



May 24, 2018

Jeffery D. and Christy J. Anderson  
W8647 Sportsman Club Road  
Onalaska, WI 54650

SUBJECT: Water Sample Results for your well at W8647 Sportsman Club Road

Dear Mr. and Mrs. Anderson:

As part of a routine groundwater monitoring plan for the Onalaska Landfill, water samples were taken from your well for analysis of several health-related substances on April 24, 2018. Enclosed are the laboratory results for your water samples.

The samples were analyzed for the presence of volatile organic compounds (VOCs). VOCs are compounds found in such things as gasoline, diesel, oil and other industrial cleaners and solvents. No VOCs were detected. Your water was also tested for some inorganic compounds. Listed below are the compounds detected, the sample concentrations and the Health Advisory Level (HAL) for each compound.

Compound	Sample Concentration	Health Advisory Level
Barium, Dissolved	24.8 ug/l	2000 ug/l
Manganese, Dissolved	133 ug/l	300 ug/l

NOTE: One microgram per liter of water (ug/l) is equal to one part per billion.

Some inorganics which occur naturally in soil and groundwater may not pose a threat to human health, but can affect the color, odor, and taste of the water. They can also cause staining of plumbing fixtures, such as bathtubs and toilet bowls, as well as certain appliances such as washing machines and dishwashers. The groundwater quality standard set for these aesthetic reasons was exceeded for iron in your April 24, 2018 sample.

Your well will continue to be sampled on a regular basis, and we will continue to notify you of the results. If you have any questions regarding the water sample results, please contact me at 715-839-3748.

Sincerely,

Mae Willkom  
Hydrogeologist  
Remediation and Redevelopment

Cc: Bureau of Drinking Water & Groundwater – DG/5

### ANALYTICAL RESULTS

Project: TOWN OF ONALASKA LANDFILL  
Pace Project No.: 40168315

Sample: PW-1 Lab ID: 40168315027 Collected: 04/24/18 18:30 Received: 05/01/18 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	<8.3	ug/L	25.0	8.3	1	05/07/18 06:34	05/07/18 16:39	7440-38-2	
Barium	24.8	ug/L	5.0	1.5	1	05/07/18 06:34	05/07/18 16:39	7440-39-3	
Cadmium	<1.3	ug/L	5.0	1.3	1	05/07/18 06:34	05/07/18 16:39	7440-43-9	
Cobalt	<1.4	ug/L	5.0	1.4	1	05/07/18 06:34	05/07/18 16:39	7440-48-4	
Iron	10400	ug/L	100	34.0	1	05/07/18 06:34	05/07/18 16:39	7439-89-6	
Lead	<4.3	ug/L	13.0	4.3	1	05/07/18 06:34	05/07/18 16:39	7439-92-1	
Manganese	133	ug/L	5.5	1.8	1	05/07/18 06:34	05/07/18 16:39	7439-96-5	
Vanadium	<2.2	ug/L	10.0	2.2	1	05/07/18 06:34	05/07/18 16:39	7440-62-2	
<b>7470 Mercury</b>									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	<0.13	ug/L	0.42	0.13	1	05/02/18 10:05	05/03/18 08:57	7439-97-6	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/03/18 15:16	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/03/18 15:16	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/03/18 15:16	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/03/18 15:16	75-35-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/03/18 15:16	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/03/18 15:16	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/03/18 15:16	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/03/18 15:16	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/03/18 15:16	78-93-3	
2-Hexanone	<1.1	ug/L	5.0	1.1	1		05/03/18 15:16	591-78-6	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/03/18 15:16	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/03/18 15:16	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/03/18 15:16	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		05/03/18 15:16	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/03/18 15:16	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/03/18 15:16	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/03/18 15:16	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/03/18 15:16	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/03/18 15:16	87-68-3	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: TOWN OF ONALASKA LANDFILL

Pace Project No.: 40168315

Sample: PW-1 Lab ID: 40168315027 Collected: 04/24/18 18:30 Received: 05/01/18 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/03/18 15:16	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/03/18 15:16	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/03/18 15:16	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/03/18 15:16	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		05/03/18 15:16	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/03/18 15:16	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/03/18 15:16	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/03/18 15:16	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/03/18 15:16	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/03/18 15:16	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	10061-01-5	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	103-65-1	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/03/18 15:16	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/03/18 15:16	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/03/18 15:16	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/03/18 15:16	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/03/18 15:16	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	61-130		1		05/03/18 15:16	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		05/03/18 15:16	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/03/18 15:16	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



May 24, 2018

Timothy J. and Jill A. Taylor  
W8672 CTH Z  
Onalaska, WI 54650

SUBJECT: Water Sample Results for your well at W8672 CTH Z

Dear Mr. and Mrs. Taylor:

As part of a routine groundwater monitoring plan for the Onalaska Landfill, water samples were taken from your well for analysis of several health-related substances on April 25, 2018. Enclosed are the laboratory results for your water samples.

