010C
Dissolved Hardness	105	mg/L	0.18	0.61	1			08/04/2016 14:32	NAH	SM2340B/6010

CT LAB Sample#: 751284	Sample Description: MW-29	License #:03150	Sampled: 08/01/2016 1517
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Alkalinity Dissolved	200	mg/L	5.0	18	1			08/08/2016 12:07	SAW	EPA 310.2
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CT LAB Sample#: 751284	Sample Description: MW-29	License #:03150	Sampled: 08/01/2016 1517
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:16	LJS	EPA 9012A
Dissolved Chloride	1.7	mg/L	0.70 *	2.4	1			08/04/2016 12:55	JJF	EPA 9056A

Metals Results

Dissolved Hardness	177	mg/L	0.18	0.61	1			08/04/2016 14:39	NAH	SM2340B/6010
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CT LAB Sample#: 751285	Sample Description: MW-2	License/Well #: 03150/003	Sampled: 08/01/2016 1542
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:20	LJS	EPA 9012A

Inorganic Results

Metals Results

Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		08/04/2016 12:30	08/15/2016 10:45	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			08/04/2016 14:46	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			08/04/2016 14:46	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			08/04/2016 14:46	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			08/04/2016 14:46	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			08/04/2016 14:46	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			08/04/2016 14:46	NAH	EPA 6010C
Dissolved Mercury	0.056	ug/L	0.020 *	0.066	1		08/04/2016 08:00	08/05/2016 09:07	LJF	EPA 7470A

CT LAB Sample#: 751286	Sample Description: MW-2P	License/Well #: 03150/004	Sampled: 08/01/2016 1600
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 751286 Sample Description: MW-2P License/Well #: 03150/004 Sampled: 08/01/2016 1600

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:23	LJS	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		08/04/2016 12:30	08/15/2016 10:51	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			08/04/2016 15:11	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			08/04/2016 15:11	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			08/04/2016 15:11	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			08/04/2016 15:11	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			08/04/2016 15:11	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			08/04/2016 15:11	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		08/04/2016 08:00	08/05/2016 09:16	LJF	EPA 7470A

CT LAB Sample#: 751287 Sample Description: MW-19 License/Well #: 03150/018 Sampled: 08/01/2016 1632

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:27	LJS	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		08/04/2016 12:30	08/15/2016 10:57	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			08/04/2016 15:18	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			08/04/2016 15:18	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			08/04/2016 15:18	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			08/04/2016 15:18	NAH	EPA 6010C
Dissolved Manganese	3.1	ug/L	2.2 *	7.3	1			08/04/2016 15:18	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			08/04/2016 15:18	NAH	EPA 6010C

CT LAB Sample#: 751287 Sample Description: MW-19 License/Well #: 03150/018 Sampled: 08/01/2016 1632

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Mercury	0.049	ug/L	0.020 *	0.066	1		08/04/2016 08:00	08/05/2016 09:18	LJF	EPA 7470A

CT LAB Sample#: 751288 Sample Description: MW-19P License/Well #: 03150/019 Sampled: 08/01/2016 1645

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:36	LJS	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		08/04/2016 12:30	08/15/2016 11:03	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			08/04/2016 15:25	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			08/04/2016 15:25	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			08/04/2016 15:25	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			08/04/2016 15:25	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			08/04/2016 15:25	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			08/04/2016 15:25	NAH	EPA 6010C
Dissolved Mercury	0.057	ug/L	0.020 *	0.066	1		08/04/2016 08:00	08/05/2016 09:20	LJF	EPA 7470A

CT LAB Sample#: 751289 Sample Description: MW-16 License/Well #: 03150/013 Sampled: 08/01/2016 1810

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		08/08/2016 10:00	08/08/2016 12:40	LJS	EPA 9012A
Metals Results										
Dissolved Copper	<3.9	ug/L	3.9	13	1			08/04/2016 15:32	NAH	EPA 6010C

CT LAB Sample#: 751289 Sample Description: MW-16	License/Well #: 03150/013 Sampled: 08/01/2016 1810
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			08/04/2016 15:32	NAH	EPA 6010C

