

WASTE SITE RECLASSIFICATION FORM		
Date Submitted: <u>1/21/08</u>	Operable Unit(s): <u>100-BC-2</u>	Control Number: 2008-002
Originator: <u>L. M. Dittmer</u>	Waste Site Code: <u>116-C-3</u>	
Phone: <u>372-9227</u>	Type of Reclassification Action:	
	Closed Out <input type="checkbox"/> Interim Closed Out <input checked="" type="checkbox"/> No Action <input type="checkbox"/>	
	RCRA Postclosure <input type="checkbox"/> Rejected <input 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 116-C-3 waste site consisted of two underground storage tanks designed to receive mixed waste from the 105-C Reactor Metals Examination Facility chemical dejacketing process. Confirmatory evaluation and subsequent characterization of the site determined that the southern tank contained approximately 34,000 L (9,000 gal) of dejacketing wastes, and that the northern tank was unused. The southern tank wastes were treated in accordance with an approved treatment plan, and remediation, verification sampling, and RESidual RADioactivity (RESRAD) modeling have been performed in accordance with remedial action goals and objectives established by the *Interim Action Record of Decision for the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-2, 100-IU-6, and 200-CW-3 Operable Units, Hanford Site, Benton County, Washington* (Remaining Sites ROD), U.S. Environmental Protection Agency, Region 10, Seattle, Washington. The selected action involved: (1) exposing the upper portions of the underground tanks, (2) chemically and physically treating liquid waste contents, (3) excavating the site to the extent required to meet cleanup levels, (4) disposing of treated waste and contaminated debris and soil at the Environmental Restoration Disposal Facility at the 200 Area of the Hanford Site, (5) demonstrating through verification sampling that cleanup goals have been met, and (6) proposing the site for reclassification as Interim Closed Out.

Basis for reclassification:

In accordance with this evaluation, the verification sampling and modeling results support a reclassification of this site to Interim Closed Out. The current site conditions achieve the remedial action objectives established in the Remaining Sites ROD. The results of verification sampling demonstrate that residual contaminant concentrations do not preclude any future uses (as bounded by the rural-residential scenario) and allow for unrestricted use of shallow-zone soils (i.e., surface to 4.6 m [15 ft] deep). The results also show that residual contaminant concentrations are protective of groundwater and the Columbia River. The suitability of direct exposure to deep-zone soils has not been demonstrated, and institutional controls are required to prevent uncontrolled drilling or excavation into the deep zone. The basis for reclassification is described in detail in the *Remaining Sites Verification Package for the 116-C-3, 105-C Chemical Waste Tanks* (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.

Deed restrictions to prevent uncontrolled drilling or excavation into the deep zone (greater than 4.6 m [15 ft] below ground surface).

STACY CHARBONEAU <del>D. C. Smith</del> <i>sc</i>	<i>Stacy Charboneau</i>	1/29/08
DOE Federal Project Director (printed)	Signature	Date
N/A		
Ecology Project Manager (printed)	Signature	Date
L. Buelow	<i>L. Buelow</i>	1/31/08
EPA Project Manager (printed)	Signature	Date

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