

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY GROUNDWATER / VAPOR MONITORING

- This form may be utilized to document monthly monitoring of groundwater / vapor monitoring wells.
- You must maintain a written record that monthly monitoring has been accomplished.
- Whenever the monitoring wells contain 6 inches or more of water, visually examine the water and record your observations under the "Groundwater" section at the bottom of this form.
- If the monitoring wells are dry or contain less than 6 inches of water, the wells must be checked with an instrument capable of detecting the product stored in the tanks and you must record your observations under the "Vapor" section of this form.

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

Procedure for Checking Monitoring Wells

<u>Groundwater Monitoring (Wells Contain Water)</u>	<u>Vapor Monitoring (Wells Are Dry)</u>
<ol style="list-style-type: none"> 1. Record in inches the approximate depth to the top of the water as measured from the top of the well casing. 2. Lower the bailer in the well until it is halfway submerged. 3. Raise the bailer and visually observe the water. 4. Note if there is any sheen of the product stored in the tank observed on top of the water in the bailer. 5. Note if there is a layer of the stored product observed on top of the water (record the layer thickness to the nearest 1/8 inch). 6. Report to MDEQ immediately (within 24 hours) anytime you observe a layer of petroleum of 1/8 inch or more on the water. 	<ol style="list-style-type: none"> 1. Ensure that vapor monitoring instrument is calibrated in accordance with the instrument manufacturer's recommendations. 2. Record the vapors in parts per million (ppm). 3. Record the vapor meter manufacturer and the model number of the instrument. 4. Record the date the vapor meter was last calibrated. 5. Report to MDEQ anytime the vapor readings increase substantially from one month to the next.

Monitoring Results for the Month of		Year	
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Monitoring Well Number		1	2	3	4	5	6	7	8
GROUNDWATER	Approximate depth to top of the water in the well (inches)								
	Is there any sheen of the store product on the water? (yes/no)								
	Is there any layer of the stored product on the water? (yes/no)								
	If there is a layer of the stored product, how thick is it? (inches)								

VAPOR	Vapor reading (record in parts per million)								
	Have the vapor readings substantially increased from the previous month? (yes/no)								
	Vapor Meter manufacturer and model number								
	Date Vapor Meter was last calibrated								

Comments: