



Mount Vernon

The City of Mount Vernon

Lime Characteristics

2022

Analyte	Result	Units	Tested
Total Neutralizing Value (CaCO ₃)	61.3	%	09/08/2021
Moisture	36.6	%	09/08/2021
pH	8.79	S.U.	04/20/2022
Total Solids	60.50	%	03/29/2022
Aluminum [Al]	343.63	ppm	03/29/2022
Arsenic [As]	6.77	ppm	03/29/2022
Barium [Ba]	238.38	ppm	03/29/2022
Boron [B]	< 100	ppm	09/08/2021
Cadmium [Cd]	< 0.75	ppm	03/29/2022
Calcium [Ca]	21.20	%	09/08/2021
Chromium [Cr]	< 2.40	ppm	03/29/2022
Copper [Cu]	< 1.51	ppm	03/29/2022
Iron [Fe]	1620	ppm	09/08/2021
Lead [Pb]	< 1.51	ppm	03/29/2022
Magnesium [Mg]	0.0094	%	09/08/2021
Manganese [Mn]	311.75	ppm	03/29/2022
Mercury [Hg]	< 0.03	ppm	03/29/2022
Nickel [Ni]	< 6.69	ppm	03/29/2022
Phosphorus [P]	< 0.0005	%	09/08/2021
Potassium [K]	< 0.005	%	09/08/2021
Selenium [Se]	< 1.51	ppm	03/29/2022
Silver [Ag]	< 0.75	ppm	03/29/2022
Sodium [Na]	0.0002	%	09/08/2021
Sulfur [S]	< 0.0005	%	09/08/2021
Zinc [Zn]	< 2.05	ppm	03/29/2022

*Samples collected on 09/08/2021 for field application acceptability.

**Samples collected on 03/29/2022 for beneficial use application process.

Results based on an average of multiple samples collected from varying locations and depths within the western lime lagoon.