



Results Report

Order ID: 7070078

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

Project: Kutztown Discharge

Kutztown, PA

Attn: Paul Stoltzfus

Sample Number: 7070078-01
Collector: PS

Site: Discharge water
Collect Date: 07/10/2017 3:55 pm

Sample ID: Kutztown discharge
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Volatiles

VOA, 524.2

Benzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Bromobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Bromochloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Bromodichloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Bromoform	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
2-Butanone (MEK)	< 0.5	X µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Bromomethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
tert-Butyl Alcohol	< 4.0	µg/L	EPA 524.2	4.0	1	07/11/17	KED	07/11/17 22:59	KED
tert-Butylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
sec-Butylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
n-Butylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Carbon Tetrachloride	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Chlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Chloroethane	< 0.5	X µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Chloroform	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Chloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
2-Chlorotoluene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
4-Chlorotoluene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Dibromochloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,2-Dibromoethane (EDB)	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Dibromomethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,4-Dichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,3-Dichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,2-Dichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Dichlorodifluoromethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,1-Dichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,2-Dichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
trans-1,2-Dichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
cis-1,2-Dichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,1-Dichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,3-Dichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
2,2-Dichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,2-Dichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
cis-1,3-Dichloropropene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
trans-1,3-Dichloropropene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED

Report Generated On: 07/13/2017 11:59 am
STL_Results Revision #1.6

7070078
Effective: 07/09/2014





Sample Number: 7070078-01	Site: Discharge water	Sample ID: Kutztown discharge
Collector: PS	Collect Date: 07/10/2017 3:55 pm	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Volatiles (Continued)

VOA, 524.2 (Continued)

1,1-dichloropropene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Ethyl Benzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Hexachlorobutadiene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Isopropylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
4-Isopropyltoluene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Methylene Chloride	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Methyl-t-butyl ether (MTBE)	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Naphthalene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
n-Propylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Styrene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,1,1,2,2-Tetrachloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Tetrachloroethane	2.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Toluene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,2,4-Trichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,2,3-Trichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,1,2-Trichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,1,1-Trichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Trichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Trichlorofluoromethane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,2,3-Trichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Total Trihalomethanes	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,3,5-Trimethylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
1,2,4-Trimethylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Vinyl Chloride	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	KED	07/11/17 22:59	KED
Xylenes, Total	< 1.0	µg/L	EPA 524.2	1.0	1	07/11/17	KED	07/11/17 22:59	KED

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 1,2-Dichlorobenzene-d4	5.14	µg/L	EPA 524.2	103%	1	70-130	07/11/17 22:59
Surrogate: Bromofluorobenzene	5.40	µg/L	EPA 524.2	108%	1	70-130	07/11/17 22:59

Report Generated On: 07/13/2017 11:59 am 7070078
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Sample Number: 7070078-02	Site: Trip Blank	Sample ID:
Collector: LF	Collect Date: 05/30/2017 12:00 am	Sample Type: Unknown
Sample Regulatory ID:	SDWA Reporting IDs: (/ /)	

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Volatiles

VOA, 524.2, Trip Blank

Tetrachloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	07/11/17	CEM	07/11/17 22:27	CEM
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Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 1,2-Dichlorobenzene-d4	4.68	µg/L	EPA 524.2	94%	1	70-130	07/11/17 22:27
Surrogate: Bromofluorobenzene	5.19	µg/L	EPA 524.2	104%	1	70-130	07/11/17 22:27

Data Qualifiers:

X Initial calibration not verified. Results have greater uncertainty.

Sample Receipt Conditions:

All samples met the sample receipt requirements for the relevant analyses.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

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Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Lisa F. Care
Project Manager

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