

# THIOGUARD® TST

PREMIER TECHNICAL RESOURCES — TECHNICAL GRADE TREATMENT SYSTEMS FOR ODOR, CORROSION, FOG, BIOLOGICAL, AND BIOSOLIDS PROCESSING

## DID YOU KNOW?

- In addition to controlling odors and corrosion, **THIOGUARD** also helps reduce FOG, improves biological treatment plant performance, and enhances solids dewatering.
- THIOGUARD** routinely outperforms the competition and in most instances reduces costs as well.
- No other collection system odor control product can provide as many additional downstream performance and cost-saving benefits as **THIOGUARD**.

### CHART KEY

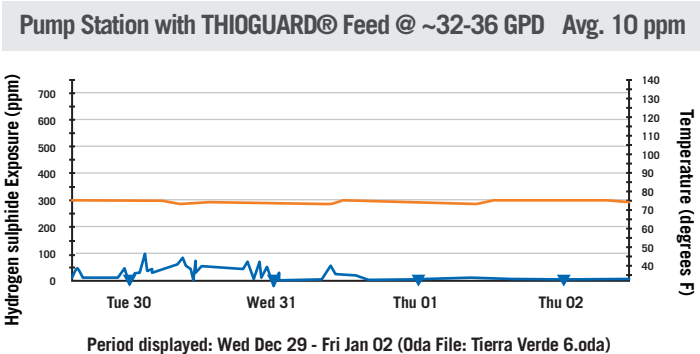
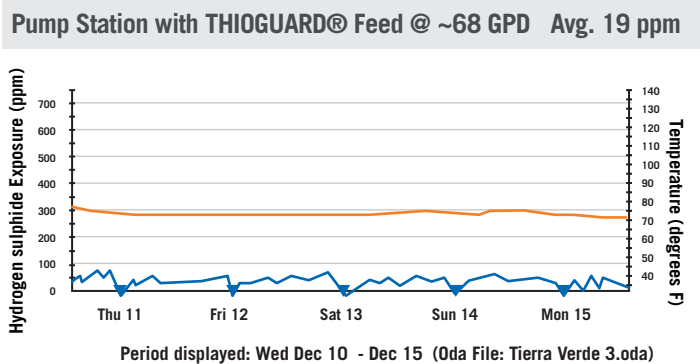
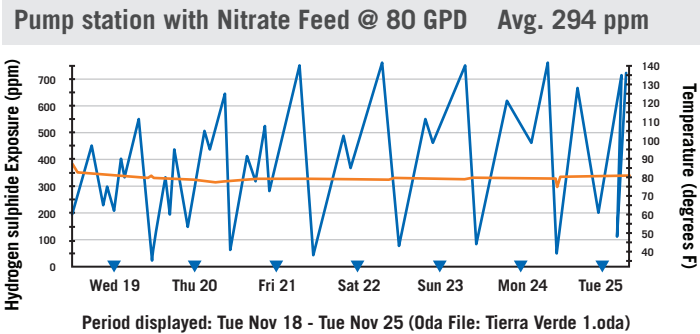
- INST: MIN (0.00 PPM) MAX (746.00 PPM)
- ▼ DAY TRANSITION
- ..... AVERAGE (294.08 PPM)
- TEMPERATURE



THIOGUARD® TST is a non-hazardous application with no required reportable quantities (RQ = None)

## THIOGUARD VS. NITRATE PRODUCTS

In a recent head-to-head trial, **THIOGUARD** outperformed Nitrate. With Nitrate feeding at 80 gallons per day, **THIOGUARD** outperformed Nitrate by feeding less than 40 gallons per day, saving 40% in dollar costs and achieving a 97% improvement in reduction of H<sub>2</sub>S gas levels. To find out if **THIOGUARD** can improve your H<sub>2</sub>S control program and save your plant money, please contact your local **THIOGUARD** representative or visit: [www.THIOGUARD.com](http://www.THIOGUARD.com)



### H<sub>2</sub>S CONCENTRATION SYMPTOMS

**0 ppm**  
Irritation of eyes, nose, and throat

**2 ppm**  
Bronchial constriction in asthmatic individuals, spontaneous abortion

**5–9.3 ppm**  
Increased blood lactate concentration, decreased skeletal muscle citrate synthase activity

**10–50 ppm**  
Headache, dizziness, nausea, vomiting, coughing, difficulty breathing

**50–200 ppm**  
Severe respiratory tract irritation, eye irritation/acute conjunctivitis, shock, convulsions, coma and death in severe cases

**150–250 ppm**  
Olfactory paralysis

**VISIT THIOGUARD.COM TO REQUEST INFO OR SCHEDULE A CALL**

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ISO 9002:1994

A DIVISION OF  
**PREMIER**  
MAGNESIA, LLC

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