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
Kentucky ID# 0023
ISO/IEC 17025-2005 A2LA Cert # 3806.01
North Carolina ID# 674
Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID E871111, Expires Annually
Louisiana ID # 115843
Virginia ID# 7608
Illinois NELAP ID # 002413
Wisconsin (WOSB) ID# WI-5499-WBE
Maryland ID# 344

CHAIN OF CUSTODY RECORD

PROJECT NO. 10-107012		PROJECT NAME/CLIENT Adams City Landfill		NO. OF CONTAINERS	Field Filtered: ☒ <i>Cyanide</i> ☒ <i>Metals + Ion Heavy</i> ☒ <i>Arsenic, Hg, Pb</i>										REMARKS		
SAMPLERS: (Signature) <i>Neil Carney</i>																	
SAMPLE NO.	DATE	TIME	OM/RA	SAMPLE LOCATION/ DESCRIPTION													
1	8-16	11:45		MW-31	3	X	X	X									751277
2		12:15		MW-3	2												751278
3		12:50		MW-3P	2												751279
4		1:20		MW-17	2												751280
5		2:00		MW-17P	2												751281
6		2:35		MW-30P	3			X									751282
7		2:45		MW-30	3			X									751283
8		3:17		MW-29	3			X									751284
9		3:42		MW-2	2												751285
10		4:00		MW-2P	2												751286
11		4:32		MW-19	2												751287
12		4:45		MW-19P	2												751288
13		6:10		MW-16	2												751289
14				Temp Blank	1												

Folder #: 120935

Company: AYRES ASSOCIATES

Project: ADAMS CITY LANDFILL

Logged By: BNA PM ET

Ayres Project Contact: *Nicole Border, Lori Rosemar*

Ayres Project Manager: *Neil Carney*

Invoice To: *Ayres Associates*

RELINQUISHED BY: (Signature)

DATE / TIME

RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature)

DATE / TIME

RECEIVED BY: (Signature)

AYRES ASSOCIATES

Ayres Associates Inc
Engineers/Architects/Scientists/Photogrammetrists
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
(715)834-3181 Fax(715)831-7500

Shipped on ice: ☒ yes ☐ no

Received on ice: ☒ yes ☐ no

Temp. if not received on ice: *1.0°C*

COMMENTS:

See Attached for specific metals for each sample

Site Name: Adams Cty Landfill

Job#: 10-1070.12

Project Manager: 

Date: 9-1-16

Sample collector(s): NAB

Weather Conditions: Sunny, ~75°F

Lab.: CT Labs

Sampling Sequence:

Sample Handling Methods:

[illegible]

PRODUCT COLLECTION DATA

Size, In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

Site Name: Adams City Landfill Job#: 10-1070.12 Project Manager: UC Date: 9-1-16
Sample collector(s): NAB Weather Conditions: Sunny, ~75°F Lab.: CT Labs
Sampling Sequence: _____ Sample Handling Methods: _____

Note 1 - Sample Type	
<u>Code</u>	<u>Type Description</u>
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

Note 2 - Sampling Method	
Code	Description
SSB	Stainless Steel Bail, Add Length
PVCB	PVC Bail, Add Length
TB	Teflon Bail, Add Length
DB	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Size In. I.D.	gallons/ft
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS COUNTY LANDFILL
 Project Phase:
 Contract #: 1451
 Project #: 10-1070.12
 Folder #: 121808
 Purchase Order #:

Page 1 of 8
 Arrival Temperature: See COC
 Report Date: 09/21/2016
 Date Received: 09/07/2016
 Reprint Date: 09/22/2016

CT LAB Sample#: 766361 Sample Description: MW-31

Sampled: 09/01/2016 1033

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	290	mg/L	5.0	18	1			09/13/2016 15:37	SAW	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 13:59	MER	EPA 9012A
Dissolved Chloride	2.2	mg/L	0.70 *	2.4	1			09/09/2016 02:28	JJF	EPA 9056A
Metals Results										
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			09/08/2016 23:32	NAH	EPA 6010C
Dissolved Hardness	289	mg/L	0.18	0.61	1	M		09/08/2016 23:32	NAH	SM2340B/6010

