



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 8029002
Report: 10/02/18
Lab Contact: Bradley Griffiths

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

Project Info: Non-Potable Analysis

Lab ID: 8029002-01 **Collected By:** Client **Sampled:** 09/27/18 11:27 **Received:** 09/27/18 12:43
Sample Desc: Kutztown Discharge **Sample Type:** Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Non-Accredited							
1,1,1,2-Tetrachloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,1,1-Trichloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,1,2,2-Tetrachloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,1,2-Trichloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,1-Dichloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,1-Dichloroethene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,1-Dichloropropene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,2,3-Trichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,2,3-Trichloropropane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,2,4-Trichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,2,4-Trimethylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,2-Dichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,2-Dichloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,2-Dichloropropane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,3,5-Trimethylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,3-Dichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,3-Dichloropropane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
1,4-Dichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
2,2-Dichloropropane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	09/28/18		GXF
2-Chlorotoluene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
2-Hexanone	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	09/28/18		GXF
4-Chlorotoluene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	09/28/18		GXF
Acetone	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	09/28/18	V-01	GXF
Allyl Chloride	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	09/28/18		GXF
Benzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Bromobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF



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Lab ID: 8029002-01 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Non-Accredited							
Bromochloromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Bromodichloromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Bromoform	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Bromomethane (Methyl Bromide)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Carbon Disulfide	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	09/28/18		GXF
Carbon Tetrachloride	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Chlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Chloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Chloroform	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Chloromethane (Methyl Chloride)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Cis-1,2-Dichloroethene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Cis-1,3-Dichloropropene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Dibromochloromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Dibromomethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Dichlorodifluoromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Ethylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Hexachlorobutadiene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Isopropylbenzene (Cumene)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
m+p-Xylene	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	09/28/18		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	09/28/18		GXF
Methylene Chloride (Dichloromethane)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Naphthalene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
N-Butylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
N-Propylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
o-Xylene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
p-Isopropyltoluene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Sec-Butylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Styrene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Tert-Butylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Tetrachloroethene (PCE)	1.77	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Tetrahydrofuran (THF)	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	09/28/18		GXF
Toluene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Total Trihalomethanes (TTHMs)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Trans-1,2-Dichloroethene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Trans-1,3-Dichloropropene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF



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Non-Accredited							
Trichloroethene (TCE)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Trichlorofluoromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Vinyl Chloride	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	09/28/18		GXF
Xylenes, Total	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	09/28/18		GXF

Notes and Definitions

V-01 For the EPA 524.2 procedure, the recovery of Acetone in the lfb @ 133% was outside of the acceptable range of 70-130%.



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