



Results Report

Order ID: 7080992

New Enterprise Stone & Lime Co., Inc. 3580 Division Hwy East Earl, PA 17519	Project: Kutztown Quarry Kutztown, PA
Attn: Paul Stoltzfus	Regulatory ID:

Sample Number: 7080992-01	Site: Discharge	Sample ID: Kutztown
Collector: PS	Collect Date: 02/28/2018 4:35 pm	Sample Type: Grab

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

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>VOA, 524.2</u>									
Benzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Bromobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Bromochloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Bromodichloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Bromoform	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Bromomethane	< 1.0	C5, L1 µg/L	EPA 524.2	1.0	1	03/05/18	KED	03/05/18 23:46	KED
tert-Butyl Alcohol	7.6	µg/L	EPA 524.2	4.0	1	03/05/18	KED	03/05/18 23:46	KED
tert-Butylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
sec-Butylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
n-Butylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Carbon Tetrachloride	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Chlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Chloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Chloroform	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Chloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
2-Chlorotoluene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
4-Chlorotoluene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Dibromochloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,2-Dibromoethane (EDB)	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Dibromomethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,4-Dichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,3-Dichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,2-Dichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Dichlorodifluoromethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,1-Dichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,2-Dichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
trans-1,2-Dichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
cis-1,2-Dichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,1-Dichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,3-Dichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
2,2-Dichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,2-Dichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
cis-1,3-Dichloropropene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
trans-1,3-Dichloropropene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,1-dichloropropene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED

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STL_Results Revision #1.6 Effective: 07/09/2014



Sample Number: 7080992-01 Site: Discharge Sample ID: Kutztown
 Collector: PS Collect Date: 02/28/2018 4:35 pm Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Volatiles (Continued)									
<i>VOA, 524.2 (Continued)</i>									
Ethyl Benzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Hexachlorobutadiene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Isopropylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
4-Isopropyltoluene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Methylene Chloride	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Methyl-t-butyl ether (MTBE)	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Naphthalene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
n-Propylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Styrene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Tetrachloroethene	0.8	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Toluene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,2,4-Trichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,2,3-Trichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,1,2-Trichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,1,1-Trichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Trichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Trichlorofluoromethane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,2,3-Trichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Total Trihalomethanes	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,3,5-Trimethylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
1,2,4-Trimethylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Vinyl Chloride	< 0.5	µg/L	EPA 524.2	0.5	1	03/05/18	KED	03/05/18 23:46	KED
Xylenes, Total	< 1.0	µg/L	EPA 524.2	1.0	1	03/05/18	KED	03/05/18 23:46	KED

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 1,2-Dichlorobenzene-d4	4.19	µg/L	EPA 524.2	84%	1	70-130	03/05/18 23:46
Surrogate: Bromofluorobenzene	4.44	µg/L	EPA 524.2	89%	1	70-130	03/05/18 23:46

Data Qualifiers:

- C4 The CCV for this analyte was above acceptance criteria, however the analyte was not detected in the associated sample. Data may be fully useable under the 2009 TNI Standard.
- C5 Calibration verification below minimum acceptance limits. A low level standard was analyzed to confirm detection. The reported analytes were below the concentration of the low level standard.
- L1 The Laboratory Control Sample for the analysis batch associated with this sample was below acceptance criteria. Results may have greater uncertainty.
- L4 The Laboratory Control Sample for the analysis batch associated with this sample was above acceptance criteria, however the analyte was not detected in the associated sample. Data may be fully useable under the 2009 TNI Standard.

Sample Receipt Conditions:

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

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