CT LAB Sample#: 766363 Sample Description: MW-3

Sampled: 09/01/2016 1100

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:03	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		09/12/2016 08:10	09/12/2016 16:59	MDS	EPA 7010

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 766363 Sample Description: MW-3

Sampled: 09/01/2016 1100

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			09/09/2016 00:11	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			09/09/2016 00:11	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			09/09/2016 00:11	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			09/09/2016 00:11	NAH	EPA 6010C
Dissolved Manganese	2.9	ug/L	2.2 *	7.3	1			09/09/2016 00:11	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			09/09/2016 00:11	NAH	EPA 6010C
Dissolved Mercury	0.096	ug/L	0.020	0.066	1		09/08/2016 11:00	09/12/2016 16:22	LJF	EPA 7470A

CT LAB Sample#: 766364 Sample Description: MW-3P

Sampled: 09/01/2016 1145

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:06	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		09/12/2016 08:10	09/12/2016 17:05	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			09/09/2016 00:18	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			09/09/2016 00:18	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			09/09/2016 00:18	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			09/09/2016 00:18	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			09/09/2016 00:18	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			09/09/2016 00:18	NAH	EPA 6010C
Dissolved Mercury	0.087	ug/L	0.020	0.066	1		09/08/2016 11:00	09/12/2016 16:24	LJF	EPA 7470A

CT LAB Sample#: 766365 Sample Description: MW-16

Sampled: 09/01/2016 1207

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:10	MER	EPA 9012A
Metals Results										
Dissolved Copper	<3.9	ug/L	3.9	13	1			09/09/2016 00:25	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			09/09/2016 00:25	NAH	EPA 6010C

CT LAB Sample#: 766368 Sample Description: MW-17P

Sampled: 09/01/2016 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:20	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		09/12/2016 08:10	09/12/2016 17:22	MDS	EPA 7010
Dissolved Cadmium	0.43	ug/L	0.40 *	1.4	1			09/09/2016 00:32	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			09/09/2016 00:32	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			09/09/2016 00:32	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			09/09/2016 00:32	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			09/09/2016 00:32	NAH	EPA 6010C
Dissolved Mercury	0.097	ug/L	0.020	0.066	1		09/08/2016 11:00	09/12/2016 16:26	LJF	EPA 7470A

CT LAB Sample#: 766369 Sample Description: MW-17

Sampled: 09/01/2016 1337

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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CT LAB Sample#: 766369 Sample Description: MW-17

Sampled: 09/01/2016 1337

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:23	MER	EPA 9012A
Metals Results										
Dissolved Copper	<3.9	ug/L	3.9	13	1			09/09/2016 00:39	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			09/09/2016 00:39	NAH	EPA 6010C

CT LAB Sample#: 766370 Sample Description: MW-30

Sampled: 09/01/2016 1412

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	110	mg/L	5.0	18	1			09/13/2016 15:38	SAW	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:27	MER	EPA 9012A
Dissolved Chloride	1.1	mg/L	0.70 *	2.4	1			09/09/2016 02:49	JJF	EPA 9056A
Metals Results										
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			09/09/2016 00:46	NAH	EPA 6010C
Dissolved Hardness	104	mg/L	0.18	0.61	1			09/09/2016 00:46	NAH	SM2340B/6010

CT LAB Sample#: 766371 Sample Description: MW-30P

Sampled: 09/01/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Dissolved	130	mg/L	5.0	18	1			09/13/2016 15:39	SAW	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:30	MER	EPA 9012A
Dissolved Chloride	1.2	mg/L	0.70 *	2.4	1			09/09/2016 03:09	JJF	EPA 9056A

CT LAB Sample#: 766371 Sample Description: MW-30P

Sampled: 09/01/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Metals Results

