

WASTE SITE RECLASSIFICATION FORM

Date Submitted: <u>8/10/2011</u>	Operable Unit(s): <u>200-MG-1</u>	Control Number: <u>2011-076</u>
Originator: <u>N. Chandran</u>	Waste Site Code: <u>600-49</u>	
Phone: <u>373-4716</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:

(Summarize status of investigation/remediation of the waste sites.)

The 600-49 waste site, also known as H-42 Anti-Aircraft Artillery site, is located south of the 200 East Area and northeast of State Route 240. The 600-49 waste site consists of six concrete foundations and footings, walkways, four artillery emplacements, a shooting range, and some sheet metal and pipe. The selected alternative authorized by DOE/RL-2009-86, *Action Memorandum for Non-Time-Critical Removal Action for 37 Waste Sites in the 200-MG-1 Operable Unit* (Action Memorandum) via TPA-CN-350, *Tri-Party Agreement Change Notice Form: DOE/RL-2009-86 Action Memorandum for Non-Time-Critical Removal Action for 37 Waste Sites in the 200-MG-1 Operable Unit, Rev. 0*, was removal, treatment, and disposal (RTD). Based on observations made during site evaluation, and available historical information and process knowledge, the shooting range backstop was identified as the area with the highest potential for impacted soil, resulting in the implementation of RTD activities in that area, in accordance with DOE/RL-2009-53, Rev. 1, *Removal Action Work Plan for 48 Waste Sites in the 200-MG-1 Operable Unit* (RAWP). Following RTD of the shooting range backstop, verification sampling was performed in accordance with DOE/RL-2009-60, Rev. 1, *Sampling and Analysis Plan for Selected 200-MG-1 Operable Unit Waste Sites*, which demonstrated the 600-49 waste site had achieved compliance with the RALs and corresponding removal action objectives (RAOs).

The results show that residual soil concentrations of COPCs less than or equal to the RALs supports a reclassification of this site to interim closed out. The current site conditions achieve the RALs and the corresponding RAOs established in the RAWP. The results of waste site sampling are used to make reclassification decisions for the 600-49 waste site in accordance with the TPA-MP-14 (DOE-RL 2007) process. Finalization of a backfill concurrence form provided to the agency(ies) constitutes concurrence that the waste site has achieved the established RAOs and thus backfill and/or contouring may occur at the 600-49 waste site with minimal risk. No depression was created in the ground surface of the waste site during RTD activities, which consisted of removing a portion of the shooting range backstop; therefore, backfill is not required at the 600-49 waste site.

Basis for reclassification:

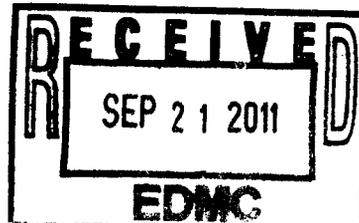
(For interim closeout, reference supporting documentation, as listed in Table 3.)

The current site conditions meet RALs and the corresponding RAOs specified in the Action Memorandum. The results show that the residual soil concentrations support reasonably anticipated future land uses recognized in DOE/RL-2008-44, *Engineering Evaluation/Cost Analysis for the 200-MG-1 Operable Unit Waste Sites*, and the Action Memorandum. The results also demonstrate that residual concentrations of COPCs in soil support unrestricted future use of shallow zone soil (i.e., surface to 4.6 m [15 ft] below ground surface) and that COPC concentrations remaining in the soil are protective of groundwater and the Columbia River. There is no deep zone for the 600-49 waste site therefore no institutional controls are required. The basis for reclassification to interim closed out is described in detail in DOE/RL-2011-87, *Response Action Report for 200-MG-1 Operable Unit Waste Site 600-49*, U.S. Department of Energy, Richland Operation Office, Richland, Washington.

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.

<u>O.A. Farabee</u> DOE Federal Project Director (printed)	<u>[Signature]</u> Signature	<u>8/10/11</u> Date
<u>Larry Gadbois For Dennis Faulk</u> EPA Project Manager (printed)	<u>[Signature]</u> Signature	<u>Aug 11, 2011</u> Date



Attached to: 0099086