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Date Submitted: April 2, 2007 Originator: L. M. Dittmer Phone: 372-9664	**WASTE SITE RECLASSIFICATION FORM** Operable Unit(s): 100-FR-1 Waste Site Code: 100-F-44:1 Type of Reclassification Action: Closed Out ☐ Interim Closed Out ☐ No Action ☒ RCRA Postclosure ☐ Rejected ☐ Consolidated ☐	Control Number: 2007-005

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 100-F-44:1, Discovery Pipeline Near 182-F Reservoir subsite is located within the 100-FR-1 Operable Unit of the Hanford Site and is one of the subsites associated with the 100-F Miscellaneous Pipeline site. The subsite is a 20-cm (8-in) carbon steel pipe that carried reservoir water from the 182-FA Pump Test Stand to the process sewer (100-F-26:1) via a junction box. Soil below the junction box and sediment/scale within the 100-F-26:1 pipeline were sampled and the process sewer (100-F-26:1) was interim closed with no action as documented in Waste Site Reclassification Form 2005-008.

The 100-F-44:1, Discovery Pipeline Near 182-F Reservoir subsite carried reservoir water from the Pump Test Stand (Building 182-FA) to the 100-F-26:1 process sewer a distance of approximately 34 m (110 ft). The Pump Test Stand received reservoir water from the emergency raw water header in 182-F. The facility was constructed to test new designs for impellers and prototype pumps for future use at the 190 Building. The test stand held the pump in place while the operating parameters were varied under controlled conditions. The pump generated heat which raised the temperature of the re-circulating water. To control the temperature of the water, cooler water from the reservoir was added while warmer water was discharged through the 8-inch line. There were no chemicals added within the test building. The water was used simply to operate the pump.

Basis for reclassification:

The 100-F-44:1 pipeline carried only recirculated raw river water. Furthermore the soil below the outlet (junction box) for the 100-F-44:1 discovery pipeline and sediment/scale within the 100-F-26:1 pipeline exposed in the junction box was sampled and analyzed during the 100-F-26:1 (service area 5) confirmatory sampling activity. The maximum detected results for all COPCs in the 100-F-26:1 pipe sediment/scale and underlying junction box soil samples were less than background or applicable remedial action goals and therefore the site met the remedial action objectives. Based on these results, no remedial action was required for service area 5 of the 100-F-26:1 subsite as documented in Waste Site Reclassification Form 2005-008. Therefore no action is required at 100-F-44:1. The basis for reclassification is described in detail in the Attachment to Waste Site Reclassification Form 2007-005 (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.

K. D. Bazzell DOE Federal Project Director (printed)	Signature	4/26/2007 Date
N/A Ecology Project Manager (printed)	Signature	Date
R. A. Lobos EPA Project Manager (printed)	Signature	4-26-07 Date

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