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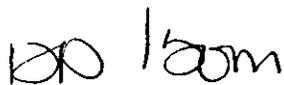
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APPROVAL PAGE

Title of Document: SURVEILLANCE OF 100/200/600 AREA INACTIVE
OUTDOOR WASTE SITES

Approval: R. G. Egge, Task Lead, RARA Project


Signature

3/13/96
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BHI-OP-00084
Rev. 0

Surveillance of 100/200/600 Area Inactive Outdoor Waste Sites

Author
W. M. Hayward

Date Published
March 1996



Prepared for the U.S. Department of Energy
Office of Environmental Restoration and
Waste Management

Bechtel Hanford, Inc.
Richland, Washington

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Surveillance of 100/200/600 Area Inactive Outdoor Waste Sites

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1.0 PURPOSE AND SCOPE

This procedure provides instructions for routine surveillance for maintenance of inactive 100/200/600 Area outdoor radioactive waste sites which are the responsibility of Radiation Area Remedial Action (RARA) Project. Surveillance is required to assure that any unfavorable conditions or trends are promptly recognized and corrective actions immediately taken or that appropriate planning initiated. This procedure also establishes the frequency for the maintenance surveillance, and routine radiological surveys of the RARA sites. Radiological survey procedures are included by reference under Radiological Controls of section 3.0 - Safety. This procedure also includes instructions for performing RCRA inspections on applicable interim status Treatment, Storage, and/or Disposal (TSD) units. Because these TSD units are inactive and isolated, the RCRA inspection frequency is only slightly more frequent than the maintenance surveillance. This frequency has been determined from experience to be adequate to identify potential problems and correct them before they become a threat to human health and the environment. The RCRA inspections check for facility conditions which might indicate a deterioration and a potential for release to the environment.

Facilities covered by this procedure and the frequency of their surveillance are listed in TABLES 1, 2, and 3. This procedure is also applicable to surveillance performed at management direction, and for facilities not listed in TABLES 1, 2, and 3; provided other requirements of this procedure are met. This procedure supersedes BHI-FS-02, Procedure No. D-03-009. Revision bars in the margin are shown in this document to indicate where changes have been made.

NOTE: This plan is not intended to give a step-by-step detailed description of all operations involved, but is meant to outline necessary work steps to accomplish the described task.

2.0 PREREQUISITE

A Radiation Work Permit (RWP) has been prepared and reviewed.

All personnel involved in the performance of this procedure have completed the appropriate required access, technical, and safety training courses.

3.0 SAFETY

All work shall be performed safely and in compliance with the most current revision of the following documents: (Referenced manuals and procedures are available in the 271-U Library or the supervisor's office.)

3.1 Radiological Controls

These documents apply to surveillance, maintenance, and the radiological surveys associated with this procedure.

- HSRCM-1, *Hanford Site Radiological Control Manual*
- BHI-SH-02, Volume 2, *Safety and Health Procedures*
- BHI-SH-04, *Radiological Control Work Instructions*
 - Procedure No. 3.5; "Routine Radiological Surveys of Outdoor Soil Contamination Areas"
 - Procedure No. 3.6; "Routine Radiological Surveys of Underground Radioactive Material Areas"
- All work designated in this procedure is to be accomplished in accordance with RWPs which are applicable to the specific site(s).

3.2 Industrial Safety

- BHI-SH-02, Volumes 1-3, *Safety and Health Procedures*, including but not limited to:
 - Procedure No. 1.10. "Accident/Incident Investigation and Reporting Requirements"
 - Procedure No. 1.5 "Personnel Protective Equipment"

3.3 Environmental Controls

- BHI-EE-02, *Environmental Requirements*

3.4 Training

- HGET

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- All personnel performing work in accordance with this procedure shall have completed the Radiation Worker II training program and, at a minimum, the 24 hour hazardous waste site worker training program.
- Facility Orientation
 - Personnel performing the RCRA inspection must be trained as specified in the IFS&M RCRA TSD Training Plan; located in the Field Superintendents Office.

