



**evoqua**  
WATER TECHNOLOGIES



## **CLEAR-SPAN GUARDRAIL SYSTEM**

**EASY ACCESS AND ENHANCED SAFETY FOR STRUCTURALLY SUPPORTED COVERS**

## SECURE GUARDRAIL SYSTEM

Structurally supported covers from Evoqua's Geomembrane Technologies are a proven way to control foul odors and algae at water and wastewater treatment plants worldwide. The covers consist of a high-strength, retractable sheet of coated fabric tensioned across a low-profile aluminum arched frame that spans the tank opening. This design helps prevent common problems at treatment plant while still providing easy access to tank internals for inspection and maintenance.

An opened tank cover can present a potential Occupational Health and Safety (OH&S) risk that needs to be responsibly addressed.

Treatment plant staff and their engineering advisors often inquire about ways to combine the easy access of a retractable cover with the increased safety that comes with a guardrail system. In response to these requests, Geomembrane Technologies has developed a clear-span guardrail for its structurally supported cover system.

### BENEFITS:

- Enhances safety for plant workers
- Custom-designed solution to meet plant needs
- Does not interfere with plant operations
- Designed to support code loads





## **INCREASE SAFETY AT YOUR TREATMENT PLANT**

Geomembrane Technologies offers an optional guardrail system that is custom designed to fit over the arched ends of our structurally supported covers. The clear-span guardrail aligns with the end of the retractable covers and, for most covers, spans the tank width with no vertical posts. This means the cover can be easily rolled open and closed without interference from guardrail posts.

The guardrail slightly increases the portion of a tank opening that can be accessed by retracting the cover since the arched ends of Geomembrane Technologies™ brand covers need to be set back +/- 8" from the guardrail to allow space for workers to roll the covers. Geomembrane Technologies' guardrails are also custom designed to withstand code loads.



## COVER & LINER SYSTEMS

With over 30 years of experience delivering solutions for demanding water and wastewater applications, Geomembrane Technologies has grown to become a global leader in cover and liner systems.

**Geomembrane Technologies™**  
an EVOQUA brand

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