The samples were analyzed for the presence of volatile organic compounds (VOCs). VOCs are compounds found in such things as gasoline, diesel, oil and other industrial cleaners and solvents. No VOCs were detected. Your water was also tested for some inorganic compounds. Listed below are the compounds detected, the sample concentrations, and the Health Advisory Level (HAL) for each compound.

Compound	Sample Concentration	Health Advisory Level
Barium, Dissolved	117 ug/l	2000 ug/l
Manganese, Dissolved	172 ug/l	300 ug/l

NOTE: One microgram per liter of water (ug/l) is equal to one part per billion.

Some inorganics which occur naturally in soil and groundwater may not pose a threat to human health, but can affect the color, odor, and taste of the water. They can also cause staining of plumbing fixtures, such as bathtubs and toilet bowls, as well as certain appliances such as washing machines and dishwashers. The groundwater quality standard set for these aesthetic reasons for iron was not exceeded in your April 25, 2018 sample.

Your well will continue to be sampled on a regular basis, and we will continue to notify you of the results. If you have any questions or concerns regarding the water sample results, please contact me at 715-839-3748.

Sincerely,

Mae Willkom  
Hydrogeologist  
Remediation and Redevelopment

Cc Bureau of Drinking Water & Groundwater – DG/5

### ANALYTICAL RESULTS

Project: TOWN OF ONALASKA LANDFILL

Pace Project No.: 40168315

Sample: PW-2 Lab ID: 40168315028 Collected: 04/25/18 16:20 Received: 05/01/18 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	<8.3	ug/L	25.0	8.3	1	05/07/18 06:34	05/07/18 16:41	7440-38-2	
Barium	117	ug/L	5.0	1.5	1	05/07/18 06:34	05/07/18 16:41	7440-39-3	
Cadmium	<1.3	ug/L	5.0	1.3	1	05/07/18 06:34	05/07/18 16:41	7440-43-9	
Cobalt	<1.4	ug/L	5.0	1.4	1	05/07/18 06:34	05/07/18 16:41	7440-48-4	
Iron	177	ug/L	100	34.0	1	05/07/18 06:34	05/07/18 16:41	7439-89-6	
Lead	<4.3	ug/L	13.0	4.3	1	05/07/18 06:34	05/07/18 16:41	7439-92-1	
Manganese	172	ug/L	5.5	1.8	1	05/07/18 06:34	05/07/18 16:41	7439-96-5	
Vanadium	<2.2	ug/L	10.0	2.2	1	05/07/18 06:34	05/07/18 16:41	7440-62-2	
<b>7470 Mercury</b>									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	<0.13	ug/L	0.42	0.13	1	05/02/18 10:05	05/03/18 09:04	7439-97-6	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/04/18 11:43	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/04/18 11:43	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/04/18 11:43	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/04/18 11:43	75-35-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/04/18 11:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/04/18 11:43	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/04/18 11:43	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/04/18 11:43	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/04/18 11:43	78-93-3	
2-Hexanone	<1.1	ug/L	5.0	1.1	1		05/04/18 11:43	591-78-6	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/04/18 11:43	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/04/18 11:43	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/04/18 11:43	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		05/04/18 11:43	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/04/18 11:43	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/04/18 11:43	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/04/18 11:43	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/04/18 11:43	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/04/18 11:43	87-68-3	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: TOWN OF ONALASKA LANDFILL

Pace Project No.: 40168315

Sample: PW-2 Lab ID: 40168315028 Collected: 04/25/18 16:20 Received: 05/01/18 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/04/18 11:43	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/04/18 11:43	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/04/18 11:43	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/04/18 11:43	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		05/04/18 11:43	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/04/18 11:43	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/04/18 11:43	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/04/18 11:43	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/04/18 11:43	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/04/18 11:43	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	10061-01-5	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	103-65-1	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/04/18 11:43	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/04/18 11:43	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/04/18 11:43	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/04/18 11:43	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/04/18 11:43	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	61-130		1		05/04/18 11:43	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		05/04/18 11:43	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		05/04/18 11:43	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



May 24, 2018

Scott and Rae Ann Elvin  
W8658 County Hwy Z  
Onalaska WI 54650

SUBJECT: Water Sample Results for your well at W8658 County Hwy Z

Dear Mr. and Mrs. Elvin:

As part of a routine groundwater monitoring plan for the Onalaska Landfill, water samples were taken from your well for analysis of several health-related substances on April 25, 2018. Enclosed are the laboratory results for your water samples.