Dissolved Hardness	124	mg/L	0.18	0.61	1			09/09/2016 00:54	NAH	SM2340B/6010
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CT LAB Sample#: 766372 Sample Description: MW-29

Sampled: 09/01/2016 1510

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Alkalinity Dissolved	200	mg/L	5.0	18	1			09/13/2016 15:41	SAW	EPA 310.2
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:34	MER	EPA 9012A
Dissolved Chloride	1.5	mg/L	0.70 *	2.4	1			09/09/2016 03:30	JJF	EPA 9056A

Metals Results

Dissolved Hardness	186	mg/L	0.18	0.61	1			09/09/2016 01:01	NAH	SM2340B/6010
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CT LAB Sample#: 766379 Sample Description: MW-2

Sampled: 09/01/2016 1534

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:37	MER	EPA 9012A
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Metals Results

Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		09/12/2016 08:10	09/12/2016 17:27	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			09/09/2016 01:27	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			09/09/2016 01:27	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			09/09/2016 01:27	NAH	EPA 6010C

CT LAB Sample#: 766379 Sample Description: MW-2 Sampled: 09/01/2016 1534

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			09/09/2016 01:27	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			09/09/2016 01:27	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			09/09/2016 01:27	NAH	EPA 6010C
Dissolved Mercury	0.088	ug/L	0.020	0.066	1		09/08/2016 11:00	09/12/2016 16:28	LJF	EPA 7470A

CT LAB Sample#: 766382 Sample Description: MW-2P Sampled: 09/01/2016 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:47	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		09/12/2016 08:10	09/12/2016 17:33	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			09/09/2016 01:34	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			09/09/2016 01:34	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			09/09/2016 01:34	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			09/09/2016 01:34	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			09/09/2016 01:34	NAH	EPA 6010C
Dissolved Mercury	0.091	ug/L	0.020	0.066	1		09/08/2016 11:00	09/12/2016 16:31	LJF	EPA 7470A

CT LAB Sample#: 766383 Sample Description: MW-19 Sampled: 09/01/2016 1620

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 14:51	MER	EPA 9012A

CT LAB Sample#: 766383 Sample Description: MW-19

Sampled: 09/01/2016 1620

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		09/12/2016 08:10	09/12/2016 17:56	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			09/09/2016 01:41	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			09/09/2016 01:41	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			09/09/2016 01:41	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			09/09/2016 01:41	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			09/09/2016 01:41	NAH	EPA 6010C
Dissolved Mercury	0.10	ug/L	0.020	0.066	1		09/08/2016 11:00	09/12/2016 16:33	LJF	EPA 7470A

CT LAB Sample#: 766384 Sample Description: MW-19P

Sampled: 09/01/2016 1635

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		09/14/2016 09:17	09/14/2016 15:01	MER	EPA 9012A
Metals Results										
Dissolved Selenium	<1.0	ug/L	1.0	3.4	1		09/12/2016 08:10	09/12/2016 18:02	MDS	EPA 7010
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			09/09/2016 01:48	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			09/09/2016 01:48	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			09/09/2016 01:48	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			09/09/2016 01:48	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			09/09/2016 01:48	NAH	EPA 6010C
Dissolved Mercury	0.089	ug/L	0.020	0.066	1		09/08/2016 11:00	09/12/2016 16:39	LJF	EPA 7470A

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
 Project Manager
 608-356-2760

QC Qualifiers

Code Description

B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

CHAIN OF CUSTODY RECORD

PROJECT NO.		PROJECT NAME/CLIENT		NO. OF CONTAINERS		Field Filtered										REMARKS		
SAMPLERS: (Signature)																		
SAMPLE NO.	DATE	TIME	OM	RA	SAMPLE LOCATION/ DESCRIPTION													
1	9-1-16	10:33			MW-31	3	X	X	X									766361
2		11:00			MW-3	2												766363
3		11:45			MW-3P	2												766364
4		12:07			MW-16	2												766365
5		1:15			MW-17P	2												766368
6		1:37			MW-17	2												766369
7		2:12			MW-30	3				X								766370
8		2:35			MW-30P	3				X								766371
9		3:10			MW-29	3				X								766372
10		3:34			MW-2	2												766379
11		3:50			MW-2P	2												766382
12		4:20			MW-19	2												766383
13		4:35			MW-19 P	2												766384
14					Temp Blank	1												

