

# MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

## MONTHLY VISUAL INTERSTITIAL MONITORING

- This form may be utilized to document visual interstitial monitoring of secondarily contained UST systems.
- Interstitial monitoring is required on all secondarily contained UST systems installed after October 1, 2008.
- You must maintain a written record that monthly interstitial monitoring has been accomplished.
- If the interstice is monitored electronically, complete the form for "Electronic Interstitial Monitoring."

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

### Visual Interstitial Monitoring

UST System Components Visually Monitored (check all that apply)

- Double-walled Tank   
  Double-walled Pipe   
  STP Sump   
  Dispenser Sump   
  Transition Sump

Interstitial Space:

- Atmospheric   
  Hydrostatically Monitored (Brine Filled)   
  Vacuum Monitored   
  Pressure Monitored

### MDEQ Visual Interstitial Monitoring Procedure

#### Atmospheric (Dry Interstice)

1. Record whether interstice is dry or wet.
2. If wet, note whether fluid is water or fuel or both.
3. Note amount of water / fuel in inches.
4. Remove all fluids from interstice.

#### Hydrostatic (Brine Filled)

1. Record fluid level in inches.
2. Note whether or not present fluid level is within acceptable range.
3. Specify acceptable brine range.

#### Vacuum / Pressure

1. Record vacuum / pressure gauge reading.
2. Note whether or not present gauge reading is within acceptable range.
3. Specify acceptable range.

### Monitoring Results for the Month of

Year

Interstitial Space ID (product stored or dispenser number)									
Component Monitored: Tank / Sump									
<b>Atmospheric</b>	Condition of interstice (Dry / Wet)	<b>D / W</b>	<b>D / W</b>	<b>D / W</b>	<b>D / W</b>	<b>D / W</b>	<b>D / W</b>	<b>D / W</b>	<b>D / W</b>
	If wet – Is fluid Water, Fuel or Both?	<b>W / F</b>	<b>W / F</b>	<b>W / F</b>	<b>W / F</b>	<b>W / F</b>	<b>W / F</b>	<b>W / F</b>	<b>W / F</b>
	If wet - Amount of fluid in inches								
	All fluids Removed during inspection?	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>
	Active Fuel Leaks Observed?	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>
<b>Hydro</b>	Fluid level in inches								
	Is fluid level within allowed range?	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>
	Specify Brine Range:								
<b>Vacuum</b>	Gauge reading								
	Is gauge reading within allowed range?	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>	<b>Y / N</b>
	Specify Range:								

**Comments:**