



**M.J. Reider Associates, Inc.**  
 ENVIRONMENTAL TESTING LABORATORY  
 U.S. EPA/PA DEP #06-00003

# Certificate of Analysis

**Laboratory No.:** 9008103  
**Report:** 04/01/19  
**Lab Contact:** Bradley T Griffiths

**Attention:** Rusty Taft  
**Reported To:** New Enterprise Stone & Lime Co., Inc.  
 3580 Division Hwy.  
 East Earl, PA 17519

**Project Info:** Quarterly Wells - A

**Lab ID:** 9008103-01      **Collected By:** Client      **Sampled:** 03/25/19 10:25      **Received:** 03/26/19 13:33  
**Sample Desc:** MW 2      **Sample Type:** Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Total Metals</b>							
Antimony	<0.003	mg/l	0.003	EPA 200.8 Rev 5.4	03/27/19		MPB
Arsenic	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Beryllium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Cadmium	0.0027	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Chromium	0.0060	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Copper	0.002	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Lead	0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Mercury	<0.0002	mg/l	0.0002	EPA 245.1 Rev 3.0	03/28/19		JAF
Nickel	0.0015	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Selenium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Silver	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Thallium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Zinc	0.493	mg/l	0.005	EPA 200.8 Rev 5.4	03/27/19	C-21	MPB
<b>Volatiles</b>							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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Lab ID: 9008103-01 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Volatiles</b>							
Naphthalene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
o-Xylene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrachloroethene (PCE)	1.0	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Xylenes, Total	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF



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**Lab ID:** 9008103-02      **Collected By:** Client      **Sampled:** 03/25/19 10:00      **Received:** 03/26/19 13:33  
**Sample Desc:** MW 5      **Sample Type:** Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Total Metals</b>							
Antimony	<0.015	mg/l	0.015	EPA 200.8 Rev 5.4	03/28/19		MPB
Arsenic	0.003	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Beryllium	0.0033	mg/l	0,0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Cadmium	<0.0010	mg/l	0,0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Chromium	0.0058	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Copper	0.008	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Lead	0.008	mg/l	0.005	EPA 200.8 Rev 5.4	03/28/19		MPB
Mercury	<0.0002	mg/l	0.0002	EPA 245.1 Rev 3.0	03/28/19		JAF
Nickel	0.0180	mg/l	0.0010	EPA 200,8 Rev 5.4	03/27/19		MPB
Selenium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Silver	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Thallium	<0.005	mg/l	0.005	EPA 200.8 Rev 5.4	03/28/19		MPB
Zinc	0.086	mg/l	0.005	EPA 200.8 Rev 5.4	03/27/19		MPB
<b>Volatiles</b>							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3,5-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,4-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
2-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Hexanone	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
4-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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**M.J. Reider Associates, Inc.**
**Lab ID:** 9008103-02 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Volatiles</b>							
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Acetone	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Allyl Chloride	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Benzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromodichloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromoform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromomethane (Methyl Bromide)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Carbon Disulfide	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Carbon Tetrachloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloromethane (Methyl Chloride)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromomethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dichlorodifluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19	V-01	GXF
Ethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Hexachlorobutadiene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Isopropylbenzene (Cumene)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
m+p-Xylene	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methylene Chloride (Dichloromethane)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Naphthalene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
o-Xylene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrachloroethene (PCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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**Lab ID:** 9008103-02 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Volatiles</b>							
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Xylenes, Total	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF



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**Lab ID:** 9008103-03      **Collected By:** Client      **Sampled:** 03/25/19 07:00      **Received:** 03/26/19 13:33  
**Sample Desc:** MW 6a      **Sample Type:** Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Total Metals</b>							
Antimony	<0.003	mg/l	0.003	EPA 200.8 Rev 5.4	03/27/19		MPB
Arsenic	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Beryllium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Cadmium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Chromium	0.0036	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Copper	0.006	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Lead	0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Mercury	<0.0002	mg/l	0.0002	EPA 245.1 Rev 3.0	03/28/19		JAF
Nickel	0.0082	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Selenium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Silver	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Thallium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Zinc	0.060	mg/l	0.005	EPA 200.8 Rev 5.4	03/27/19		MPB
<b>Volatiles</b>							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3,5-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,4-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
2-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Hexanone	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
4-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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M.J. Reider Associates, Inc.

Lab ID: 9008103-03 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Volatiles</b>							
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Acetone	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Allyl Chloride	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Benzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromodichloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromoform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromomethane (Methyl Bromide)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Carbon Disulfide	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Carbon Tetrachloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloromethane (Methyl Chloride)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromomethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dichlorodifluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19	V-01	GXF
Ethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Hexachlorobutadiene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Isopropylbenzene (Cumene)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
m+p-Xylene	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methylene Chloride (Dichloromethane)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Naphthalene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
o-Xylene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrachloroethene (PCE)	0.8	ug/l	0.5	EPA 624	03/26/19		GXF



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**M.J. Reider Associates, Inc.**

Lab ID: 9008103-03 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Volatiles							
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Xylenes, Total	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF



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M.J. Reider Associates, Inc.

Lab ID: 9008103-04      Collected By: Client      Sampled: 03/25/19 12:00      Received: 03/26/19 13:33  
Sample Desc: MW 7      Sample Type: Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Total Metals</b>							
Antimony	<0.003	mg/l	0.003	EPA 200.8 Rev 5.4	03/27/19		MPB
Arsenic	0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Beryllium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Cadmium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Chromium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Copper	0.002	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Lead	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Mercury	<0.0002	mg/l	0.0002	EPA 245.1 Rev 3.0	03/28/19		JAF
Nickel	0.0023	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Selenium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Silver	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Thallium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Zinc	0.013	mg/l	0.005	EPA 200.8 Rev 5.4	03/27/19		MPB
<b>Volatiles</b>							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3,5-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,4-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
2-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Hexanone	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
4-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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M.J. Reider Associates, Inc.

Lab ID: 9008103-04 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Volatiles</b>							
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Acetone	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Allyl Chloride	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Benzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromodichloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromoform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromomethane (Methyl Bromide)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Carbon Disulfide	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Carbon Tetrachloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloromethane (Methyl Chloride)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromomethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dichlorodifluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19	V-01	GXF
Ethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Hexachlorobutadiene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Isopropylbenzene (Cumene)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
m+p-Xylene	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methylene Chloride (Dichloromethane)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Naphthalene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
o-Xylene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrachloroethene (PCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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M.J. Reider Associates, Inc.

Lab ID: 9008103-04 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Volatiles							
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Xylenes, Total	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF

**Notes and Definitions**

- C-21 The Zinc MS,MSD recovery was outside the recommended value of 70-130% at 17% and 35%
- V-01 For the EPA 624 procedure, the lcs recovery of Dichlorodifluoromethane @ 46% was outside of the acceptable range of 70-130%.



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# Certificate of Analysis

**M.J. Reider Associates, Inc.**  
ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

**Laboratory No.:** 9008104  
**Report:** 04/01/19  
**Lab Contact:** Bradley T Griffiths

**Attention:** Rusty Taft  
**Reported To:** New Enterprise Stone & Lime Co., Inc.  
3580 Division Hwy.  
East Earl, PA 17519

**Project Info:** Quarterly Wells - B

**Lab ID:** 9008104-01      **Collected By:** Client      **Sampled:** 03/25/19 07:30      **Received:** 03/26/19 13:33  
**Sample Desc:** MW 8      **Sample Type:** Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Total Metals</b>							
Antimony	<0.003	mg/l	0.003	EPA 200.8 Rev 5.4	03/27/19		MPB
Arsenic	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Beryllium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Cadmium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Chromium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Copper	0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Lead	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Mercury	<0.0002	mg/l	0.0002	EPA 245.1 Rev 3.0	03/28/19		JAF
Nickel	0.0013	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Selenium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Silver	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Thallium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Zinc	0.007	mg/l	0.005	EPA 200.8 Rev 5.4	03/27/19		MPB
<b>Volatiles</b>							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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**M.J. Reider Associates, Inc.**
**Lab ID:** 9008104-01 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Volatiles</b>							
1,3,5-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,4-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
2-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Hexanone	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
4-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Acetone	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Allyl Chloride	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Benzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromodichloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromoform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromomethane (Methyl Bromide)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Carbon Disulfide	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Carbon Tetrachloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloromethane (Methyl Chloride)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromomethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dichlorodifluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19	V-01	GXF
Ethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Hexachlorobutadiene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Isopropylbenzene (Cumene)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
m+p-Xylene	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methylene Chloride (Dichloromethane)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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Lab ID: 9008104-01 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Volatiles							
Naphthalene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
o-Xylene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrachloroethene (PCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Xylenes, Total	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF



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**Lab ID:** 9008104-02     **Collected By:** Client     **Sampled:** 03/25/19 09:35     **Received:** 03/26/19 13:33  
**Sample Desc:** MW 9     **Sample Type:** Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Total Metals</b>							
Antimony	<0.003	mg/l	0.003	EPA 200.8 Rev 5.4	03/27/19		MPB
Arsenic	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Beryllium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Cadmium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Chromium	0.0047	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Copper	0.005	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Lead	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Mercury	<0.0002	mg/l	0.0002	EPA 245.1 Rev 3.0	03/28/19		JAF
Nickel	0.0013	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Selenium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Silver	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Thallium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Zinc	0.012	mg/l	0.005	EPA 200.8 Rev 5.4	03/27/19		MPB
<b>Volatiles</b>							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3,5-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,4-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
2-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Hexanone	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
4-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF


