

Technical Review of the Mound Site

Summary

by **EHS TECHNOLOGY GROUP, LLC**

Reference Document: Building 104 Data Package (Demolition); Public Review Draft, March 2005

Purpose: The purpose of this document is to notify the public of the Demolition Activity proposed for Building 104.

Assessment of Review: EHS has had the opportunity to review and comment on this Building Data Package. We concur with the planned demolition action for Building 104. This data package was prepared in accordance with the requirements specified in the *Work Plan for Environmental Restoration (ER) of the DOE Mound Site, The Mound 2000 Approach*. As such, all appropriate inquiry was made into the condition of the building and any associated environmental concerns that would impact the demolition activities were assessed.

Technical Analysis: Building 104 was constructed in 1991 as the Test Fire Maintenance Facility. When it was constructed, the Maintenance Facility contained offices, a lavatory, an electronics and small parts assembly room, a storage area, and a fabrication/maintenance shop. In the mid-1990's the building was made available to the Miamisburg Mound Community Improvement Corporation (MMCIC) as a "user facility" and leased to a commercial entity. In 2002, the building was returned to site use as an office area and was still used in that capacity until March 2005 when Safe Shutdown activities began.

Substantive Comments: EHS concurs with the planned demolition action for Building 104. We understand that all chemicals will be removed prior to demolition and all equipment will either be removed prior to demolition or demolished with the structure.

EHS understands that contaminated soils detected in Borehole 47 are not included within a PRS boundary and that these sample location will be included in the residual risk evaluation of Parcel 8.

Coordination between CH2M Hill, the DOE and MMCIC is important to ensure the building area (after demolition) is left in a condition consistent with the Mound Reuse Plan.