

Waste Site Reclassification Form

Date Submitted: 8/2/2004	Operable Unit(s): 100-BC-1	Control Number: 2004-132
Originator: DN Strom	Waste Site ID: 600-33	Lead Agency: EPA
Phone:	Type of Reclassification Action:	
	Rejected <input checked="" type="checkbox"/>	
	Closed Out <input type="checkbox"/>	
	Interim Closed Out <input type="checkbox"/>	
	No Action <input type="checkbox"/>	

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 of no action, interim closed-out, or closed-out sites will occur at a future date.

Description of current waste site condition:

On September 29, 2004, five soil locations were trenched and inspected for evidence of WIDS site 600-33, the 105-C Reactor Test Loop Burial Site. The first test location was at the coordinates reported in the WIDS which are approximately 100 meters south of the 105-C reactor. No radioactivity was detected in the test trench that was dug down to native soil. No evidence of a test loop was found. Three additional test trenches were dug along a north-south line between the first site and the 105-C reactor. The second site was about mid-way between the first site and the 105-C reactor near an "Underground Radioactivity" sign. The third and fourth sites were within 20 meters of the reactor. No evidence of the Test Loop was found. The fifth test trench was dug at a cobble-filled trench about 520 meters west-southwest of the WIDS coordinates i.e. the first test site. The fifth test site was identified as a potential burial site during the 100-B/C Orphan Sites Evaluation field walk-down completed in August 2004. Ground-Penetrating Radar (GPR) measurement data indicated an underground linear anomaly at this location. During the test trenching, an empty 6-inch steel pipeline was found. The pipeline is believed to have been a water line associated with temporary construction activities for the 105-C Reactor in 1951-1953. No radioactivity was detected; no other buried material was found at this location. The field investigation information is documented in the field logbook EFL-1173-4 including the coordinates for each test site location.

During October 2004, additional historical research found a record for the disposal of the "C-1 Loop Assembly" in the 118-C-1 Burial Ground on 10/31/1962. ["100-C Land Burial Log for 4/4/1962 to 10/31/1965," (FRC Box 56556)].

Basis for reclassification:

Based on the best available information, the 600-33 Burial Site for the 105-C Reactor Test Loop was not found. Historical records indicate that the 105-C Test Loop was disposed to the 118-C-1 Burial Ground; it was not permanently buried at the suspect waste site reported to the WIDS (WIDS, 600-33, Reference 3, 4/16/92). Based on the evidence, it is recommended that the 600-33 waste site be rejected.

<i>R. Chris Smith</i> DOE-RL Assistant Manager <i>Project Manager</i>	<i>[Signature]</i> Signature	<i>12/1/04</i> Date
Ecology Project Manager <i>Dennis Faulk</i> EPA Project Manager	<i>[Signature]</i> Signature	<i>12/9/04</i> Date

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JAN 13 2005

EDMC

Mr. L. E. Gadbois, Project Manager
U.S. Environmental Protection Agency
712 Swift Blvd., Suite 5
Richland, Washington 99352

Dear Mr. Gadbois:

**TRANSMITTAL OF APPROVED WASTE SITE RECLASSIFICATION FORMS FOR THE
118-B-7 AND 600-33 WASTE SITES**

Enclosed for your use is the approved Waste Site Reclassification Form, No. 2004-099, for the 118-B-7 waste site and the approved Waste Site Reclassification Form, No. 2004-132, for the 600-33 waste site. If you have any questions, please contact D. C. Smith of my staff on 372-1544.

Sincerely,

L. Erickson
Assistant Manager and Federal Project Manager
for the River Corridor Closure Project

Enclosure

cc with encl:
Administrative Record, LMSI

cc w/o encl:
R. A. Carlson, BHI
K. D. Bazzell, RL
L. M. Dittmer, BHI
E. T. Feist, CHI
D. C. Smith, RL