Date Submitted: 4/23/07 Originator: L. M. Dittmer Phone: 372-9664	**WASTE SITE RECLASSIFICATION FORM** Operable Unit(s): 100-FR-1 Waste Site Code: 126-F-1 Type of Reclassification Action: Closed Out ☐ Interim Closed Out ☒ No Action ☐ RCRA Postclosure ☐ Rejected ☐ Consolidated ☐	Control Number: 2002-058

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:
The 126-F-1 waste site is the former 184-F Powerhouse Ash Pit. The site received coal ash from the 100-F Area coal-fired steam plant that operated from 1944 to 1965. Leakage of process effluent (reactor cooling water) from the 116-F-14, 107-F Retention Basins flowed south into the ash pit, contaminating the northern portion of the ash pit. Thus, the northern and southern portions of the ash pit were addressed separately. The northern portion of the site has been remediated and backfilled with clean soil to adjacent grade elevations. No remedial action was necessary in the southern portion of the 126-F-1 site, but this portion of the site could not be closed out until radioactive decay occurred from the original sampling date in 2001 to 2007 to meet the radiological dose limit of 15 mrem/yr above natural background. Remediation and verification sampling of this site have been performed in accordance with remedial action objectives and goals established by the *Amendment to the Interim Action Record of Decision for the 100-BC-1, 100-DR-1, and 100-HR-1 Operable Units, Hanford Site, Benton County, Washington* (ROD Amendment), U.S. Environmental Protection Agency, Region 10, Seattle, Washington. The selected action involved: (1) remediating the site, (2) demonstrating through verification sampling that cleanup goals have been achieved, and (3) proposing the site for reclassification as Interim Closed Out.

Basis for reclassification:
In accordance with this evaluation, the verification sampling results support a reclassification of this site to Interim Closed Out. The current site conditions achieve the remedial action objectives and the corresponding remedial action goals established in the ROD Amendment. 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. Remedial actions were not required for the northern and southern portion 126-F-1 deep zone soils; therefore, institutional controls to prevent uncontrolled drilling or excavation into the deep zone are not required. The basis for reclassification is described in detail in the *Cleanup Verification Package for the 126-F-1, 184-F Powerhouse Ash Pit* (CVP-2002-00004), Washington Closure Hanford, Richland, Washington.

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.

K. D. Bazzell DOE Federal Project Director (printed)	Signature	5/10/2007 Date
N/A Ecology Project Manager (printed)	Signature	Date
R. A. Lobos EPA Project Manager (printed)	Signature	9-20-07 Date

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