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CVP-2006-00003
Rev. 0

Attachment ES-10
Waste Site Reclassification Form

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<p>Date Submitted: 4/19/06</p> <p>Originator: L. M. Dittmer</p> <p>Phone: 372-9664</p>	<p>Operable Unit(s): 100-HR-1</p> <p>Waste Site ID: 100-H-31</p> <p>Type of Reclassification Action:</p> <p>Rejected <input type="checkbox"/></p> <p>Closed Out <input type="checkbox"/></p> <p>Interim Closed Out <input checked="" type="checkbox"/></p> <p>No Action <input type="checkbox"/></p>	<p>Control Number: 2006-015</p> <p>Lead Agency: Ecology</p>
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed out, interim closed out, or no action and authorizing backfill of the site, if appropriate. Final removal from the National Priorities List (NPL) of no action, interim closed-out, or closed-out sites will occur at a future date.

Description of current waste site condition:

The 100-H-31 waste site was an unplanned release of polychlorinated biphenyls on the north side of the former 105-H Reactor Building. The soil at 100-H-31 was completely removed to 4.6 m (15 ft) below grade, disposed at the Environmental Restoration Disposal Facility (ERDF), and the site was backfilled to grade with clean soil. The RESidual RADioactivity modeling evaluation in the 100 Area Analogous Sites RESRAD Calculations, using distribution coefficient values and vertical distance to groundwater, predicts that the residual contaminant levels of polychlorinated biphenyls at the site are protective of groundwater and the Columbia River. Therefore, the 100-H-31 waste site remedial action objectives and remedial action goals have been met in accordance with 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.

Basis for reclassification:

The 100-H-31 waste site meets the remedial action objectives specified in the Remaining Sites ROD. Evaluation of the waste site using RESidual RADioactivity modeling indicates that residual contaminant concentrations do not preclude any future land uses (as bounded by a rural-residential scenario) and allows for unrestricted future use of shallow zone soils (i.e., surface to 4.6 m [15 ft]). The evaluation also shows that contaminant levels remaining in the soil are protective of groundwater and the Columbia River. This site does not have a deep zone; therefore, no deep zone institutional controls are required. The basis for reclassification is described in detail in the Cleanup Verification Package for the 118-H-6:2, 105-H Reactor Ancillary Support Areas, Below-Grade Structures, and Underlying Soils; the 118-H-6:3, 105-H Reactor Fuel Storage Basin and Underlying Soils; the 118-H-6:6 Fuel Storage Basin Deep Zone Side-Slope Soils; the 100-H-9, 100-H-10, and 100-H-13 French Drains; the 100-H-11 and 100-H-12 Expansion Box French Drains; and the 100-H-14 and 100-H-31 Surface Contamination Zones (CVP-2006-00003), Washington Closure Hanford, Richland, Washington.

<p>K. R. Westover DOE-RL Project Manager</p>	<p> Signature</p>	<p>6/21/06 Date</p>
<p>R. Bond Ecology Project Manager</p>	<p> Signature</p>	<p>6/22/06 Date</p>
<p>NA EPA Project Manager</p>	<p>_____ Signature</p>	<p>_____ Date</p>