

# MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

## CONTAINMENT SUMP INTEGRITY TESTING

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| <ul style="list-style-type: none"> <li>➤ This form may be utilized to document integrity testing of containment sumps.</li> <li>➤ Testing of all containment sumps is required at installation and whenever an annual inspection fails.</li> <li>➤ In the absence of an approved 3<sup>rd</sup> party test procedure or manufacturer's recommended practice, the test method outlined below in the "MDEQ Hydrostatic Test Procedure" section may be utilized.</li> </ul> | Date of Test |
|--|--------------|

UST Facility			Person Conducting Test	
Facility Name	MDEQ Facility ID #	Tester's Name		
Physical Address			Company	
City	County	State <b>MS</b>	City	State
UST Owner			Tester's Signature	Date

### Containment Sump Testing

Reason for Test	<input type="checkbox"/> New Installation <span style="margin-left: 100px;"><input type="checkbox"/> Existing Installation (failed annual inspection)</span>			
Type of Test	<input type="checkbox"/> Hydrostatic (Complete "Test Data" table below)			
	<input type="checkbox"/> Vacuum (Attach test equipment manufacturer's data sheet/test protocol to this form)			
	<input type="checkbox"/> Other (Specify)			

#### MDEQ Hydrostatic Test Procedure

1. Fill sump with water to a level at least six inches above the highest penetration fitting or joint (e.g. two piece field assembled sumps) and let stand at least 15 minutes to allow water to reach ambient temperature.
2. After ambient temperature is reached, carefully measure the fluid level to the nearest 1/8<sup>th</sup> inch.
3. Leave the sump undisturbed for at least one hour then compare the starting fluid level to the ending fluid level.
4. If the fluid level is the same or it has changed by 1/8<sup>th</sup> inch or less the sump passes the test.
5. If the fluid level is different by more than 1/8<sup>th</sup> inch, the sump fails the test.
6. Any containment sump that fails the test must be repaired or replaced (see note below).
7. Properly dispose of all test fluids at the conclusion of testing.

Note: MDEQ certification as a UST installer is required to repair or install spill containment devices.

### Test Data

Sump ID (product stored for STP or dispenser number)								
Test Start Time								
Test End Time								
Test Beginning Fluid Level								
Test Ending Fluid Level								
Test Result (Pass/Fail)								

Comments: