



Certificate of Analysis

M.J. Reider Associates, Inc.

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

Laboratory No.: 9043104

Report: 01/10/20

Lab Contact: Bradley T Griffiths

Attention: Rusty Taft

Project Info: Kutztown Discharge_Rush VOAs

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

Lab ID: 9043104-01

Collected By: Client

Sampled: 12/30/19 09:15

Received: 12/30/19 12:00

Sample Desc: Kutztown Discharge

Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Volatiles							
1,1,1,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,1,1-Trichloroethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,1,2,2-Tetrachloroethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,1,2-Trichloroethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,1-Dichloroethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,1-Dichloroethene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,1-Dichloropropene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,2,3-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,2,3-Trichloropropane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,2,4-Trichlorobenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,2,4-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,2-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,2-Dichloroethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,3,5-Trimethylbenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,3-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,3-Dichloropropane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
1,4-Dichlorobenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
2,2-Dichloropropane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
2-Butanone (MEK)	<10.0	ug/l	10.0	EPA 624	01/02/20	Q-07a	GXF
2-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
2-Hexanone	<2.0	ug/l	2.0	EPA 624	01/02/20		GXF
4-Chlorotoluene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
4-Methyl-2-pentanone (MIBK)	<10.0	ug/l	10.0	EPA 624	01/02/20		GXF
Acetone	<10.0	ug/l	10.0	EPA 624	01/02/20	Q-07	GXF
Allyl Chloride	<1.0	ug/l	1.0	EPA 624	01/02/20		GXF
Benzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Bromobenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF



107 Angelica Street ○ Reading, PA 19611 ○ www.mjreider.com ○ (610) 374-5129 ○ fax (610) 374-7234

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

M.J. Reider Associates, Inc.

Lab ID: 9043104-01 Continued

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Volatiles							
Bromochloromethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Bromodichloromethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Bromoform	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Bromomethane (Methyl Bromide)	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Carbon Disulfide	<1.0	ug/l	1.0	EPA 624	01/02/20		GXF
Carbon Tetrachloride	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Chlorobenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Chloroethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Chloroform	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Chloromethane (Methyl Chloride)	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Cis-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Cis-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Dibromochloromethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Dibromomethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Dichlorodifluoromethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Ethylbenzene	1.2	ug/l	0.5	EPA 624	01/02/20		GXF
Hexachlorobutadiene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Isopropylbenzene (Cumene)	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
m+p-Xylene	7.1	ug/l	1.0	EPA 624	01/02/20		GXF
Methyl Tert-Butyl Ether (MTBE)	<1.0	ug/l	1.0	EPA 624	01/02/20		GXF
Methylene Chloride (Dichloromethane)	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Naphthalene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
N-Butylbenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
N-Propylbenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
o-Xylene	2.3	ug/l	0.5	EPA 624	01/02/20		GXF
p-Isopropyltoluene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Sec-Butylbenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Styrene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Tert-Butylbenzene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Tetrachloroethene (PCE)	0.9	ug/l	0.5	EPA 624	01/02/20		GXF
Tetrahydrofuran (THF)	<2.0	ug/l	2.0	EPA 624	01/02/20		GXF
Toluene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Trans-1,2-Dichloroethene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Trans-1,3-Dichloropropene	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Trichloroethene (TCE)	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Trichlorofluoromethane	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF



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Lab ID: 9043104-01 Continued

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Volatiles							
Vinyl Chloride	<0.5	ug/l	0.5	EPA 624	01/02/20		GXF
Xylenes, Total	9.4	ug/l	1.0	EPA 624	01/02/20		GXF

Notes and Definitions

- Q-07 The blank spike was outside acceptable limits of 70-130% recovery at 59%.
- Q-07a The blank spike was outside acceptable limits of 70-130% recovery at 69%.



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