3.5 Other Requirements

- The log book of RCRA Inspections must be retained for at least 3 years.
- BHI-FS-01, *Field Support Administration*
 - Section 3.1; "Surveillance and Maintenance" .
 - Section 4.0; "Waste Management" (Waste Disposal Requirements)
- *Decontamination and Decommissioning Records Control Procedure.*
- Two way radios (mobile or hand held) or cellular phone shall be available when working in remote locations to notify management in case of fire, accident, or other emergency situations.

CAUTION: The potential for subsidence exists at all burial grounds. Be alert for indications of any change in surface conditions. Report any suspicious conditions to your immediate supervisor.

DANGER: Access to any areas with posted cave-in potential requires the express written approval of Project Industrial Safety.

3.6 Independent Assessments

A process of planned and periodic safety and operational assessments focusing on improving methods and processes by identifying areas of potential improvement to the existing program will be implemented on a scheduled basis.

4.0 EQUIPMENT AND SUPPLIES

- Personnel Protective Clothing, Dosimetry, and Respiratory Protection as Required by the RWP

- Assorted Signs for Radiological Posting
- Appropriate Hand Tools
- Wire or Hog Rings for Sign Hanging
- Chain
- Posts
- Portable Fire Extinguisher
- 5 Gallon Containers
- Plastic Bags for Trash
- Two Way Radio or Cellular Phone
- Inactive Waste Site Surveillance Data Sheets for Recording Information

5.0 PROCEDURE - PERFORM SITE SURVEILLANCE

NOTE: In the event that a surveillance cannot be performed within the specified period, the responsible Project Manager, or designee, may waive that surveillance providing appropriate justifications are documented.

Documentation for a deleted surveillance may consist of a memo listing all waived surveillances and the reasons or individual Inactive Waste Site Surveillance Data Sheets with the reason in the "Comments" section. In either case, distribution shall be the same as for completed surveillances. RCRA Inspections may not be waived.

1. Walk or drive slowly around the perimeter of the site. Due to the large area of some sites, entry may be necessary to perform proper surveillance.
2. Check for the items listed below which appear on the Inactive Waste Site Surveillance Data Sheet. If the table indicates a RCRA Inspection is required for the site, perform it at this time. Items to check are on the RCRA Inspection Checklist.

CAVE-IN or DEPRESSIONS? - Is there any visible sign of soil subsidence or cave-ins?

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ANIMAL OR INSECT INTRUSION? - Have animals dug holes or burrows into the waste site? Are there any signs of ant hills or termite nests?

TUMBLEWEEDS/SAGEBRUSH? - Are there tumbleweeds or sagebrush present? Are they alive and growing on the site? Are they dead but did grow on the site? Did they blow-in to the site?

CURRENT RADIOLOGICAL POSTING - What signs are currently in place for radiological control?

STEEL POSTS? - If steel posts are part of the access control, are they present, upright, and functional?

CHAIN? - If chain is part of the access control, is it in place, properly supported and functional?

CONCRETE MARKER POSTS? - Are there concrete marker posts at the site? If so, do they surround the site (corners and perimeters) or is only a single post present? For the posts that are installed, are they upright?

SIGNS? - Are the signs used for posting the site in place, legible, missing, or fallen down?

UNIDENTIFIED CONTAINERS? - Are there unidentified or unmarked containers at the site? If so, note number and description in "Comments" section.

3. If needed and where possible, perform housekeeping, install or replace signs - posts - chain, perform minor corrective actions.

NOTE: For RCRA inspections only. If any problems are noted on the RCRA inspection checklist (i.e., inadequate posting of signs, barrier failure, evidence of water/wind erosion) then corrective actions to resolve such deficiency shall be performed as soon as possible.

NOTE: Unless you are accompanied by a Radiological Control Technician (RCT), items taken into or collected inside surface contamination areas must remain there until properly surveyed out.

4. Complete and sign the Inactive Waste Site Surveillance Data Sheet. Items requiring further corrective action and other significant information should be noted in the "Comments" section. Turn the Data Sheet in to your

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supervisor upon return to base. If a RCRA inspection was performed, sign the checklist and turn in with the Data Sheet.

