

WASTE SITE RECLASSIFICATION FORM

Date Submitted: <u>October 19, 2012</u>	Operable Unit(s): <u>100-KR-2</u>	Control Number: <u>2012-083</u>
Originator: <u>Laura J. Cusack</u>	Waste Site Code: <u>100-K-36</u>	
Phone: <u>(509) 376-1595</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 100-K-36 waste site was a dry well located at grade level at the southeast corner of the 1706-KE Building. The dry well was part of the Chemical Storage Facility that received overflow and rinsate from the 1706-KE Caustic Tank (100-K-38) and the 1706-KE Sulfuric Acid Tank (100-K-37). The dry well was constructed from a 0.46 m (18 in) diameter vitrified clay pipe that was 1.2 meters (4 feet) long and extended 7.6 cm (3 in) above grade. The pipe was filled to grade with crushed limestone. Overflow and drain pipes [two 5.1 cm (2 in) from each chemical storage tank] discharged just above the surface of the limestone fill.

Remediation of the 100-K-36 Waste Site began in December 2010 and was completed by September 2011. The dry well structure and the underlying soil was removed and disposed to ERDF. In-process sampling demonstrated contaminated material had been removed and remediation was complete. Field verification sampling was completed in June 2011 following the *100 Area Remedial Action Sampling and Analysis Plan, DOE/RL-96-22, Rev. 5, (SAP)* and RA-00407, *Verification Sampling Instruction for Area AG Zone 2 Waste Sites and Building Footprints in the 100-K Area; 100-K-3 (Partial), 100-K-36, 100-K-79 Subsite 7 (Partial), 1706-KE, 1706-KEL, and 1706-KER, Rev. 0.*

Basis for reclassification:

The current site conditions achieve the remedial action objectives and the 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) U.S. Environmental Protection Agency, Region 10, Seattle, Washington following the requirements of the Remedial Design Report/Remedial Action Work Plan for the 100 Area, DOE/RL-96-17, Rev. 6, U.S. Department of Energy, Richland, Washington, the SAP (DOE/RL-96-22) and the sample instruction (RA-00407). Therefore, the current status of the waste site meets the remediation requirements of the 100 Area Remaining Sites ROD (EPA/ROD/R10-99/039) and supports reclassification of this site to Interim Closed Out. In accordance with DOE/RL-96-17, the removal and disposal of waste site 100-K-36 supports future land uses 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-36, and 100-K-79 Subsite 7(partial) and 1706-KE, 1706-KEL and 1706-KER Facilities, DOE/RL-2012-40* (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.

<u>THOMAS K. TEYNOX</u> DOE Federal Project Director (printed)	<u>[Signature]</u> Signature	<u>October 19, 2012</u> Date
Ecology Project Manager (printed)	Signature	Date
<u>Rod Cobos</u> Project Manager (printed)	<u>[Signature]</u> Signature	<u>10/19/2012</u> Date

