



Certificate of Analysis

M.J. Reider Associates, Inc.

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

Laboratory No.: 8025568

Report: 09/04/18

Lab Contact: Bradley Griffiths

Attention: Paul Stoltzfus

Project Info: Non-Potable Analysis

Reported To: New Enterprise Stone & Lime Co., Inc.

3580 Division Hwy.

East Earl, PA 17519

Lab ID: 8025568-01

Collected By: Client

Sampled: 08/29/18 16:25

Received: 08/30/18 08:48

Sample Desc: Kutztown Discharge

Sample Type: Grab

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Non-Accredited							
Sample Analysis Notes: VOA EPA 524.2 (V-01)							
1,1,1,2-Tetrachloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,1,1-Trichloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,1,2,2-Tetrachloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,1,2-Trichloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,1-Dichloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,1-Dichloroethene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,1-Dichloropropene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,2,3-Trichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,2,3-Trichloropropane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,2,4-Trichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,2,4-Trimethylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,2-Dichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,2-Dichloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,2-Dichloropropane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,3,5-Trimethylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,3-Dichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,3-Dichloropropane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
1,4-Dichlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
2,2-Dichloropropane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	08/30/18		GXF
2-Chlorotoluene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
2-Hexanone	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	08/30/18		GXF
4-Chlorotoluene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	08/30/18		GXF
Acetone	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	08/30/18		GXF
Allyl Chloride	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	08/30/18		GXF
Benzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF



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M.J. Reider Associates, Inc.

Lab ID: 8025568-01 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Non-Accredited							
Bromobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Bromochloromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Bromodichloromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Bromoform	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Bromomethane (Methyl Bromide)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Carbon Disulfide	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	08/30/18		GXF
Carbon Tetrachloride	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Chlorobenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Chloroethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Chloroform	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Chloromethane (Methyl Chloride)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Cis-1,2-Dichloroethene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Cis-1,3-Dichloropropene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Dibromochloromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Dibromomethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Dichlorodifluoromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Ethylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Hexachlorobutadiene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Isopropylbenzene (Cumene)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
m+p-Xylene	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	08/30/18		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	08/30/18		GXF
Methylene Chloride (Dichloromethane)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Naphthalene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
N-Butylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
N-Propylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
o-Xylene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
p-Isopropyltoluene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Sec-Butylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Styrene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Tert-Butylbenzene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Tetrachloroethene (PCE)	1.72	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Tetrahydrofuran (THF)	<10.0	ug/l	10.0	EPA 524.2 Rev 4.1	08/30/18		GXF
Toluene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Total Trihalomethanes (TTHMs)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Trans-1,2-Dichloroethene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF



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Lab ID: 8025568-01 Continued

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Non-Accredited							
Trans-1,3-Dichloropropene	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Trichloroethene (TCE)	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Trichlorofluoromethane	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Vinyl Chloride	<0.500	ug/l	0.500	EPA 524.2 Rev 4.1	08/30/18		GXF
Xylenes, Total	<1.00	ug/l	1.00	EPA 524.2 Rev 4.1	08/30/18		GXF

Notes and Definitions

V-01 For epa 524.2 sample surrogate recovery was outside recommended range (70-130%): 1,2-Dichlorobenzene-d4 at 68%..



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