5. Field Superintendent will review completed Data Sheet for trends, initiate any required further action, sign the form, and keep a copy of the most recent Data Sheet. The original shall remain in the work package which will become the record copy. If a RCRA inspection was performed, a copy shall be placed in the RCRA Inspection Log Book, located in the Field Superintendent's office. The Field Superintendent must indicate on the RCRA Inspection Checklist the corrective action taken and date for any problems noted. The Field Superintendent shall forward a copy of the RCRA inspection checklist to BHI Document Control at H4-79. Before sending each checklist, highlight the TSD number.
6. Project Field Engineer will provide a technical review of the completed Data Sheets.

NOTE: The RCRA TSD sites are inactive, isolated, and no longer receiving waste. As noted in the Contingency Plan for each site, there is no monitoring equipment, safety and emergency equipment, security devices, operating equipment, or areas subject to spills. Therefore, there is no inspection schedule or daily inspections for such items and no daily log book.

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INACTIVE WASTE SITE SURVEILLANCE DATA SHEET
(CIRCLE OR FILL IN DATA AS APPLICABLE)

SITE: _____ SURVEILLANT'S NAME (PRINT): _____

FREQUENCY	Quarterly	Tri-Yearly	Semi-Annual	Annual
CAVE-IN or DEPRESSIONS?		YES	NO	
ANIMAL OR INSECT INTRUSION?		YES	NO	
TUMBLEWEEDS/ SAGEBRUSH?	NONE	LIVE	DEAD	BLOWN-IN
CURRENT POSTING	RADIOLOGICAL	: _____		
STEEL POSTS?		YES	NO	NA
CHAIN?		YES	NO	NA
CONCRETE MARKER POSTS?		SURROUND SITE	SINGLE	NONE
		IN PLACE UPRIGHT	LEANING/DOWN	NA
SIGNS?		IN PLACE	MISSING/DOWN	
UNIDENTIFIED CONTAINERS?		YES	NO	

COMMENTS: _____

(IF MORE SPACE IS NEEDED, MARK BOX AND USE BACK OF DATA SHEET)

SURVEILLANT'S SIGNATURE: _____ DATE: _____

SUPERVISOR SIGNATURE: _____ DATE: _____

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QUARTERLY RCRA INSPECTION CHECKLIST

Instructions: Perform an inspection of the site by observing the items listed below, and recording the conditions or information in the spaces provided. If the "Problem" box is checked, provide a description in the observations section.

Site Name:

Date:

Time:

TSD Number:

Signs: Are the signs "Danger-Unauthorized Personnel Keep Out" posted at each approach and visible from 25 feet away? Is the print legible and unobscured?

Barrier: If the site has steel posts and chain, are they in place and functional?

Intrusion: Are there any signs of unauthorized entry or use of the facility?

Condition: Check the general condition of the sites surface. Are there signs of animal burrows or digging? Is there evidence of excessive wind or water erosion or subsidence?

	CHECK ONE		Corrective Action/Date
	No Problem	Problem	
Signs:			
Barriers:			
Intrusion:			
Condition:			

Observations:

Inspector's Name (printed):

Inspector's Name (signature):

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
216-A-1 Crib, Stabilized	A	TY
216-A-3 Crib	A	TY
216-A-6 Crib, Stabilized	A	TY
216-A-7 Crib, Stabilized	A	TY
216-A-9 Crib	A	TY
216-A-10 Crib (Perform RCRA inspection TSD# D-2-2)	A	Q
216-A-18 Trench	A	TY
216-A-19 Trench	A	TY
216-A-20 Trench	A	TY
216-A-24 Crib, Stabilized	A	TY
216-A-25 Pond, Stabilized	A	TY
216-A-27 Crib	A	TY
216-A-36 B Crib (Perform RCRA inspection TSD# D-2-4)	A	Q
216-A-37-1 Crib (Perform RCRA inspection TSD# D-2-10)	A	Q
216-A-29 Ditch, Stabilized (Perform RCRA inspection TSD# D-2-3)	A	Q
216-A-34 Ditch (Crib)	A	TY
216-B-2-1 Ditch, Stabilized	A	TY
216-B-2-2 Ditch, Stabilized	A	TY
216-B-2-3 Ditch, Stabilized	A	TY
216-B-3 Borrow Pit	N	N
216-B-3 Pond and B-3-3 Ditch (Perform RCRA inspection TSD# D-2-5)	A	Q

