

WASTE SITE RECLASSIFICATION FORM

Operable Unit: 100-KR-2

Control Number: 2018-004

Waste Site Code(s)/Subsite Code(s):

100-K-50:2, 1725-K Sanitary Sewer System South Section of Piping

Reclassification Category: Interim Final

Reclassification Status: Closed Out No Action Rejected
 RCRA Postclosure Consolidated None

Approvals Needed: DOE Ecology EPA

Description of Current Site Waste Condition:

(what is the current physical state of the site? what activities have been performed?)

Remedial action at the 100-K-50:2, 1725-K Sanitary Sewer System South Section of Piping, has been performed in accordance with remedial action objectives and corresponding remedial action goals established by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy, Richland Operations Office (DOE-RL). The 100-K-50:2 Waste Site, part of the 100-KR-2 Operable Unit, is located in the 100-K Area of the Hanford Site, inside the 100-K Area fence line approximately 70 meters (225 feet) south southeast of the southeast corner of the 183-KE Settling Basins. The pipeline carried sewage from the former MO442 mobile office to a holding tank that was previously remediated (100-K-50:1). The selected remedy, remove/treat/dispose implementation included (1) excavating the site to remove the pipeline and surrounding contaminated soil, and (2) disposing of contaminated excavation materials at the Environmental Restoration Disposal Facility (ERDF) in the 200 Area of the Hanford Site. Backfilling of the 100-K-50:2 Waste Site with clean soil will begin upon signature of this form. Remediation of the 100-K-50:2 Waste Site began in May 2018.

Basis for Reclassification:

(how does the site meet the reclassification status?)

The basis for reclassification is described in the attached "Remaining Sites Verification Package for the 100-K-50:2 Waste Site" DOE/RL-2018-55, 2018, DOE-RL, Richland, Washington. Remediation was performed in accordance with the "Remedial Design Report/ Remedial Action Work Plan for the 100 Area" DOE/RL-96-17, 2009, DOE/RL, Richland, Washington, to meet the cleanup levels specified in the "Interim Remedial 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 (100 Area Remaining Sites)" EPA/ROD/R10-99/039, 1999, EPA, Region 10, Washington State Department of Ecology, and U.S. Department of Energy, Olympia, Washington (100 Area Remaining Sites Interim ROD). Verification sampling conducted on June 13, 2018, determined that the 100-K-50:2 Waste Site has been remediated to meet the cleanup levels specified in the 100 Area Remaining Sites Interim ROD (EPA/ROD/R10-99/039). The results of verification sampling data evaluation and fate and transport modeling indicate that residual soil concentrations do not preclude any future uses (as bounded by the rural residential land-use scenario) and allow for unrestricted use of shallow zone soils (i.e., surface to 4.6 m [15 ft] deep). Contamination above direct exposure levels was not observed in shallow zone soils and is concluded to not exist in deep zone soils. Institutional controls to prevent uncontrolled drilling or excavation into the deep zone are not required.

Project Manager Comments:

Waste Site Controls:

WASTE SITE RECLASSIFICATION FORM (Continued)

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100-K-50:2, 1725-K Sanitary Sewer System South Section of Piping

Waste Site Controls:

	Yes	No		Yes	No		Yes	No
Engineered Controls	<input type="radio"/>	<input checked="" type="radio"/>	Institutional Controls	<input type="radio"/>	<input checked="" type="radio"/>	O&M Requirements	<input type="radio"/>	<input checked="" type="radio"/>

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:

DOE Federal Project Director:

Mark French Mark French 10/12/18
Print First and Last Name Signature Date

Ecology Project Manager:

N/A _____ _____
Print First and Last Name Signature Date

EPA Project Manager:

ROD LOBBS [Signature] 10/17/18
Print First and Last Name Signature Date