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ADDENDUM I
INSPECTION REQUIREMENTS

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ADDENDUM I
INSPECTION REQUIREMENTS

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2 **I INSPECTION REQUIREMENTS**

3 **I.1 Inspection Plan**

4 This section describes the method and schedule for inspection of the Low-Level Burial Grounds (LLBG)
5 Trench 94. The purpose of inspections is to meet the requirements for landfill operations in [WAC 173-](#)
6 [303-665](#)(4) and the general inspection requirements of Permit Condition II.X [[WAC 173-303-320](#)].
7 These inspections help to ensure that situations do not exist that might cause or lead to the release of
8 waste to the environment or that might pose a threat to human health. Abnormal conditions identified by
9 inspections must be corrected on a schedule that prevents hazards to personnel, the public, and the
10 environment as determined by a solid waste operations supervisor. In addition to the requirements in
11 Permit Condition II.X, the Permittees shall ensure the disposal area meet the requirements specified in
12 [WAC 173-303-665](#)(4) described in this addendum.

13 **I.1.1 General Inspection Requirements**

14 The content for types of problems and frequency of inspections are described in this section and Table I.1
15 and Table I.2. Inspections, implemented through operating requirements, are documented on inspection
16 checklists and log sheets.

17 The inspections are performed by personnel qualified to inspect LLBG Trench 94 landfill. The inspection
18 checklists consist of a listing of items that are to be assessed during each inspection when mixed waste is
19 being managed and after storms.

20 The schedule and inspection records are maintained, retained, and stored in accordance with Permit
21 Conditions II.X.1 and II.X.3.

22 The inspection checklists contain the items described in Permit Condition II.X.2.

23 On a checklist, a yes/no/N/A response are made for each listed item. A 'yes' response means that the item
24 is in compliance with the conditions stated on the checklist. Any problems identified during the
25 inspection, as indicated by a 'no' response on the checklist, discrepancies are noted and are reported to the
26 LLBG operating organization. An 'N/A' response means the criteria is not applicable. When the
27 inspection is completed, the inspector prints their name, signs, and dates the inspection checklist, and
28 sends a copy to the LLBG operating organization and files the inspection to the Hanford Facility
29 Operating Record, LLBG Trench 94 File.

30 **I.1.1.1 Types of Problems**

31 LLBG Trench 94 inspections include, but are not limited to, the following:

- 32 • Condition of safety and emergency equipment
- 33 • Condition of security equipment

34 **I.1.1.2 Frequency of Inspections**

35 The LLBG operations organization performs an inspection of LLBG Trench 94 to ensure compliance with
36 Permit Condition II.X [[WAC 173-303-320](#)(2)] and [WAC 173-303-665](#)(4) requirements in accordance to
37 Table I.1. Inspection frequencies are indicated on the respective inspection checklist.

38 **I.1.2 Schedule for Remedial Action for Problems Revealed**

39 In accordance with Permit Condition II.X.4 [[WAC 173-303-320](#)(3)] the LLBG operating organization
40 will remedy any problems revealed by the inspection on a schedule that prevents hazards to human health
41 and the environment. Where a hazard is imminent or already has occurred, immediate action will be
42 taken. Immediate actions will be implemented in accordance with the Contingency Plan as defined in
43 Permit Conditions II.A and III.18.G.

44 **I.1.3 Specific Process Inspection Requirements**

45 The following sections detail the inspections to be performed at LLBG Trench 94.

1 **I.1.3.1 Defueled Reactor Compartment Receipt Inspection**

2 On receipt of the defueled reactor compartment in accordance with Addendum B (Waste Analysis Plan)
3 each defueled reactor compartment for disposal is inspected by LLBG operations personnel.

4 Refer to Section I.1.2 on remedial actions for problems revealed. Records of inspection are maintained as
5 described in Section I.1.1.

6 **I.1.3.2 LLBG Trench 94 (Landfill) Inspections**

7 LLBG Trench 94 are inspected in accordance with [WAC 173-303-665](#)(4) requirements as listed in
8 Table I.2.

9 Specific items and/or problems to be noted during inspections identified in Table I-1 include the
10 following:

- 11 • Posted warning signs.
- 12 • Portable Emergency Equipment (i.e., fire extinguishers).
- 13 • Run-on and run-off control.
- 14 • Wind dispersal control systems.

15 Refer to Section I.1.2 on remedial actions for problems revealed. Records of inspection are maintained as
16 described in Section I.1.1.

17 **Table I.1 Landfill Inspection Schedule of LLBG Trench 94**

Requirement Description	Frequency	Inspection
Posted warning signs	Weekly	Verify signs are present, legible, and visible at 25 feet
Fire extinguishers	Monthly	Equipment present and functional
Run-on and run-off control	Weekly and after storms ¹	Deterioration, malfunction, or improper operation.
Wind dispersal control systems	Weekly and after storms ¹	Proper functioning ² .

¹A storm is any atmospheric disturbance with either wind gusts of 56 kilometers (35 miles) per hour or greater or precipitation of 12.7 millimeters (0.5 inches) or greater within a 24-hour period.

²Wind dispersal control systems inspections for Trench 94 include inspection of the reactor compartments to ensure the mixed waste is contained.

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