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
216-B-3-1 Ditch, Stabilized	A	TY
216-B-3-2 Ditch, Stabilized	A	TY
216-B-5 Reverse Well	A	TY
216-B-6 Reverse Well	A	TY
216-B-7A Crib (cave-in potential), Stabilized	A	TY
216-B-7B Crib (cave-in potential), Stabilized	A	TY
216-B-8 Crib (cave-in potential), Stabilized	A	TY
216-B-9 Crib (cave-in potential), Stabilized	A	TY
216-B-10A Stabilized Crib (cave-in potential)	A	TY
216-B-10B Stabilized Crib (cave-in potential)	A	TY
216-B-11A Reverse Well, Stabilized	A	TY
216-B-11B Reverse Well, Stabilized	A	TY
216-B-12 Crib (cave-in potential)	A	TY
216-B-14 through -19 Stabilized Cribs (BC)	A	TY
216-B-20 through -34 Stabilized Trenches (BC)	A	TY
216-B-35 through -42 Stabilized Trenches	A	TY
216-B-43 through -50 Cribs, Stabilized	A	TY
216-B-51 French Drain	A	TY
216-B-52 Stabilized Trench (BC)	A	TY
216-B-53A Stabilized Trench (BC)	A	TY
216-B-53B Stabilized Trench (BC)	A	TY

Surveillance Frequency Code: A = Annually; SA = Semi-annually; Q = Quarterly; M = Monthly; N = None, TY = Tri-Yearly (three times per year)

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
216-B-54 Stabilized Trench (BC)	A	TY
216-B-56 Crib (Not used)	N	N
216-B-58 Stabilized Trench (BC)	A	TY
216-B-63 Ditch, Stabilized (Perform RCRA Inspection TSD#D-2-6)	A	Q
241-B-361 Settling Tank	A	TY
216-C-1 Crib	A	TY
216-C-3 Crib	A	TY
216-C-5 Crib	A	TY
216-C-6 Crib	A	TY
216-C-8 French Drain	A	TY
216-C-10 Crib	A	TY
218-C-9 Burial Ground, Stabilized	A	TY
218-E-1 Burial Ground Stabilized	A	TY
218-E-2 Burial Ground Stabilized	A	TY
218-E-2A Burial Ground Stabilized	A	TY
218-E-4 Burial Ground Stabilized	A	TY
218-E-5 Burial Ground Stabilized	A	TY
218-E-5A Burial Ground Stabilized	A	TY
218-E-6 Burial Ground Stabilized (Exhumed)	N	N
218-E-7 Burial ground	A	TY
218-E-8 Burial Ground Stabilized	A	TY

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
218-E-9 Burial Ground Stabilized	A	TY
218-E-10 Borrow Pit	N	N
218-E-10 Burial Ground Stabilized	A	TY
218-E-12A Borrow Pit	N	N
218-E-12A Burial Ground Stabilized	A	TY
218-E-12B Borrow Pit	N	N
218-E-12B Burial Ground Stabilized (Stabilized Area Only)	A	TY
UN-216-E-11 URS	SA	TY
UN-216-E-14 URS	A	TY
UN-216-E-15 URS	A	TY
UN-216-E-17 URS, Stabilized	A	TY
UN-216-E-30 URS	A	TY
UN-216-E-33 Borrow Pit	N	N
UN-216-E-33 URS, Stabilized	A	TY
UN-216-E-38 URS (Hot Semiworks)	A	TY
203, 204, & 205-S Underground Zone	A	TY
207-S Retention Basin	A	TY
216-S-1 Crib (cave-in potential)	A	TY
216-S-2 Crib (cave-in potential)	A	TY
216-S-3 Crib	A	TY
216-S-4 French Drain	A	TY

