

# THIOGUARD®

## *Magnesium Hydroxide Slurry Trial Units*

Martin Marietta provides equipment and engineering support to conduct wastewater trials with THIOGUARD® Magnesium Hydroxide Slurry with a minimum of disruption to the existing process and easy tie in. With our combination of metering and storage systems, your odor & corrosion control system can stay intact allowing for a quick conversion between THIOGUARD® and your current system during trial periods.



Our tote system is designed for trials of short duration or low feedrate. A 275-gallon feed tote with agitator and metering system is located close to the injection point. Additional THIOGUARD® slurry is transferred from standard totes to the feed tote as needed without trial interruption.

For trials of longer duration or high feedrates, Martin Marietta can provide a twin tank system. The twin tank system is comprised of two agitated 2500-gallon storage tanks that are capable of receiving THIOGUARD® slurry in tank truck quantities (3700 gallons.) The system can be equipped with heaters to prevent freezing.



The metering pumps are designed specifically for each customer in terms of pumping rate (gallons/minute), head pressure and injection pressure. The pumps can be controlled manually or remotely via a 4 – 20 mA signal for easy connection to existing control systems. The feed line from the pump to the injection site is sized for proper pipe velocity.

***Martin Marietta engineers can provide assistance in designing permanent installations.***

### **Martin Marietta Magnesia Specialties**

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