



2017 Lime Sampling Analysis Report

| Company Name | Location | Date | Sieve Size | | | | Calcium | Magnesium | ENP | TNP | Moisture |
|----------------------------|----------------|------------|------------|-----|-----|-----|---------|-----------|------|-------|----------|
| | | | 8 | 20 | 60 | 100 | | | | | |
| Arch Materials | Bataria | 12/28/2016 | 90 | 71 | 53 | 46 | 35.5 | 1.66 | 1176 | 100.2 | 4.91 |
| Area Aggregates | Woodville | 4/5/2017 | 100 | 100 | 100 | 98 | 22.5 | 12.8 | 1864 | 107 | 11.51 |
| Bluffton Stone | Bluffton | 5/10/2017 | 95 | 75 | 54 | 43 | 20.3 | 11.5 | 1465 | 106.8 | 2.85 |
| C.F. Poeppelman, Inc | Bradford | 4/10/2017 | 100 | 100 | 100 | 85 | 22.9 | 12 | 1972 | 105.7 | 6.73 |
| Carmeuse Lime & Stone | Conneaut | 4/25/2017 | 85 | 65 | 54 | 45 | 34.7 | 1.82 | 1147 | 95 | 6.54 |
| City of Findlay | Findlay | 5/31/2017 | - | - | - | - | 33.5 | 3.28 | 193 | 101.7 | 90.49 |
| City of Fostoria - WTP | Fostoria | 12/27/2016 | - | - | - | - | 29.8 | 3.69 | 752 | 94.8 | 60.36 |
| Con-Ag, Inc | Saint Mary's | 4/12/2017 | 100 | 100 | 100 | 85 | 22.4 | 12.6 | 1851 | 107.4 | 13.81 |
| Erie Materials | Sandusky | 4/25/2017 | 100 | 100 | 98 | 88 | 28.5 | 6.89 | 1773 | 102.3 | 12.63 |
| Gerken Material | West Millgrove | 4/25/2017 | 99 | 94 | 85 | 82 | 21.6 | 12.3 | 1789 | 110 | 11.01 |
| Graymont Dolime | Genoa | 5/2/2017 | 100 | 98 | 78 | 71 | 29.2 | 16.8 | 2679 | 148.2 | 0 |
| Hanson Aggregates | Bloomville | 5/11/2017 | 100 | 76 | 52 | 38 | 29.5 | 6.3 | 1438 | 105 | 3.82 |
| Hanson Aggregates | Winchester | 12/28/2016 | 83 | 65 | 57 | 49 | 32.6 | 1.1 | 939 | 82.6 | 3.76 |
| Hanson Aggregates | Sylvania | 4/11/2017 | 100 | 100 | 99 | 97 | 23.7 | 10.9 | 1664 | 95.2 | 12.23 |
| Hanson Aggregates | Castalia | 4/25/2017 | 94 | 63 | 38 | 30 | 29.3 | 6.34 | 1124 | 99.2 | 4.29 |
| Hanson Aggregates Plum Run | Peebles | 6/1/2017 | 98 | 81 | 60 | 44 | 22.1 | 11.9 | 1474 | 104.7 | 7.41 |
| Hanson Aggregates Plum Run | Peebles | 6/1/2017 | 100 | 100 | 99 | 88 | 27.3 | 8.3 | 1984 | 99.6 | 0 |
| Hartz Ag Products | Marshallville | 4/11/2017 | - | - | - | - | 39.4 | 0.16 | 1848 | 93.2 | 0.88 |
| Hartz Ag Products | Marshallville | 4/11/2017 | - | - | - | - | 38.9 | 0.28 | 1847 | 94.5 | 1.15 |
| Martin Marietta | Woodville | 4/5/2017 | 96 | 82 | 59 | 44 | 22.3 | 12.7 | 1404 | 104.7 | 11.29 |
| Melvin Stone Company | Wilmington | 4/18/2017 | 90 | 76 | 49 | 41 | 22.5 | 12.4 | 1357 | 103.8 | 3.85 |
| MGQ Aggregates | Tiffin | 6/5/2017 | 97 | 87 | 75 | 64 | 22.4 | 12.3 | 1731 | 108.9 | 5.6 |
| Mineral Processing | Carey | 4/12/2017 | - | - | - | - | 21.9 | 12.2 | 2030 | 101.9 | 0.35 |
| Mineral Processing | Carey | 4/12/2017 | - | - | - | - | 29.9 | 6.12 | 1861 | 93.4 | 0.36 |
| Mississippi Lims | Huron | 4/25/2017 | 100 | 99 | 96 | 64 | 39.1 | 0.93 | 1093 | 97.7 | 42.91 |
| National Lime & Stone | Delaware | 4/12/2017 | 97 | 92 | 70 | 56 | 30.3 | 6.1 | 1532 | 95.2 | 4.43 |
| National Lime & Stone | Carey | 4/12/2017 | - | - | - | - | 16.9 | 8.98 | 1722 | 86.2 | 0 |
| National Lime & Stone | Carey | 4/12/2017 | 99 | 91 | 69 | 56 | 22.7 | 12.6 | 1715 | 105.7 | 3.19 |