Ayres Project Contact: Nicole Bader, Lori Rosemore

Ayres Project Manager:

Invoice To: Ayres Associates

RELINQUISHED BY: (Signature)

DATE / TIME

RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature)

DATE / TIME

RECEIVED BY: (Signature)



Folder #: 121808

Company: AYRES ASSOCIATES

Project: ADAMS COUNTY LAN

Logged By: BNA PM ET

Shipped on ice: ☒ yes ☐ no

Received on ice: ☒ yes ☐ no

Temp. if not received on ice: 2.1

COMMENTS:

See attached

FIELD SAMPLING REPORT

Site Name: Adams City Landfill

Job#: 10-1070.12

Project Manager: NC

Date: 10-11-16

Sample collector(s): MB

Weather Conditions: Mostly Sunny, ~70°F, Breezy

Lab.: CT Labs

Sampling Sequence: _____

Sample Handling Methods: _____

I.D.	Type	Ref. Elev ft, MSL	Depth to Bottom	Depth of Water	Sample ² method	Purging ³		Sampling								Parameters																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Depth to Water feet	Elev. ft, MSL				Time	Meter	Meter	Meter	Meter	Meter	Turb.	Odor	U	F	U	F	U	F	U	F	U	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Note 1 - Sample Type

Code	Type	Description
WPF	Well, PVC, Flush mt, Add Size	
WPP	Well, PVC, Pro-top, Add Size	
WS	Well, Steel, Add Size	
SUR	Surface Water	
LY	Lysimeter	
LE	Leachate	
RWS	Residential Water Supply	
Sys	System, Add Influent/Effluent	
O	Other	

Note 2 - Sampling Method

Code	Description
SSB	Stainless Steel Bail, Add Length
PVCB	PVC Bail, Add Length
TB	Teflon Bail, Add Length
DB	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

Note 3 - Purging

Size, In.	I.D.	gallons/ft
2		0.16
3		0.4
4		0.6
5		1.0
6		1.5
8		2.6

* see reverse for calculations

PRODUCT COLLECTION DATA

Well Id.	Depth to Product	Water	h1	h2	Product Volume

Site Name: Adams City Landfill

Job#: 10-1070.12

Project Manager: M

Date: 10-11-16

Sample collector(s): MA3

Weather Conditions: Mostly Sunny ~70°F, Breezy Lab: CT Labs

Sampling Sequence: _____

Sample Handling Methods: _____

[illegible]

<u>Code</u>	<u>Type Description</u>
WPF__	Well, PVC, Flush mt, Add Size
WPP__	Well, PVC, Pro-top, Add Size
WS__	Well, Steel, Add Size
SUR	Surface Water
LY	Lysimeter
LE	Leachate
RWS	Residential Water Supply
Sys__	System, Add Influent/Effluent
O	Other

<u>Code</u>	<u>Description</u>
SSB__	Stainless Steel Bail, Add Length
PVCB__	PVC Bail, Add Length
TB__	Teflon Bail, Add Length
DB__	Disposable Bail, Add Length
GS	Grab Sample
Tap	Tap Sample
DS	Dedicated System
O	Other

<u>Size, In., I.D.</u>	<u>gallons/ft</u>
2	0.16
3	0.4
4	0.6
5	1.0
6	1.5
8	2.6

* see reverse for calculations

Well Id.	Depth to Product	Water	h1	h2	Product Volume

ANALYTICAL REPORT

AYRES ASSOCIATES
 LORI ROSEMORE
 3433 OAKWOOD HILLS PKWY
 EAU CLAIRE, WI 54701-1590

Project Name: ADAMS COUNTY LANDFILL
 Project Phase: 10-1070.12
 Contract #: 1451
 Project #:
 Folder #: 122856
 Purchase Order #:

