

Executive Summary

This letter report proposes an amendment to the 1994 EE/CA for OU 5 to revise the location of the Phase III containment system based on additional information on the nature and extent of contamination. Revisions to the Phase III system design required to achieve the original performance objectives were presented along with estimated costs of construction, and project implementation schedule. The design will include a capture trench and downgradient slurry wall. The estimated cost for this system is approximately \$813,000 within an estimation accuracy range of -30%/+50%. The system is scheduled to be in operation/startup in December 2002. Additionally, as part of this EE/CA addendum, the elimination of Phases IV and V was proposed. This is justified by changes in plume definition for Phase IV (Zone 16 plume) and because elevated arsenic concentrations at the proposed Phase V (Bamberger Pond) area were found to be naturally occurring.