



# Certificate of Analysis

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

**Laboratory No.:** 9007452  
**Report:** 07/16/19  
**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:** Kutztown Discharge\_Rush VOAs

**Lab ID:** 9007452-01    **Collected By:** Client    **Sampled:** 07/09/19 07:55    **Received:** 07/10/19 16:20  
**Sample Desc:** Kutztown Discharge    **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
<b>Volatiles</b>							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,3,5-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,3-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,3-Dichloropropane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
1,4-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
2,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 624	07/11/19		GXF
2-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
2-Hexanone	<2.0	ug/l	2.0	EPA 624	07/11/19		GXF
4-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 624	07/11/19		GXF
Acetone	<10.0	ug/l	10.0	EPA 624	07/11/19		GXF
Allyl Chloride	<1.0	ug/l	1.0	EPA 624	07/11/19		GXF
Benzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Bromobenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF



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Additional accreditations by CT (PH-0210), MD (261), NY(12094)

**M.J. Reider Associates, Inc.**
**Lab ID:** 9007452-01 Continued

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
<b>Volatiles</b>							
Bromochloromethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Bromodichloromethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Bromoform	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Bromomethane (Methyl Bromide)	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Carbon Disulfide	<1.0	ug/l	1.0	EPA 624	07/11/19		GXF
Carbon Tetrachloride	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Chlorobenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Chloroethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Chloroform	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Chloromethane (Methyl Chloride)	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Cis-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Cis-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Dibromochloromethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Dibromomethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Dichlorodifluoromethane	<0.5	ug/l	0.5	EPA 624	07/11/19	V-01, V-02	GXF
Ethylbenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Hexachlorobutadiene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Isopropylbenzene (Cumene)	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
m+p-Xylene	<1.0	ug/l	1.0	EPA 624	07/11/19		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.0	ug/l	1.0	EPA 624	07/11/19		GXF
Methylene Chloride (Dichloromethane)	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Naphthalene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
o-Xylene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Tetrachloroethene (PCE)	2.4	ug/l	0.5	EPA 624	07/11/19		GXF
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	07/11/19		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF



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	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Volatiles							
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	07/11/19		GXF
Xylenes, Total	<1.0	ug/l	1.0	EPA 624	07/11/19		GXF

**Preparation Methods**

Specific Method	Preparation Method	Prepared Date	Prepared By
<b>9007452-01</b>			
EPA 624	EPA 5030 B	07/11/2019	GXF

**Notes and Definitions**

- V-01 For the EPA 624 procedure, the ccv response of Dichlorodifluoromethane @ +40% was outside of the acceptable range of +/-30%.
- V-02 For the EPA 624 procedure, the lcs Dichlorodifluoromethane recovery @ 157% was outside of the acceptable range of 70-130%.



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