

WASTE SITE RECLASSIFICATION FORM		
Date Submitted: <u>3-13-08</u>	Operable Unit(s): <u>100-DR-1</u>	Control Number: 2007-026
Originator: <u>J. M. Capron</u>	Waste Site Code: <u>100-D-41</u>	
Phone: <u>372-9227</u>	Type of Reclassification Action:	
	Closed Out <input type="checkbox"/> Interim Closed Out <input type="checkbox"/> No Action <input type="checkbox"/>	
	RCRA Postclosure <input type="checkbox"/> Rejected <input checked="" type="checkbox"/> Consolidated <input type="checkbox"/>	

This form documents agreement among parties listed authorizing classification of the subject unit as Closed Out, Interim Closed Out, No Action, RCRA Postclosure, Rejected, or Consolidated. This form also authorizes backfill of the waste management unit, if appropriate, for Closed Out and Interim Closed Out units. Final removal from the NPL of No Action and Closed Out waste management units will occur at a future date.

Description of current waste site condition:

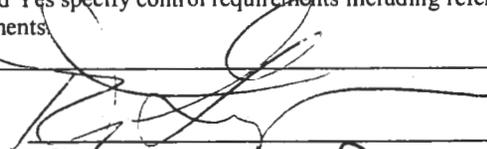
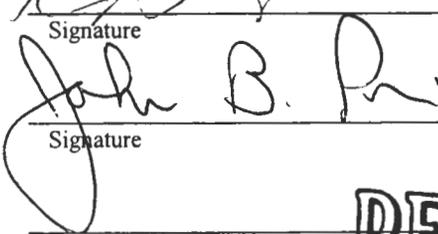
The 100-D-41, Minor Construction Burial Ground #5 Trench is described in the Waste Information Data System (WIDS) as a 23-m (75-ft)-long by 12-m (40-ft)-wide rectangular burial ground, trending north to south. The 100-D-41 site is reported to have been used for the disposal of irradiated reactor parts, dummies, thimbles, rods, gun barrels, and other contaminated solid waste. The site is located 210 m (700 ft) east of the 105-D Reactor and 23 m (75 ft) south of the railroad tracks that serviced the 105-D Reactor. The 100-D-41 waste site was evaluated to determine if the remedial action objectives and goals established by the *Record of Decision for the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-2, 100-HR-2, and 100-KR-2 Operable Units, Hanford Site (100 Area Burial Grounds ROD), Benton County, Washington*, U. S. Environmental Protection Agency, Region 10, Seattle, Washington have been met. The evaluation included historical research, geophysical investigation, and trench excavation, and the conclusion was drawn that this site does not contain waste. As no waste was found within the predetermined WIDS boundary, it should be assumed that the waste described in association with the 100-D-41 site is at another location within the 100-D Area. The waste was likely disposed of in 100-D-47 and/or 118-D-4. As such, the site was not used for the disposal of hazardous/dangerous materials and, accordingly, no residual contamination would be present in the soil.

Basis for reclassification:

The 100-D-41, Minor Construction Burial Ground #5 Trench site evaluation and supporting documentation demonstrate that this site meets the objectives established in the 100 Area Burial Grounds ROD. Based on the evidence gathered from the review of historic aerial site photographs, area surface features, geophysical data, and test trench excavations, it has been determined that the 100-D-41 site was not used for the disposal of reactor waste and is Rejected from consideration as a waste site. The 100-D-41 site does not pose a risk to human health or the environment and will support future unrestricted land uses that can be represented (or bounded) by a rural-residential scenario. No institutional controls are required. The basis for reclassification is further described in the Attachment to Waste Site Reclassification Forms 2007-025 and 2007-026: 100-D-40 and 100-D-41 Minor Construction Burial Ground #5 Hole and #5 Trench (attached).

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.

S. L. Charboneau		3/18/08
DOE Federal Project Director (printed)	Signature	Date
J. Price		3/20/2008
Ecology Project Manager (printed)	Signature	Date
N/A		
EPA Project Manager (printed)	Signature	

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