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[0071854H]

WASTE SITE RECLASSIFICATION FORM

Operable Unit: 100-KR-2 Control No.: 2017-003

Waste Site Code(s)/Subsite Code(s):
100-K-50:1

Reclassification Category: Interim Final

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

Approvals Needed: DOE Ecology EPA

Description of current waste site condition:

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

The 100-K-50:1, 1725-K and 1726-K Sanitary Sewer System Holding Tank waste site was an underground, sanitary sewage holding tank that collected sewage from the 1725-K and 1726-K Buildings. The waste site was located southeast of the 183-KE Settling Basins.

Remediation of the 100-K-50:1 waste site began on October 19, 2015 and was completed on October 22, 2015. An estimated 925 bank cubic meters (1,210 bank cubic yards) of material was removed and disposed at the Environmental Restoration Disposal Facility. The excavation extended to an approximate maximum depth of 4.6 m (15 ft) below surface grade. Verification soil samples were collected on October 19, 2016.

Remediation, verification sampling, and comparison of verification sample results against cleanup levels have been performed in accordance with the remedial action objectives (RAOs) and remedial action goals (RAGs) established by the 100 Area Remaining Sites ROD (EPA/ROD/R10 99/039) and the Remedial Design Report/Remedial Action Work Plan for the 100 Areas (100 Area RDR/RAWP), Rev. 6, U.S. Department of Energy, Richland Operations Office, Richland, Washington (DOE/RL-96-17). The selected remedy involved (1) excavating the site to the extent required to meet specified soil cleanup levels, (2) disposing of contaminated excavation materials at the ERDF, (3) demonstrating through verification sampling that cleanup goals have been achieved, and (4) proposing the site for reclassification as Interim Closed Out.

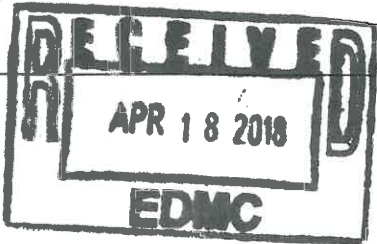
Basis for reclassification:

(How does the site meet the reclassification status?)

The cleanup verification sampling results were evaluated in comparison to the RAGs. In accordance with this evaluation, the verification sampling results support a reclassification of the 100-K-50:1 waste site to Interim Closed Out. The current site conditions achieve the RAOs and the corresponding RAGs established in the 100 Area Remaining Sites ROD (EPA/ROD/R10 99/039) and the 100 Area RDR/RAWP (DOE/RL-96-17).

The results of verification sampling show 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 demonstrate that residual contaminant concentrations are protective of groundwater and the Columbia River. The site does not have residual contamination concentrations in the vadose zone that would require any institutional controls.

The basis for reclassification is described in detail in the "Remaining Sites Verification Package for the 100-K-14, 100-K-50, 126-KE-2, and 1607-K2 Waste Sites" (DOE/RL-2017-20).



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Project Manager comments:

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:

N/A

Mark French

DOE Federal Project Director (printed)

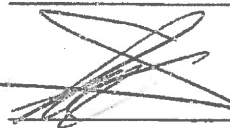


Signature

3/8/16
Date

N/A

Ecology Project Manager (printed)



Signature

Date

Rod Lobos

EPA Project Manager (printed)



Signature

4/2/18
Date