



SUBURBAN TESTING LABS

Results Report

Order ID: 8052638

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

Project: Kutztown Quarry Bi-Monthly

Attn: Paul Stoltzfus

Regulatory ID:

Sample Number: 8052638-01
Collector: PS

Site: Discharge
Collect Date: 05/24/2018 12:56 pm

Sample ID: Kutztown Discharge
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Inorganics									
Acidity, Total (to pH 8.3)	-176	mg/L	SM 2310-B		1	05/29/18	SMD	05/29/18 16:20	SMD
Alkalinity, Total (to pH 4.5)	174	mg/L	SM 2320-B	10.0	1	05/30/18	KTL	05/30/18 21:56	KTL
pH, Lab	8.04	#	SM 4500-H-B		1	05/25/18	KCM	05/25/18 23:27	KTL
Total Suspended Solids (TSS)	< 4.0	mg/L	SM 2540-D	4.0	1	05/31/18	KLS	05/31/18 20:08	ZJH

Sample Number: 8052638-02
Collector: PS

Site: Discharge
Collect Date: 05/24/2018 12:44 pm

Sample ID: Kutztown Discharge
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Volatiles									
VOA, 524.2									
Benzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Bromobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Bromochloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Bromodichloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Bromoform	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Bromomethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
tert-Butyl Alcohol	5.2	µg/L	EPA 524.2	4.0	1	06/02/18	CEM	06/02/18 6:27	CEM
tert-Butylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
sec-Butylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
n-Butylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Carbon Tetrachloride	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Chlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Chloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Chloroform	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Chloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
2-Chlorotoluene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
4-Chlorotoluene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,2-Dibromo-3-chloropropane (DBCP)	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Dibromochloromethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,2-Dibromoethane (EDB)	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Dibromomethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,4-Dichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,3-Dichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,2-Dichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Dichlorodifluoromethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM

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8052638
Effective: 07/09/2014

SUBURBAN TESTING LABS



1037F MacArthur Road, Reading, PA 19605 Phone: 800-433-6595 Fax: 610-375-4090 suburbantestinglabs.com

PADEP 06-00208



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Sample Number: 8052638-02 Site: Discharge Sample ID: Kutztown Discharge
 Collector: PS Collect Date: 05/24/2018 12:44 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-Dichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,2-Dichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
trans-1,2-Dichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
cis-1,2-Dichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,1-Dichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,3-Dichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
2,2 Dichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,2-Dichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
cis-1,3-Dichloropropene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
trans-1,3-Dichloropropene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,1-dichloropropene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Ethyl Benzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Hexachlorobutadiene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Isopropylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
4-Isopropyltoluene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Methylene Chloride	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Methyl-t-butyl ether (MTBE)	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Naphthalene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
n-Propylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Styrene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Tetrachloroethene	1.1	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Toluene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,2,4-Trichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,2,3-Trichlorobenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,1,2-Trichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,1,1-Trichloroethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Trichloroethene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Trichlorofluoromethane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,2,3-Trichloropropane	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Total Trihalomethanes	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,3,5-Trimethylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
1,2,4-Trimethylbenzene	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Vinyl Chloride	< 0.5	µg/L	EPA 524.2	0.5	1	06/02/18	CEM	06/02/18 6:27	CEM
Xylenes, Total	< 1.0	µg/L	EPA 524.2	1.0	1	06/02/18	CEM	06/02/18 6:27	CEM

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 1,2-Dichlorobenzene-d4	4.59	µg/L	EPA 524.2	92%	1	70-130	06/02/18 6:27
Surrogate: Bromofluorobenzene	4.80	µg/L	EPA 524.2	96%	1	70-130	06/02/18 6:27

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