



STATE OF TENNESSEE
 DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 DIVISION OF UNDERGROUND STORAGE TANKS
 4th Floor, L & C Tower, 401 Church Street
 Nashville, TN 37243-1541

ANNUAL ELECTRONIC INTERSTITIAL MONITORING TEST REPORT

This report is used to document functional testing of electronic interstitial monitoring devices.

- In the absence of an approved 3rd party test procedure or manufacturer's recommended practice, the procedure outlined below may be used to verify the interstitial monitoring devices are working properly.
- Interstitial monitoring is required on all UST systems installed after July 24, 2007.
- Report any unusual operating conditions or suspected releases discovered during this test to the division within 72 hours of discovery. Failure to do so could affect fund coverage in the event of a release.
- Attach documentation of all completed repairs, service invoices, or leak detection equipment replacement to this report, and maintain these records for a period of 12 months.

I. UST FACILITY

II. PERSON CONDUCTING TEST

| | | | |
|--------------------|---------|------------|--------|
| UST Facility ID #: | | Name: | |
| Facility Name: | | Company: | |
| Address: | | City: | State |
| City: | County: | ZIP: | Phone: |
| Tester Signature: | | Test Date: | |

III. TEST AND MONITORING DEVICE INFORMATION (Attach additional pages as necessary)

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| Sensor ID | | | | | | | |
| Manufacturer | | | | | | | |
| Model # | | | | | | | |
| Location: | | | | | | | |
| Type of Sensor(s) (Check all that apply) | <input type="checkbox"/> Float Switch- Type: (<input type="checkbox"/> discriminating <input type="checkbox"/> non-discriminating) | | | | | | |
| | <input type="checkbox"/> Optical Sensor <input type="checkbox"/> Electrical Conductivity Sensor <input type="checkbox"/> Pressure Monitoring Device | | | | | | |
| | <input type="checkbox"/> Vacuum Monitoring Device <input type="checkbox"/> Other (specify): | | | | | | |
| System Setup (Check all that apply) | If a sensor is activated, the interstitial monitoring system responds with the following actions: | | | | | | |
| | <input type="checkbox"/> Visual Alarm <input type="checkbox"/> Audible Alarm <input type="checkbox"/> Tank Monitor Leak Alarm <input type="checkbox"/> Submersible Pump Shutdown <input type="checkbox"/> Off Site Telemetry Alarm <input type="checkbox"/> Other (specify) | | | | | | |

IV. ELECTRONIC INTERSTITIAL MONITORING TEST PROCEDURE

| Check Completed | Task |
|--------------------------|--|
| <input type="checkbox"/> | Monitoring console is operational, no current active alarms. Activate "test" or "diagnostic" mode if applicable. |
| <input type="checkbox"/> | Sensors are present and installed at proper level to detect a release in all appropriate locations. |
| <input type="checkbox"/> | Sensors alarm when activated (immersed in appropriate liquid or other applicable method). |
| <input type="checkbox"/> | Simulated alarm condition causes the appropriate response indicated in the section above. |
| <input type="checkbox"/> | Document the simulated alarms in the facility's alarm history report records as "annual functional test". |
| <input type="checkbox"/> | Inspect all secondary containment sumps: no evidence of leaks, appear to be liquid tight. |
| <input type="checkbox"/> | Inspect all sump inlets and boots connected to the piping where liquid enters the sump, free of obstructions. |
| <input type="checkbox"/> | Inspect tank sump covers to ensure gaskets and seals are installed properly to prevent surface water intrusion. |

Comments (list all problems found, repairs, work performed or other information):
