

MONITOR
TEST #6347
MASS INTEGRITY TEST
TEST #7902

FOCS INTEGRITY TEST
TEST #4407

Fluid
Testing

Integrity Testing To
Meet Every AST Need.

Outperforms Testing Methods That Cost 10 Times More.

Tanknology Environmental, Inc.—World leader in tank leak detection, introduces the industry's cost-effective answer to continuous monitoring and testing of above ground storage tanks.

This permanent, real-time reporting system requires no operational downtime, and outperforms existing test methods in reliability and safety. Just as important, it costs about one-tenth the expense of double bottom installations.

Based on advanced fiber optic chemical sensor (FOCS) technology, the system is effective with virtually any size AST, including tanks exceeding 200 feet in diameter.

Tanknology's Continuous Monitoring System sets the new standard in AST leak detection, safety, support documentation and "good citizen" environmental response.

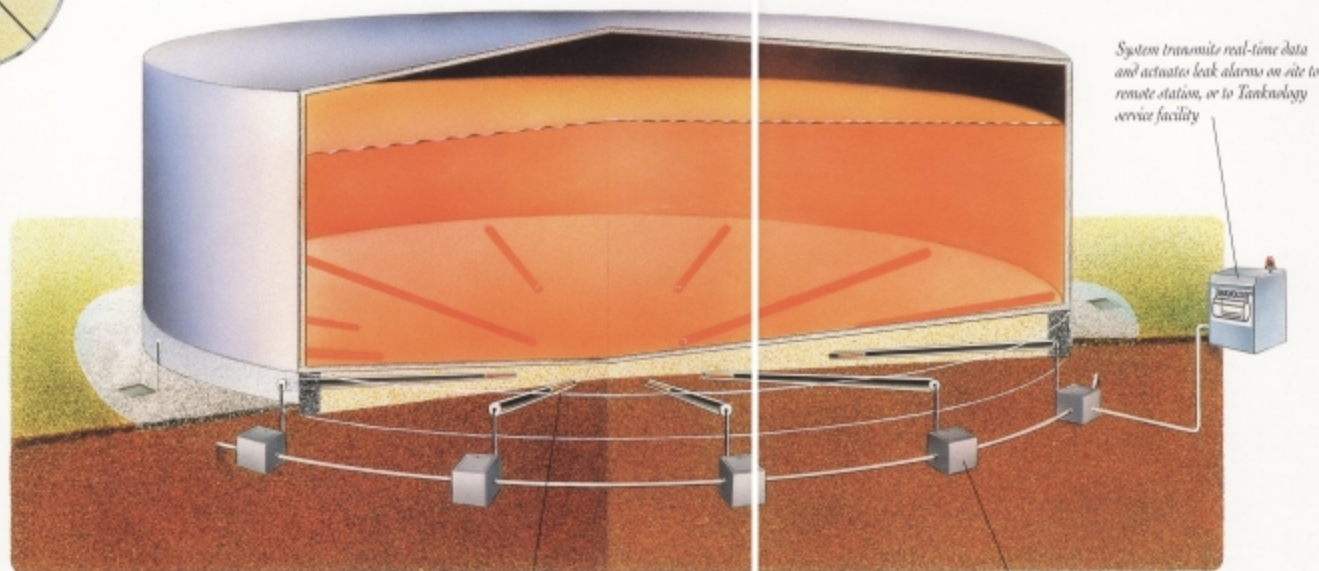
How Continuous Monitoring Works

Special fiber optic chemical sensors, installed in horizontal conduits under the AST, detect the presence of escaping hydrocarbons. Calibrated sensors establish an existing background baseline (compensating for ambient "noises"), and continuously monitor vapor flow in real time.

If a significant deviation from baseline occurs, indicating a leak, the system automatically actuates audible and visual alarms located on the site, at a remote location, or over a modem to the nearest Tanknology service facility. The system identifies the conduit in closest proximity to the leak, localizing the repair site.



Number of sensors is dependent on diameter of AST and product contained



Special fiber optic sensors in conduits under AST detect any escaping hydrocarbons

Sensor junction box

Only Tanknology's Continuous Monitoring System Delivers All These Performance Advantages:

- Monitors continuously for traces of hydrocarbon vapors
- Calibration flexibility meets any site requirements
- Non-intrusive...no downtime or disruption of daily routine
- Sensors measure in ppm for both water and vapor
- Highly sensitive to gasoline; insensitive to methane
- Minimizes product losses and soil contamination
- Inherently safe—no pump out, degassing and no hazardous worker entry into AST for testing