



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
JACKSON ENVIRONMENTAL FIELD OFFICE  
**DIVISION OF SOLID WASTE MANAGEMENT**  
1625 HOLLYWOOD DRIVE  
JACKSON, TENNESSEE 38305-4316

**CERTIFIED MAIL 7012 1010 0001 3268 9973**  
**RETURN RECEIPT REQUESTED**

March 3, 2017

Mayor Jimmy Sain  
Hardeman County Mayor  
P.O. Box 250  
Bolivar, TN 38008

RE: **Notice of Deficiency**  
**Hardeman County Landfill Groundwater Assessment**  
SNL 35-101-0223  
Hardeman County

Dear Mayor Sain:

This letter addresses the Groundwater Assessment at the Hardeman County Landfill (SNL 35-101-0223). The Division of Solid Waste Management (DSWM) has reviewed the most recent Assessment Monitoring Report of the Second Semi-Annual sampling event, which was performed on October 26, 2016. Our review of the report indicates deficiencies in the report and that the actions as discussed below are required to bring the landfill into regulatory compliance.

The following deficiencies were identified in the report.

- The well survey map is required to be updated on an annual basis. The well survey map was not updated in 2016. The updated groundwater user survey must be submitted within 30 days of receipt of this letter.
- The residential wells were sampled in October of 2016. The residential well sampling results should have been included in the Assessment Monitoring report along with a discussion of the sampling results related to the groundwater assessment of the landfill. The sampling results show that the residential well located at 1060 Walton Rd. continues to indicate detections of mercury and volatile organic compounds. Although the Division has been informed that public

water has been made available to this residence and the well is no longer being used as a source of potable water, the Division has not received the requested written documentation verifying this. In addition, DSWM regulations require written notification to all persons who own land or reside on the land that directly overlies any part of the plume of contamination from the landfill. The required written documentation concerning this well must be submitted within 30 days of receipt of this letter.

In addition to these requirements, based upon the higher chloride concentrations in monitoring wells MW-6 and MW-11, the assessment report recommended that at least one additional monitoring well should be installed across Highway 64 north of MW-6. The Division agrees with this recommendation and this well must be installed within 90 days of receipt of this letter.

If you have any questions or comments concerning this correspondence, please contact me by email [Michael.David@tn.gov](mailto:Michael.David@tn.gov) or by phone 731-512-1373.



Michael David, P.G.

Geologist

Division of Solid Waste Management

Jackson Environmental Field Office



James (Pete) Kelly

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