

WASTE SITE RECLASSIFICATION FORM

Operable Unit: 300-FF-2

Control No.: 2013-103

Waste Site Code(s)/Subsite Code(s):

307 RB; 307 Retention Basins

Reclassification Category: Interim Final
Reclassification Status: Closed Out No Action Rejected

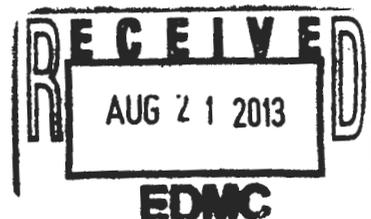
 RCRA Postclosure Consolidated None
Approvals Needed: DOE Ecology EPA
Description of current waste site condition:

The 307 RB waste site is synonymous with a portion of the 340 Building and is located within the 300-FF-2 Operable Unit. The facility consisted of four open, epoxy-coated, concrete basins. Each basin has a nominal 94,500 L (25,000 gal) capacity. The retention process sewer (RPS) ties into the basins on the north side, passing through a sample pit northwest of retention basin #1. The 300 Area process sewer and the radioactive liquid waste sewer (RLWS) drain from the south side of the basins. The 307 Retention Basins are located directly south of the 340 Building and the 340 Vault.

The retention basins were fed by the RPS and discharged to the 300 Area Process Sewer. The RPS line and the 307 Retention Basin systems (the 3707-F control shack, the RPS sample pit, 307 Trench and RLWS diversion control, and other ancillary equipment) were installed to collect "potentially" contaminated liquids from the sinks, drains, and sumps of the laboratory facilities. All facilities tied into the RPS were equipped with in-line beta-gamma detectors at diverter stations in the basement of each building. The 308 Building, now disconnected, did not have in-line detectors. In 1996, the diverter station in 326 was upgraded and took over duties for both the 326 and 329 Buildings. In the event that a detector trips the alarm, all RPS waste was routed to the RLWS by valves at the diverter station. Waste in the basin was then sampled. In the event that sampling detected basin waste above discharge limits, valves at the retention basins enabled operations personnel to route basin effluent to the RLWS.

Basis for reclassification:

A Facility Status Change Form will be developed for the 340 Building once demolition is completed. The 307 RB waste site is covered by the *Comprehensive Environmental Response, Compensation, and Liability Act of 1980* removal action for the 340 Building and should not have been classified as a separate waste site. TPA-MP-14 Rev. 2 dated 9/1/2011 states that buildings/facilities which do not contain a TSD unit shall not be documented in WIDS. This facility contained no TSD units and does not meet MP-14 criteria. Therefore, the 307 RB waste site has been reclassified as "Rejected".



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Regulator comments:

Waste Site Controls:

Engineered Controls: Yes No Institutional Controls: Yes No O&M Requirements: Yes No

If any of the Waste Site Controls are checked Yes, specify control requirements including reference to the Record of Decision, TSD Closure Letter, or other relevant documents:

 T. K. Teynor

DOE Federal Project Director (printed)

 Signature

8-12-2013
Date

N/A

Ecology Project Manager (printed)

Signature

Date

L. E. Gadbois

EPA Project Manager (printed)

 Signature

Aug 13 2013
Date