Page 1 of 6
 Arrival Temperature: See COC
 Report Date: 10/26/2016
 Date Received: 10/13/2016
 Reprint Date: 10/28/2016

CT LAB Sample#: 787423 Sample Description: MW-3 License/Well #: 03150/005 Sampled: 10/11/2016 1135

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		10/20/2017 09:20	10/20/2016 15:15	MER	EPA 9012A
Metals Results										
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			10/14/2016 10:52	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			10/14/2016 10:52	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			10/14/2016 10:52	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			10/14/2016 10:52	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			10/14/2016 10:52	NAH	EPA 6010C
Dissolved Selenium	<7.0	ug/L	7.0	25	1			10/14/2016 10:52	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			10/14/2016 10:52	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1	M	10/21/2016 07:30	10/25/2016 10:18	LJF	EPA 7470A

CT LAB Sample#: 787424 Sample Description: MW-3P License/Well #: 03150/006 Sampled: 10/11/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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CT LAB Sample#: 787424 Sample Description: MW-3P

License/Well #: 03150/006 Sampled: 10/11/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		10/20/2017 09:20	10/20/2016 15:32	MER	EPA 9012A
Metals Results										
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			10/14/2016 11:00	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			10/14/2016 11:00	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			10/14/2016 11:00	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			10/14/2016 11:00	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			10/14/2016 11:00	NAH	EPA 6010C
Dissolved Selenium	<7.0	ug/L	7.0	25	1			10/14/2016 11:00	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			10/14/2016 11:00	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		10/21/2016 07:30	10/25/2016 10:31	LJF	EPA 7470A

CT LAB Sample#: 787425 Sample Description: MW-16

License/Well #: 03150/013 Sampled: 10/11/2016 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		10/20/2017 09:20	10/20/2016 15:36	MER	EPA 9012A
Metals Results										
Dissolved Copper	<3.9	ug/L	3.9	13	1			10/14/2016 11:07	NAH	EPA 6010C
Dissolved Manganese	3.5	ug/L	2.2 *	7.3	1			10/14/2016 11:07	NAH	EPA 6010C

CT LAB Sample#: 787427 Sample Description: MW-17

License/Well #: 03150/014 Sampled: 10/11/2016 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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CT LAB Sample#: 787427 Sample Description: MW-17

License/Well #: 03150/014 Sampled: 10/11/2016 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		10/20/2017 09:20	10/20/2016 15:39	MER	EPA 9012A
Metals Results										
Dissolved Copper	<3.9	ug/L	3.9	13	1			10/14/2016 11:14	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			10/14/2016 11:14	NAH	EPA 6010C

CT LAB Sample#: 787428 Sample Description: MW-17P

License/Well #: 03150/015 Sampled: 10/11/2016 1445

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		10/20/2017 09:20	10/20/2016 15:42	MER	EPA 9012A
Metals Results										
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			10/14/2016 11:22	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			10/14/2016 11:22	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			10/14/2016 11:22	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			10/14/2016 11:22	NAH	EPA 6010C
Dissolved Selenium	<7.0	ug/L	7.0	25	1			10/14/2016 11:22	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			10/14/2016 11:22	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		10/21/2016 07:30	10/25/2016 10:33	LJF	EPA 7470A

CT LAB Sample#: 787429 Sample Description: MW-2

License/Well #: 03150/003 Sampled: 10/11/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										

CT LAB Sample#: 787429 Sample Description: MW-2

License/Well #: 03150/003 Sampled: 10/11/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		10/20/2017 09:20	10/20/2016 15:46	MER	EPA 9012A
Metals Results										
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			10/14/2016 11:29	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			10/14/2016 11:29	NAH	EPA 6010C
Dissolved Copper	<3.9	ug/L	3.9	13	1			10/14/2016 11:29	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			10/14/2016 11:29	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			10/14/2016 11:29	NAH	EPA 6010C
Dissolved Selenium	<7.0	ug/L	7.0	25	1			10/14/2016 11:29	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			10/14/2016 11:29	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		10/21/2016 07:30	10/25/2016 10:35	LJF	EPA 7470A

