

WASTE SITE RECLASSIFICATION FORM

Date Submitted:	October 8, 2012	Operable Unit(s): 100-KR-2	Control Number: 2012-093
Originator:	A. R. Sherwood	Waste Site Code: 100-K-71	
Phone:	(509) 376-6391	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:** Waste Site 100-K-71, 105-KE Collection Box, was an approximately 4.6 m (15 ft) long by 2.4 m (8 ft) wide by 4 m (13 ft) deep concrete box that collected effluent from underground process sewer lines which originated in the 105-KE Reactor building. The collected effluent was discharged into the Waste Site 100-K-47 process sewer pipelines. The collection box was located underground approximately 11.9 m (39 ft) north of the northwest corner of the 105-KE Reactor Building.

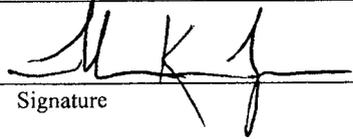
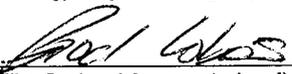
The remediation of the 100-K-71 waste site was begun in March 2010 and completed in May 2012. The remediation of this waste site excavated the collection box and associated contaminated soil. Verification sampling was begun June 2012 and completed by July 2012. Verification sampling was conducted in accordance with the *100 Area Remedial Action Sampling and Analysis Plan*, DOE/RL-96-22, Rev. 5 and the *Verification Sampling Instruction for Area AG Zone 1 Waste Sites within the 100-K Area: 100-K-3 (Partial), 100-K-47 (Partial), 100-K-56 Subsite 2 (Partial), 100-K-69, 100-K-70, 100-K-71 and Stockpile #3*, RA-00408, Rev. 0.

**Basis for reclassification:** The current site conditions achieve the remedial action objectives and corresponding remedial action goals established in 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*, EPA/ROD/R10-99/039 (100 Area Remaining Sites ROD) following the requirements of the *Remedial Design Report/Remedial Action Work Plan for the 100 Area*, DOE/RL-96-17, Rev. 6 (RDR/RAWP).

Therefore, the current status of the waste site supports reclassification of this site to Interim Closed Out. In accordance with the RDR/RAWP (DOE/RL-96-17), the remediation of the 100-K-71 waste site supports future land use that can be represented (or bounded) by a rural-residential exposure scenario. The basis for reclassification is described in detail in the *Remaining Sites Verification Package for the 100-KR-2 Operable Unit Waste Sites: 100-K-3 (Partial), 100-K-47 (Partial), 100-K-56 Subsite 2 (Partial), 100-K-68, 100-K-69, 100-K-70, 100-K-71, and Stockpile #3*, DOE/RL-2012-46, Rev. 0 (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.

Tam Teyner		10/23/2012
DOE Federal Project Director (printed)	Signature	Date
N/A		
Ecology Project Manager (printed)	Signature	Date
		10/22/2012
EPA Project Manager (printed)	Signature	Date