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Lab ID: 9008104-02 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Volatiles							
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Acetone	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Allyl Chloride	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Benzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromodichloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromoform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromomethane (Methyl Bromide)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Carbon Disulfide	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Carbon Tetrachloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloromethane (Methyl Chloride)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromomethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dichlorodifluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19	V-01	GXF
Ethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Hexachlorobutadiene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Isopropylbenzene (Cumene)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
m+p-Xylene	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methylene Chloride (Dichloromethane)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Naphthalene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
o-Xylene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrachloroethene (PCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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**Lab ID:** 9008104-02 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Volatiles							
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Xylenes, Total	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF



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**M.J. Reider Associates, Inc.**

**Lab ID:** 9008104-03      **Collected By:** Client      **Sampled:** 03/25/19 07:15      **Received:** 03/26/19 13:33  
**Sample Desc:** MW 10      **Sample Type:** Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Total Metals</b>							
Antimony	<0.003	mg/l	0.003	EPA 200.8 Rev 5.4	03/27/19		MPB
Arsenic	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Beryllium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Cadmium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Chromium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Copper	0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Lead	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Mercury	<0.0002	mg/l	0.0002	EPA 245.1 Rev 3.0	03/28/19		JAF
Nickel	0.0017	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Selenium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Silver	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Thallium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Zinc	0.017	mg/l	0.005	EPA 200.8 Rev 5.4	03/27/19		MPB
<b>Volatiles</b>							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3,5-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,4-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
2-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Hexanone	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
4-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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**Lab ID:** 9008104-03 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Volatiles</b>							
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Acetone	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Allyl Chloride	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Benzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromodichloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromoform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromomethane (Methyl Bromide)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Carbon Disulfide	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Carbon Tetrachloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloromethane (Methyl Chloride)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromomethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dichlorodifluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19	V-01	GXF
Ethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Hexachlorobutadiene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Isopropylbenzene (Cumene)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
m+p-Xylene	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methylene Chloride (Dichloromethane)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Naphthalene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
o-Xylene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrachloroethene (PCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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**M.J. Reider Associates, Inc.**

Lab ID: 9008104-03 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Volatiles							
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Xylenes, Total	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF



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**Lab ID:** 9008104-04      **Collected By:** Client      **Sampled:** 03/25/19 09:15      **Received:** 03/26/19 13:33  
**Sample Desc:** Weaver Well      **Sample Type:** Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Total Metals</b>							
Antimony	<0.003	mg/l	0.003	EPA 200.8 Rev 5.4	03/27/19		MPB
Arsenic	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Beryllium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Cadmium	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Chromium	0.0011	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Copper	0.003	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Lead	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Mercury	<0.0002	mg/l	0.0002	EPA 245.1 Rev 3.0	03/28/19		JAF
Nickel	0.0017	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Selenium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Silver	<0.0010	mg/l	0.0010	EPA 200.8 Rev 5.4	03/27/19		MPB
Thallium	<0.001	mg/l	0.001	EPA 200.8 Rev 5.4	03/27/19		MPB
Zinc	0.010	mg/l	0.005	EPA 200.8 Rev 5.4	03/27/19		MPB
<b>Volatiles</b>							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3,5-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,3-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
1,4-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
2-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
2-Hexanone	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
4-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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M.J. Reider Associates, Inc.

Lab ID: 9008104-04 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>Volatiles</b>							
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Acetone	<10.0	ug/l	10.0	EPA 624	03/26/19		GXF
Allyl Chloride	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Benzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromodichloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromoform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Bromomethane (Methyl Bromide)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Carbon Disulfide	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Carbon Tetrachloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chlorobenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloroform	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Chloromethane (Methyl Chloride)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Cis-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromochloromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dibromomethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Dichlorodifluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19	V-01	GXF
Ethylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Hexachlorobutadiene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Isopropylbenzene (Cumene)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
m+p-Xylene	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF
Methylene Chloride (Dichloromethane)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Naphthalene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
o-Xylene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Tetrachloroethene (PCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF



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Lab ID: 9008104-04 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Volatiles							
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	03/26/19		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	03/26/19		GXF
Xylenes, Total	<1.0	ug/l	1.0	EPA 624	03/26/19		GXF

**Notes and Definitions**

V-01 For the EPA 624 procedure, the lcs recovery of Dichlorodifluoromethane @ 46% was outside of the acceptable range of 70-130%.



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