MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY VISUAL INTERSTITIAL MONITORING

Monitoring Results for the Month of		Year	

- 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.
- 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 **MS**	City	State
UST Owner			Person's Signature	Date

Components Visually Monitored (Mark all that apply): ☐ Double-walled Tank ☐ Double-walled Pipe ☐ STP Sump ☐ Dispenser Sump ☐ Transition Sump

MDEQ Visual Interstitial Monitoring Procedure

Atmospheric *(Dry Interstice)*

1. Physically access the component, inspect, and record whether the interstice is dry or wet.
2. If wet, note whether fluid is water or fuel or both.
3. Measure and record amount of water and / or fuel in inches. (as found / not after removal)
4. Remove all fluids from interstice.
5. Record results as Pass or Fail and select action needed (if applicable)

Hydrostatic *(Brine Filled)*

1. Record fluid level in inches.
2. Note whether or not the present fluid level is within acceptable range.
3. Specify acceptable range.
4. Record results as Pass or Fail and select action needed (if applicable)

Reasons for Failure

1. Fuel or water not removed at time of inspection.
2. Reportable amount of fuel observed. Report to MDEQ and investigate suspected release.
3. Leak observed & not stopped. Immediate corrective action is needed which may include need to shut down tank or piping (if applicable).
4. Brine level not in acceptable range. Report to MDEQ and investigate suspected release.

Visual Interstitial Monitoring

	Interstitial Space ID (product stored or dispenser number)							
	Component monitored: Tank / STP / Transition / Dispenser							
Atmospheric	Condition of interstice (Dry / Wet)	D / W	D / W	D / W	D / W	D / W	D / W	D / W	D / W
Atmospheric	If wet - Is fluid Water, Fuel or Both?	W / F / BOTH	W / F / BOTH	W / F / BOTH	W / F / BOTH	W / F / BOTH	W / F / BOTH	W / F / BOTH	W / F / BOTH
Atmospheric	If wet - Amount of fuel in inches								
Atmospheric	If wet - Amount of water in inches								
Atmospheric	All fluids Removed during inspection?	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N
Atmospheric	Active Fuel Leaks Observed?	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N
Atmospheric	Was leak stopped? Describe leaking component:	Y / N	**Describe**:						
Brine	Fluid level in inches								
Brine	Is fluid level within allowed range?	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N
Brine	Specify Brine Range:								
	Pass / Fail	PASS / FAIL	PASS / FAIL	PASS / FAIL	PASS / FAIL	PASS / FAIL	PASS / FAIL	PASS / FAIL	PASS / FAIL

Action Needed (mark all that apply / not resolved prior to departure)

☐ Liquid Removal needed ☐ Report fuel to MDEQ ☐ Shut down tank or piping immediately

☐ Other:

Comments:

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