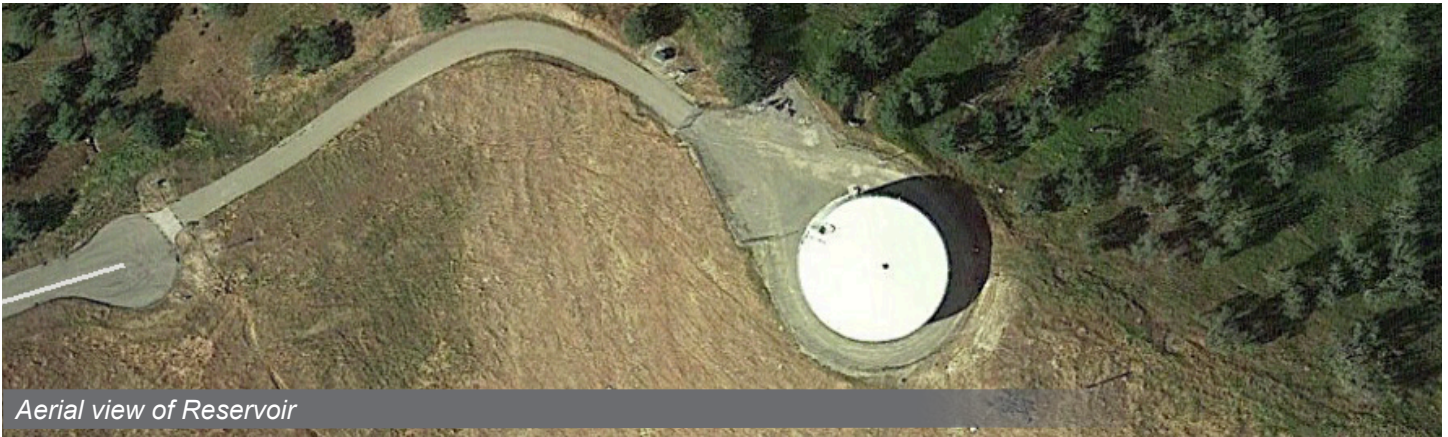


# Medora Corporation

## THM Removal in a 1MG Steel Ground Storage Tank

>75% reduction in TTHMs achieved.

Topics: trihalomethane reduction, spray aeration



Aerial view of Reservoir

### Contact Information

Further information may be available upon request. Please contact Medora Corporation via phone at 866-437-8076 or by e-mail, [info@medoraco.com](mailto:info@medoraco.com)

### Tank / Reservoir Build Information:

Volume: 1 MG  
Type: Ground Storage Tank (GST)  
Construction: Welded Steel  
Height: 25 feet  
Diameter: 85 feet  
Hatch Size: 36 inch square  
Inlet / Outlet: Separate  
Fill Rate: 1400 GPM  
Cathodic Protection: Yes

**Disinfectant Type:** Chlorine

**Pre-Installation Conditions:** Total trihalomethanes (TTHM) measured ~150 µg/L during peak times.

**Objectives:** 50% TTHM reduction.

**Solution:** Two (2) GridBee® SN Series Large Frame Spray Aeration Systems with blower ventilation.

**Results:** The GridBee® THM Removal System attained >75% TTHM reduction. The Water District is very satisfied with the results and continues to benefit from excellent water quality.

*“Your system knocked the heck out of our THM’s, the system has been working without any issues. I am willing to discuss my experience with other facilities.”*

-District Engineer



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