

Work Plan for Plugging Monitor Wells

Facility I.D. # _____

Facility	Owner	ERAC
Name:	Contact & Name:	Contact & Name:
Address:	Address:	Address:
List of Wells to be Plugged		Total Number
Four-inch Wells:		
Two-inch Wells:		
One-inch Wells:		
Total Linear Feet of Wells to be Plugged		
Four-inch Wells	Two-inch Wells	One-inch Wells
No. of Recovery Vaults to be Plugged	MDEQ Project Manager	Date

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY – UNDERGROUND STORAGE TANK BRANCH
7/25/05

Current Regulations of the Office of Land and Water Resources (Land and Water) state that, "unsealed abandoned wells or holes constitute a potential hazard to health, safety, welfare, and to the preservation of the ground water resources". The wells listed (also shown on enclosed site map) for the location must be plugged according to these procedures.

Well Plugging Procedures:

Monitoring wells/recovery wells must be plugged according to Land and Water Regulations. In order to receive copies of these regulations, please contact the Office of Land and Water Resources, P.O. Box 2309, Jackson, Mississippi, 39225-2309. The UST Branch requires the following revisions to the Land and Water procedures:

1. An Immediate Response Action Contractor (IRAC) or an Environmental Response Action Contractor (ERAC) must perform this work.
2. In Section IV, Part F, Subpart 1, a tremie pipe (a device that carries grouting material to the bottom of the borehole or casing and allows pressure grouting from the bottom up without introduction of appreciable air pockets) must be used in all cases where wells are to be plugged. The use of centrifugal pumps, grouting machines, or gravity feed may be used for plugging activities regardless of the diameter or depth of the well to be plugged.
3. In Section IV, Part F, Subpart 1, plugging material shall be a mixture of 94 lbs. of Portland cement, 5 lbs. of granulated bentonite, and 8 gallons of water.
4. In Section IV, Part F, Subpart 1, deviations from the above procedures may be approved only upon written request to the MDEQ Office of Land and Water and the UST Branch.
5. Recovery well vaults shall also be plugged at the time of the well plugging. The vaults shall be plugged with a concrete mixture and the plugged vaults shall be flush to the ground.
6. The area around the well should be as clean after plugging as when the contractor arrived. Upon completion of plugging procedures, the owner is required to report, on forms required by Land and Water (see attachment), the procedures used for well plugging and the number and location of the wells plugged.
7. The "Water Well Plugging Decommissioning Form" must be sent to the Office of Land and Water Resources at P.O. Box 2309, Jackson, Mississippi, 39225-2309.

NOTE: All wells to be plugged must be checked for free product prior to the plugging activities. If a well contains free product, contact the OPC immediately. Do not proceed with plugging activities unless the OPC directs otherwise.

UST Branch Reporting Requirements

Upon completion of the plugging procedures, the owner must submit this signed form along with the request for reimbursement (including contractor's invoice) and a completed Certification Affidavit to: Contracting Officer, Mississippi Department of Environmental Quality, UST Branch, P.O. Box 2261, Jackson, Mississippi 39225-2261.

Plugging Report for Monitoring Wells

Facility I.D. # _____

Facility		Owner	
Name:		Name:	
Address:		Address:	
Total Number of Wells Plugged			
Four-inch Wells	Two-inch Wells	One-inch Wells	
Total Linear Feet of Wells Plugged			
Four-inch Wells	Two-inch Wells	One-inch Wells	
No. of Recovery Vaults Plugged		Date Plugging Completed	
Deviations from Work Plan			
(If any wells were not plugged, list each well and provide an explanation for each.)			
Wells Plugged By			
Name of Contractor Company:			
I certify under penalty of law that the wells indicated in this and all attached documents have been plugged according to the procedures listed in this document and the Office of Land and Water Resources Regulations. I believe that the submitted information is true, accurate, and complete.			
Contractor's Signature		Date	