2017 Lime Sampling Analysis Report

| Company Name | Location | Date | 8 | 20 | 60 | 100 | Calcium | Magnesium | ENP | TNP | Moisture |
|-------------------------------|----------------|------------|-----|-----|-----|-----|---------|-----------|------|-------|----------|
| National Lime & Stone | Bucyrus | 5/3/2017 | 99 | 91 | 87 | 68 | 31 | 5.35 | 1821 | 105.5 | 5.17 |
| National Lime & Stone | Lima | 5/10/2017 | 97 | 87 | 66 | 58 | 19.9 | 11.4 | 1996 | 132.7 | 6.69 |
| National Lime & Stone | Upper Sandusky | 5/8/2017 | 100 | 100 | 98 | 92 | 21 | 12.2 | 2174 | 109.6 | 0 |
| Neitsche North Shore | Flat Rock | 5/11/2017 | 100 | 81 | 54 | 48 | 26.3 | 7.27 | 1400 | 102 | 7.29 |
| Newark Water Treatment Plant | Newark | 10/11/2017 | - | - | - | - | 31.6 | 1.41 | 1146 | 91 | 37.02 |
| Ohio Asphaltic Limestone Corp | Hillsboro | 4/24/2017 | 97 | 74 | 55 | 43 | 19.9 | 11.2 | 1302 | 99.5 | 7.82 |
| Olen Corp | Columbus | 4/10/2017 | 100 | 100 | 99 | 91 | 33.9 | 4.42 | 1713 | 100.8 | 14.71 |
| Piqua Materials, Inc | Piqua | 4/10/2017 | 100 | 100 | 100 | 85 | 35.4 | 3.67 | 2070 | 103.5 | 0.1 |
| Piqua Materials, Inc | Piqua | 4/10/2017 | 99 | 99 | 99 | 84 | 34.1 | 4.13 | 1969 | 100 | 0.58 |
| Shelly Materials | West Mansfield | 4/12/2017 | 94 | 75 | 42 | 28 | 21 | 11.9 | 1246 | 99 | 4.06 |
| Shelly Materials | Ostrander | 4/12/2017 | 96 | 73 | 64 | 39 | 32 | 5.62 | 1449 | 100.9 | 2.99 |
| Shelly Materials | Forest | 5/31/2017 | 98 | 78 | 56 | 45 | 22.2 | 12 | 1477 | 107.4 | 6.09 |
| Stoneco Inc | Maumee | 4/11/2017 | 97 | 91 | 88 | 82 | 22.4 | 12.7 | 1746 | 107.2 | 10.49 |
| Stoneco Inc | Celina | 4/12/2017 | 90 | 67 | 47 | 26 | 22.5 | 12.9 | 1335 | 108.4 | 3.18 |
| Stoneco Inc | Portage | 4/12/2017 | 97 | 91 | 87 | 81 | 22.3 | 12.2 | 1673 | 104.8 | 11.88 |
| Stoneco Inc | Oakwood | 4/19/2017 | 88 | 61 | 31 | 23 | 29.9 | 6.81 | 1115 | 105.1 | 2.48 |
| Stoneco Inc | Carey | 6/7/2017 | 100 | 97 | 90 | 81 | 22.6 | 12.2 | 1932 | 110.4 | 7.69 |
| Systech Environmental Corp | Paulding | 4/24/2017 | 98 | 91 | 86 | 78 | 28.4 | 1.14 | 1016 | 72.6 | 22.58 |
| The Andersons Inc | Maumee | 4/19/2017 | - | - | - | - | 24.4 | 9.25 | 1732 | 87.8 | 1.32 |
| Tyler Grain & Feed | Smithville | 4/6/2017 | - | - | - | - | 29.6 | 6.53 | 1931 | 97.2 | 0.65 |
| Tyler Grain & Feed | Smithville | 4/6/2017 | - | - | - | - | 22 | 12.2 | 1973 | 99.1 | 0.47 |
| White Rock Quarry | Clay Center | 4/25/2017 | 94 | 88 | 83 | 78 | 21.1 | 11.9 | 1697 | 104.4 | 6.79 |