The samples were analyzed for the presence of volatile organic compounds (VOCs). VOCs are compounds found in such things as gasoline, diesel, oil and other industrial cleaners and solvents. No VOCs were detected. Your water was also tested for some inorganic compounds. Listed below are the compounds detected, the sample concentrations and the Health Advisory Level (HAL) for each compound.

Compound	Sample Concentration	Health Advisory Level
Barium, Dissolved	20.0 ug/l	2000 ug/l
Manganese, Dissolved	119 ug/l	300 ug/l

NOTE: One microgram per liter of water (ug/l) is equal to one part per billion.

Some inorganics which occur naturally in soil and groundwater may not pose a threat to human health, but can affect the color, odor, and taste of the water. They can also cause staining of plumbing fixtures, such as bathtubs and toilet bowls, as well as certain appliances such as washing machines and dishwashers. The groundwater quality standard set for these aesthetic reasons was exceeded for iron in your April 25, 2018 sample.

Your well will continue to be sampled on a regular basis, and we will continue to notify you of the results. If you have any questions regarding the water sample results, please contact me at 715-839-3748.

Sincerely,

Mae Willkom  
Hydrogeologist  
Remediation and Redevelopment

Cc: Bureau of Drinking Water & Groundwater – DG/5

## ANALYTICAL RESULTS

Project: TOWN OF ONALASKA LANDFILL  
Pace Project No.: 40168315

Sample: PW-4 Lab ID: 40168315029 Collected: 04/25/18 16:00 Received: 05/01/18 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	<8.3	ug/L	25.0	8.3	1	05/07/18 06:34	05/07/18 16:44	7440-38-2	
Barium	20.0	ug/L	5.0	1.5	1	05/07/18 06:34	05/07/18 16:44	7440-39-3	
Cadmium	<1.3	ug/L	5.0	1.3	1	05/07/18 06:34	05/07/18 16:44	7440-43-9	
Cobalt	<1.4	ug/L	5.0	1.4	1	05/07/18 06:34	05/07/18 16:44	7440-48-4	
Iron	7580	ug/L	100	34.0	1	05/07/18 06:34	05/07/18 16:44	7439-89-6	
Lead	<4.3	ug/L	13.0	4.3	1	05/07/18 06:34	05/07/18 16:44	7439-92-1	
Manganese	119	ug/L	5.5	1.8	1	05/07/18 06:34	05/07/18 16:44	7439-96-5	
Vanadium	<2.2	ug/L	10.0	2.2	1	05/07/18 06:34	05/07/18 16:44	7440-62-2	
<b>7470 Mercury</b>									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	<0.13	ug/L	0.42	0.13	1	05/02/18 10:05	05/03/18 09:06	7439-97-6	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/04/18 12:05	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/04/18 12:05	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/04/18 12:05	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/04/18 12:05	75-35-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/04/18 12:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/04/18 12:05	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/04/18 12:05	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/04/18 12:05	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	106-46-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/04/18 12:05	78-93-3	
2-Hexanone	<1.1	ug/L	5.0	1.1	1		05/04/18 12:05	591-78-6	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/04/18 12:05	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/04/18 12:05	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	71-43-2	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/04/18 12:05	74-83-9	
Carbon disulfide	<0.61	ug/L	5.0	0.61	1		05/04/18 12:05	75-15-0	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/04/18 12:05	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/04/18 12:05	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/04/18 12:05	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/04/18 12:05	75-71-8	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/04/18 12:05	87-68-3	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



### ANALYTICAL RESULTS

Project: TOWN OF ONALASKA LANDFILL  
Pace Project No.: 40168315

Sample: PW-4 Lab ID: 40168315029 Collected: 04/25/18 16:00 Received: 05/01/18 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/04/18 12:05	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/04/18 12:05	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/04/18 12:05	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/04/18 12:05	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	127-18-4	
Tetrahydrofuran	<2.0	ug/L	5.0	2.0	1		05/04/18 12:05	109-99-9	
Toluene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/04/18 12:05	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/04/18 12:05	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/04/18 12:05	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/04/18 12:05	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/04/18 12:05	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	10061-01-5	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	103-65-1	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/04/18 12:05	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/04/18 12:05	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/04/18 12:05	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/04/18 12:05	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/04/18 12:05	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		1		05/04/18 12:05	460-00-4	
Dibromofluoromethane (S)	102	%	67-130		1		05/04/18 12:05	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		05/04/18 12:05	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.