

Nevada
Environmental
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Project



Addendum to the Corrective Action
Decision Document/Closure Report for
Corrective Action Unit 232:
Area 25 Sewage Lagoons,
Nevada Test Site, Nevada, Revision 0

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**ADDENDUM TO THE CORRECTIVE ACTION DECISION
DOCUMENT/CLOSURE REPORT
FOR CORRECTIVE ACTION UNIT 232:
AREA 25 SEWAGE LAGOONS,
NEVADA TEST SITE, NEVADA, REVISION 0**

DOE Nevada Operations Office
Las Vegas, Nevada

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**ADDENDUM TO THE CORRECTIVE ACTION DECISION DOCUMENT/
CLOSURE REPORT FOR CORRECTIVE ACTION UNIT 232:
AREA 25 SEWAGE LAGOONS,
NEVADA TEST SITE, NEVADA, REVISION 0**

Approved by: _____ Date: _____

Janet Appenzeller-Wing, Project Manager
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Approved by: _____ Date: _____

Runore C. Wycoff, Division Director
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Preface

This document is an addendum to the Corrective Action Decision Document/Closure Report for Corrective Action Unit 232: Area 25 Sewage Lagoons, Nevada Test Site, Nevada, DOE/NV--582-Rev. 0. This addendum provides the requested documentation that supports the assertion that contamination above levels of concern does not exist in the abandoned sewer lines.

The attached addendum summarizes the results of the manhole investigation conducted during March 2000. Results of the manhole investigation indicate that no changes to the Corrective Action Decision Document/Closure Report are necessary and all other sections of the document shall remain unchanged.

Addendum Summary

During March 2000, personnel from Nevada Division of Environmental Protection (NDEP), U.S. Department of Energy (DOE), and IT Corporation inspected manholes associated with the Corrective Action Unit (CAU) 232 sewage lagoon to determine if an adequate volume of residual solids/sludges remain for analytical sampling. Sludge was not found in any of the manholes. The manholes contained trace amounts of soil particles and rodent excreta. In this region, the presence of rodent excreta heightens the probability for the hantavirus. The material in the manholes were not sampled because of insufficient volume and an analytical laboratory could not be identified to process samples potentially containing the hantavirus. The material found in the manholes appear to be incidental to post-operations system decay and passive influent, and therefore, not contaminated by operational discharges to the system. With concurrence from NDEP and DOE, the decision was made that further sampling would not be necessary at this CAU.

Table 1-1 describes the interior of the manholes investigated. Manholes MH-3 and MH-4 are located within the Test Cell C perimeter fence. Manholes MH-1 and MH A-4 are located outside the fence enroute to the sewage lagoons. Photographs of selected manholes are included in the Figures 1-1 through 1-4.

Table 1-1 Selected Manholes at CAU 232

Manhole	Manhole Condition
MH-1	Insufficient sediment volume, dry, approx. 3 feet (ft) deep with ladder, orange lid marked "S," more organic material than sediments, rodent excreta present
MH-2	Photo not available. Insufficient sediment volume, rodent excreta present
MH-3	Insufficient sediment (gravel and soil) volume to sample, dry, approx. 5 to 6 ft deep with ladder, live bugs, rodent excreta present, snake skin
MH-4	Insufficient sediment volume, dry, approx. 6 ft deep, chunks of concrete, misc. man-made debris, live bugs, rodent excreta present
MH A-4	Insufficient sediment volume, rodent excreta present, orange lid, moisture on lid and in open half pipe, approx. 8 to 10 ft deep with ladder



Figure 1-1 Manhole 1 (03/16/2000)



Figure 1-2 Manhole 3 (03/16/2000)



Figure 1-3 Manhole 4 (03/16/2000)



Figure 1-4 Manhole 4A (03/16/2000)

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