

Technical Review of the Mound Site

Summary

by **EHS TECHNOLOGY GROUP, LLC**

Review Date: September 23, 2004

Reference Document: Building 56 Building Data Package, Public Review Draft, August 2004.

Purpose: The purpose of this document is to notify the public of the demolition of Building 56, a Water Tank Pump House.

Assessment of Review: Building 56 is a Water Tank Pump House and served as a pumping station for fire protection water. Inside the building was a 1,500 gallon per minute diesel powered centrifugal pump and a 250 gallon fuel tank. Adjacent to the building is a 350,000 gallon metal at-grade groundwater storage tank. This tank will also be demolished with the building.

Technical Analysis: In August 2004, a Building Data Package was submitted for public review and comment. The data package proposes the demolition of Building 56 and the adjacent at-grade water tank. Building 56 is currently inactive, but when operational was used to pump water for the fire protection system. Building 56 was used for the same purpose since construction in 1973 and no research or development was conducted in this building. During the Safe Shutdown procedure, no environmental concerns were noted which would affect the demolition activity.

EHS has had the opportunity to review and comment on this Building Data Package. We concur that it is appropriate to demolish Building 56 with no significant environmental concerns.

As always, coordination between CH2M Hill, the cleanup contractor at the Mound Site, and Miamisburg Mound Community Improvement Corp. (MMCIC -developer of the Mound site) will result in the return of these areas to the proposed use in the Mound Comprehensive Reuse Plan.

Substantive Comments: EHS concurs with the planned demolition of Building 56. Coordination between CH2M Hill, the DOE and MMCIC is important to ensure that the area is left in a condition consistent with the Mound Reuse Plan.

If EHS's understandings are correct, no specific response to the above comment is necessary, and we understand that these comments will be included in the OSC report.