

Waste Site Reclassification Form

0514846

Date Submitted: 11/3/1999	Operable Unit(s): 200-SW-1	Control Number: 99-102
Originator: B. H. Ford	Waste Site ID: 218-E-6	
Phone: 372-9176	Type of Reclassification Action:	
	Rejected <input type="radio"/>	
	Closed-Out <input type="radio"/>	
	No Action <input checked="" type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

At one time the site was a burn pit that was used to burn wooden items removed from the 291-B stack area during cleanup of the 221-B Exclusion Area. A trench approximately 1.2 meters (4 feet) deep was dug. The contaminated material was then burned and the remaining ashes were covered with soil.

The site was excavated to determine the remaining activity. Pieces of partially burned wood and ashes were uncovered at a depth of 1.2 meters (4 feet). Radioactivity was non-detectable. The site was exhumed and all items and soil from the bottom of the site were disposed of in the 200 East Burial Ground. The zone was released from Radiation Zone status.

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Basis for reclassification:

The site was exhumed and all items and soil from the bottom of the site were disposed of in the 200 East Burial Ground. The zone was released from Radiation Zone status.

<i>Bryan L. Foley</i>	<i>Bryan J. Foley</i>	<i>1/19/00</i>
DOE Project Manager	Signature	Date
<i>Wayne Saper</i>	<i>Wayne Saper</i>	<i>1-19-00</i>
Ecology Project Manager	Signature	Date
_____	_____	_____
EPA Project Manager	Signature	Date

Waste Information Data System General Summary Report

11/3/1988

Site Code: 218-E-6		Site Classification: Accepted		Page 1
Site Names:	218-E-6, B Stack Shack Burning Pit, Buried Contamination			
Site Type:	Burial Ground	Start Date:	1955	
Status:	Inactive	End Date:	1955	
Operable Unit:	200-SW-1	Coordinates:		
Hanford Area:	200E	(E) 573528.188		
		(N) 136349.234		
		Washington State Plane		
Site Description:	At one time the site was a burn pit that was used to burn wooden items removed from the 201-B stack area during cleanup of the 221-B Exclusion Area. A trench approximately 1.2 meters (4 feet) deep was dug. The contaminated material was then burned and the remaining ashes were covered with soil.			
	The site was excavated to determine the remaining activity. Pieces of partially burned wood and ashes were uncovered at a depth of 1.2 meters (4 feet). Radioactivity was non-detectable. The zone was released from Radiation Zone status.			
Location Description:	Originally the site (burn pit) was located in the southeast corner of the 221-B Exclusion Area approximately 94 meters (300 feet) south of 221-B.			
Associated Structures:	The site was related to the 221-B exclusion area. Materials that were burned were collected from within this area and burned in the pit.			
Site Comment:	PNL-6456 states that the site was exhumed and all items and soil from the bottom of the site were disposed of in the 200 East Burial Ground.			

- References:**
1. H. L. Madfield, 3/30/71, Radioactive Contamination in Unplanned Releases to Ground Within the Chemical Separations Area Control Zone through 1970; Part 4, ARH-2015.
 2. R. D. Stenner, K. H. Cramer, D. A. Lamer, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
 3. 2/89, Preliminary Operable Units Designation Project, WHC-EP-0216.
 4. D.H. Deford, R.W. Carpenter, 5/15/95, B-Plant Aggregate Area Management Study Technical Baseline Report, BHI-00179.

<u>Dimensions:</u>		
Depth / Height:	1.22 Meters	4.00 Feet
References:	1. K. F. Bakridge, 7/15/59, Unconfined Underground Radioactive Waste and Contamination in the 200 Areas - 1959, HW-60607.	

<u>Regulatory Information:</u>			
Programmatic Responsibility			
DOE Program:	EM-40	Confirmed By Program:	Yes
DOE Division:	RPD - Restoration Projects Division		
Responsible Contractor/Subcontractor:	BHI - Bechtel Hanford, Inc.		
Site Evaluation			
Solid Waste Management Unit:	Yes		
TPA Waste Management Unit Type:	Permitting		
RCRA Part A Permit:	No	218/218 Permit:	No

RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			
Tri-Party Agreement			
Lead Regulatory Agency:	Ecology		
Unit Category:	RCRA Past Practice (RPP)		
TPA Appendix:	C		
Remediation and Closure			
Decision Document:			
Decision Document Status:			
Remediation Design Group:			
Closure Document:			
Closure Type:			
Post Closure Requirements:			
		Residual Waste:	

Waste Information:

Type: Demolition and Inert Waste

Category: Radioactive

Physical State: Solid

Start Date: 1955

End Date: 1955

Waste Obscured: Soil Overburden

Description: According to the documentation, no waste remains at this site.

In 1955, contaminated wooden forms, a shack and other wooden items were placed into a 1.2-meter (4-foot) deep trench and burned. The ashes were backfilled with dirt and the area was marked with "Underground Contamination" signs.

In 1971, the site was excavated to a depth of 1.2 meters (4 feet). A radiological survey was done on the ashes and partially burned wood. No radiological contamination was found. The site was released from Radiation Zone status. Stenner et al. (1988) report that the site has been adjoined and the contents removed to a 200 East Area burial ground.

References:

1. H. L. Maxfield, 3/30/71, Radioactive Contamination in Unplanned Releases to Ground Within the Chemical Separations Area Control Zone through 1970; Part 4, ARH-2015.
2. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.