CT LAB Sample#: 787430 Sample Description: MW-2P

License/Well #: 03150/004 Sampled: 10/11/2016 1542

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		10/20/2017 09:20	10/20/2016 15:49	MER	EPA 9012A
Metals Results										
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			10/14/2016 11:38	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			10/14/2016 11:38	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			10/14/2016 11:38	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			10/14/2016 11:38	NAH	EPA 6010C
Dissolved Selenium	<7.0	ug/L	7.0	25	1			10/14/2016 11:38	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			10/14/2016 11:38	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		10/21/2016 07:30	10/25/2016 10:38	LJF	EPA 7470A

CT LAB Sample#: 787431 Sample Description: MW-19	License/Well #: 03150/018 Sampled: 10/11/2016 1600
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		10/20/2017 09:20	10/20/2016 15:53	MER	EPA 9012A
Metals Results										
Dissolved Manganese	9.6	ug/L	2.2	7.3	1			10/14/2016 11:45	NAH	EPA 6010C

CT LAB Sample#: 787432 Sample Description: MW-19P	License/Well #: 03150/019 Sampled: 10/11/2016 1622
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Dissolved Cyanide	<6.0	ug/L	6.0	19	1		10/20/2017 09:20	10/20/2016 15:56	MER	EPA 9012A
Metals Results										
Dissolved Cadmium	<0.40	ug/L	0.40	1.4	1			10/14/2016 11:52	NAH	EPA 6010C
Dissolved Chromium	<2.0	ug/L	2.0	8.0	1			10/14/2016 11:52	NAH	EPA 6010C
Dissolved Lead	<1.3	ug/L	1.3	4.2	1			10/14/2016 11:52	NAH	EPA 6010C
Dissolved Manganese	<2.2	ug/L	2.2	7.3	1			10/14/2016 11:52	NAH	EPA 6010C
Dissolved Selenium	<7.0	ug/L	7.0	25	1			10/14/2016 11:52	NAH	EPA 6010C
Dissolved Silver	<2.5	ug/L	2.5	8.4	1			10/14/2016 11:52	NAH	EPA 6010C
Dissolved Mercury	<0.020	ug/L	0.020	0.066	1		10/21/2016 07:30	10/25/2016 10:40	LJF	EPA 7470A

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
 Project Manager
 608-356-2760

QC Qualifiers

Code Description

B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

CHAIN OF CUSTODY RECORD

PROJECT NO. 10-1070.12		PROJECT NAME/CLIENT Adams County Landfill			NO. OF CON- TAINERS	Field Filtered: <u>Y</u> <u>Y</u>											
SAMPLERS: (Signature) <i>[Signature]</i>																	
SAMPLE NO.	DATE	TIME	OM	RA		SAMPLE LOCATION/ DESCRIPTION											
1	10-11-16	11:35			MW-3	2	X	X									787423
2		12:30			MW-3P												787424
3		1:00			MW-16												787425
4		1:45			MW-17												787426
5		2:45			MW-17P												787428
6		3:20			MW-2												787429
7		3:42			MW-2P												787430
8		4:00			MW-19												787431
9		4:22			MW-19P												787432
10					Temp Blank												

Ayres Project Contact: *Nicole Baden, Lori Rosemore* Ayres Project Manager: *Neil Carney*

Invoice To: *Ayres Associates*

RELINQUISHED BY: (Signature) <i>[Signature]</i>	DATE / TIME 10-12-16/4:30	RECEIVED BY: (Signature) <i>[Signature]</i>	RELINQUISHED BY: (Signature)	DATE / TIME 10/13/16 10:28	RECEIVED BY: (Signature) <i>[Signature]</i>
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Ayres Associates Inc
Engineers/Architects/Scientists/Photogrammetrists
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
(715)834-3161 Fax(715)831-7500

Shipped on ice: ☒ yes ___ no
Received on ice: ☒ yes ___ no
Temp. if not received on ice: 5677

COMMENTS: See attached for specific metals for each well.