

WASTE SITE RECLASSIFICATION FORM

Operable Unit: 200-WA-1

Control No.: 2015-059

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

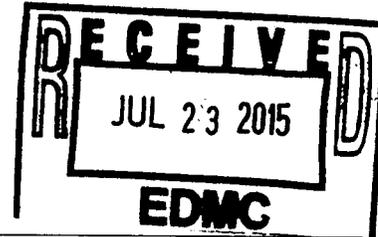
UPR-200-W-71 - Contamination Spread from 16th Street to Dayton Ave (1974)

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:

(What is the current physical state of the site? What activities have been performed?)

On January 24, 1974, contamination spread occurred along the roadways in 200 West Area. ARHCO personnel removed a heel-jet from the 241-U-102 Tank in the 241-U Farm. The jet was taken to the burial ground by truck. After the jet was removed from the truck and placed in the burial trench, the truck was found to be contaminated. A follow-up survey revealed contamination along the route of the truck. At the exit of the 241-U Farm, on 16th Street, spots to 600 millirads/hour were found. Numerous contaminated spots from 20,000 to 100,000 counts per minute were found along 16th Street to the intersection of 16th Street and Dayton Avenue, and on Dayton Ave. to the burial ground. The cause of the contamination spread included inadequate packaging of the failed equipment, inadequate surveillance of the load during transit, and transporting the equipment while it was raining, which made surveillance difficult.

The pavement is not radiologically posted.

**Basis for reclassification:**

(How does the site meet the reclassification status?)

In 1974, the roadway was cleaned and released from radiological control. The truck was decontaminated. The information does not include the burial ground site number. Since there are several burial grounds on Dayton Ave., it is not possible to determine the length of the contamination spread.

A 2004 and 2007 routine surveys of 200 West Area road surfaces using a road monitoring vehicle (surveys SS26552 and SS-275538) found increased activity where tank farm pipelines passed under roads. Low level, non-smearable readings (approximately 100 counts per minute) was documented on Dayton Ave. near the Central Waste Complex.

This waste site should be reclassified to Rejected because the specific event occurred in 1974 and was cleaned and radiologically released using the standards of that time. The road to the burial grounds along Dayton Ave. continued to operate for many years after the release. It is not possible to definitively relate any current contamination to this occurrence.

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Project Manager 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:

John Sands
DOE Federal Project Director (printed)

[Signature]
Signature

7/15/15
Date

N/A
Ecology Project Manager (printed)

Signature

Date

Craig Cameron
EPA Project Manager (printed)

[Signature]
Signature

7/15/15
Date