

WASTE SITE RECLASSIFICATION FORM

Operable Unit: 100-IU-2

Control No.: 2012-043

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

600-312, Burn Site #6

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:

The 600-312, Burn Site #6 waste site is located in the 100-IU-2 Operable Unit of the Hanford Site and consisted of an area of concentrated burned debris and the underlying soil. Remnants of the burned debris include nails and tar-like roofing material. The 600-312 waste site is located approximately 138 m (452 ft) southeast of site 600-200, Priest Rapids Ice House Septic Tank, on the north side of a former White Bluffs Office, and was identified as a remaining site for remediation in the *Explanation of Significant Differences for the 100 Area Remaining Sites Interim Remedial Action Record of Decision, Hanford Site, Benton County, Washington*, U.S. Environmental Protection Agency, Region 10, Seattle, Washington (EPA 2009). Remediation of the 600-312 waste site occurred on May 14, 2012. The remediation resulted in approximately 13.4 bank cubic meters (18 bank cubic yards) of material being removed and disposed at the Environmental Restoration Disposal Facility (ERDF).

Cleanup verification sampling was performed on May 17, 2012, to determine if the waste site meets remedial action objectives (RAOs) and remedial action goals (RAGs) established by 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* (Remaining Sites ROD), U.S. Environmental Protection Agency, Region 10, Seattle, Washington (EPA 1999). 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 ERDF at the 200 Area of the Hanford Site, (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:

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 600-312 waste site to Interim Closed Out. The current site conditions achieve the RAOs and RAGs established by the Remaining Sites ROD (EPA 1999). The results of verification sampling 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 analytical results and rationale presented in the attached remaining sites verification package also demonstrate that residual contaminant concentrations meet direct exposure cleanup criteria and are protective of groundwater and the Columbia River. The waste site contamination does not extend into the deep zone soils. Institutional controls to prevent uncontrolled drilling or excavation into the deep zone soil are not required. The basis for reclassification is described in detail in the *Remaining Sites Verification Package for the 600-305, Suspect Asbestos Containing Material Sites; 600-308, Garnet Sand; 600-309, Burn Site #3; 600-310, Burn Site #4; 600-311, Burn Site #5; 600-312, Burn Site #6; 600-313, Burned Area and Oil Stained Soil; 600-314, Telecommunications Components; 600-317, Battery and Burn Area; 600-319, Miscellaneous Debris; and 600-324, Burnt Debris Area* (attached).

Attached to: 1217770, 1217850

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Regulator 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:

J. P. Neath

DOE Federal Project Director (printed)

Signature

Date

N/A

Ecology Project Manager (printed)

Signature

Date

C. Guzzetti

EPA Project Manager (printed)

Signature

Date