



M.J. Reider Associates, Inc.

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

Certificate of Analysis

Laboratory No.: 9014047

Report: 05/16/19

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: 9014047-01

Collected By: Client

Sampled: 05/09/19 10:00

Received: 05/09/19 15:00

Sample Desc: Kutztown Discharge

Sample Type: Grab

| | Result | Unit | Rep. Limit | Procedure | Analyzed | Analyte Notes | Analyst |
|-----------------------------|--------|------|------------|-----------|----------|---------------|---------|
| Volatiles | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | V-01 | GXF |
| 1,1,1-Trichloroethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,1,2,2-Tetrachloroethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,1,2-Trichloroethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,1-Dichloroethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,1-Dichloroethene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,1-Dichloropropene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,2,3-Trichlorobenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,2,3-Trichloropropane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,2,4-Trichlorobenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,2,4-Trimethylbenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,2-Dichlorobenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,2-Dichloroethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,2-Dichloropropane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,3,5-Trimethylbenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,3-Dichlorobenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,3-Dichloropropane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 1,4-Dichlorobenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 2,2-Dichloropropane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 2-Butanone (MEK) | <10.0 | ug/l | 10.0 | EPA 624 | 05/10/19 | | GXF |
| 2-Chlorotoluene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 2-Hexanone | <2.0 | ug/l | 2.0 | EPA 624 | 05/10/19 | | GXF |
| 4-Chlorotoluene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| 4-Methyl-2-pentanone (MIBK) | <10.0 | ug/l | 10.0 | EPA 624 | 05/10/19 | | GXF |
| Acetone | <10.0 | ug/l | 10.0 | EPA 624 | 05/10/19 | | GXF |
| Allyl Chloride | <1.0 | ug/l | 1.0 | EPA 624 | 05/10/19 | | GXF |
| Benzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Bromobenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |



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

M.J. Reider Associates, Inc.

Lab ID: 9014047-01 Continued

| | Result | Unit | Rep. Limit | Procedure | Analyzed | Analyte Notes | Analyst |
|--------------------------------------|--------|------|------------|-----------|----------|---------------|---------|
| Volatiles | | | | | | | |
| Bromochloromethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Bromodichloromethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Bromoform | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Bromomethane (Methyl Bromide) | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Carbon Disulfide | <1.0 | ug/l | 1.0 | EPA 624 | 05/10/19 | | GXF |
| Carbon Tetrachloride | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Chlorobenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Chloroethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Chloroform | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Chloromethane (Methyl Chloride) | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Cis-1,2-Dichloroethene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Cis-1,3-Dichloropropene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Dibromochloromethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Dibromomethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Dichlorodifluoromethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | V-01 | GXF |
| Ethylbenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Hexachlorobutadiene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Isopropylbenzene (Cumene) | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| m+p-Xylene | <1.0 | ug/l | 1.0 | EPA 624 | 05/10/19 | | GXF |
| Methyl Tert-Butyl Ether (MTBE) | <1.0 | ug/l | 1.0 | EPA 624 | 05/10/19 | | GXF |
| Methylene Chloride (Dichloromethane) | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Naphthalene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| N-Butylbenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| N-Propylbenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| o-Xylene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| p-Isopropyltoluene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Sec-Butylbenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Styrene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Tert-Butylbenzene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Tetrachloroethene (PCE) | 2.0 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Tetrahydrofuran (THF) | <2.0 | ug/l | 2.0 | EPA 624 | 05/10/19 | | GXF |
| Toluene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Trans-1,2-Dichloroethene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Trans-1,3-Dichloropropene | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Trichloroethene (TCE) | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Trichlorofluoromethane | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |



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Lab ID: 9014047-01 Continued

| | Result | Unit | Rep. Limit | Procedure | Analyzed | Analyte Notes | Analyst |
|----------------|--------|------|------------|-----------|----------|---------------|---------|
| Volatiles | | | | | | | |
| Vinyl Chloride | <0.5 | ug/l | 0.5 | EPA 624 | 05/10/19 | | GXF |
| Xylenes, Total | <1.0 | ug/l | 1.0 | EPA 624 | 05/10/19 | | GXF |

Notes and Definitions

V-01 For the EPA 8260 procedure, the lcs Dichlorodifluoromethane recovery @ 57% was outside of the acceptable range of 70-130%.



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