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
216-S-5 Crib, Stabilized	A	TY
216-S-6 Crib, Stabilized	A	TY
216-S-7 Crib (cave-in potential)	A	TY
216-S-8 Trench	A	TY
216-S-9 Crib	A	TY
216-S-10 Borrow Pit	N	N
216-S-10 Pond and Ditch (perform RCRA inspection TSD# D-2-7)	A	Q
216-S-12 Trench	A	TY
216-S-13 Crib (cave-in potential)	A	TY
216-S-15 Pond	A	TY
216-S-16 Borrow Pit	N	N
216-S-16 Ditch Stabilized	A	TY
216-S-16 Pond Stabilized	A	TY
216-S-17 Borrow Pit	A	N
216-S-17 Pond Stabilized	A	TY
216-S-19 Borrow Pit	A	N
216-S-19 Pond Stabilized	A	TY
216-S-20 Crib (cave-in potential)	A	TY
216-S-21 Crib (cave-in potential)	A	TY
216-S-22 Crib	A	TY
216-S-23 Crib	A	TY

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
2904-S-160 Control Structure (North of S-5)	A	TY
2904-S-170 Weir Box (by REDOX)	A	TY
2904-S-171 Weir Box (by S-6)	A	TY
2904-(216)-S-172 Weir and Control Structure (north of S-5)	A	TY
T-Plant Waste Unloading - Abandoned Rail Car Unloading Facility	A	TY
216-T-2 Reverse Well	A	TY
216-T-3 Reverse Well	A	TY
216-T-4-1 Ditch	A	TY
216-T-4A Pond	A	TY
216-T-5 Trench	A	TY
216-T-6 Crib (cave-in potential)	A	TY
216-T-7 Tile Field	A	TY
216-T-8 Crib (cave-in potential)	A	TY
216-T-14 Stabilized Trench	A	TY
216-T-15 Stabilized Trench	A	TY
216-T-16 Stabilized Trench	A	TY
216-T-17 Stabilized Trench	A	TY
216-T-18 Crib	A	TY
216-T-19 Crib (cave-in potential)	A	TY
216-T-20 Crib	A	TY
216-T-21 through -25 Stabilized Trenches	A	TY

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
216-T-26 through -28 Cribs, Stabilized	A	TY
216-T-33 Crib	A	TY
216-T-34 Crib, Stabilized	A	TY
216-T-35 Crib, Stabilized	A	TY
216-T-36 Crib	A	TY
241-T-361 Settling Tank	A	TY
216-U-1 Crib (cave-in potential), Stabilized	A	TY
216-U-2 Crib (cave-in potential), Stabilized	A	TY
216-U-3 French Drain	A	TY
216-U-4 Reverse Well	A	TY
216-U-4A French Drain	A	TY
216-U-4B French Drain	A	TY
216-U-5 Trench	A	TY
216-U-6 Trench	A	TY
216-U-7 French Drain	A	TY
216-U-8 Crib (cave-in potential)	A	TY
216-U-10 Borrow Pit	N	N
216-U-10 Pond Stabilized	A	TY
216-U-11 Borrow Pit	N	N
216-U-11 Trench (Stabilized)	A	TY
216-U-12 Crib (Perform RCRA inspection - TSD# D-2-8)	A	Q

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
216-U-14 Ditch (stabilized portion only)	A	TY
241-U-361 Settling Tank, Stabilized	A	TY
218-W-1 Burial Ground, Stabilized	A	TY
218-W-1A Burial Ground	A	TY
218-W-1A Borrow Pit	N	N
218-W-2 Burial Ground Stabilized	A	TY
218-W-2A Borrow Pit	N	N
218-W-2A Burial Ground Stabilized	A	TY
218-W-3 Burial Ground Stabilized	A	TY
218-W-4A Burial Ground Stabilized	A	TY
218-W-4B Burial Ground Stabilized	A	TY
218-W-7 Burial Vault	A	TY
218-W-8 Burial Vault (cave-in potential)	A	TY
218-W-9 Burial Vault, Stabilized	A	TY
218-W-11 Burial Ground Stabilized	A	TY
241-WR Waste Diversion Vault	A	TY
216-Z-1 and -19 Stabilized Ditches	A	TY
216-Z-4 Trench, Stabilized	A	TY
216-Z-5 Crib (cave-in potential), Stabilized	A	TY
216-Z-6 Crib (cave-in potential), Stabilized	A	TY
216-Z-7 Crib (cave-in potential), Stabilized	A	TY

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
216-Z-8 French Drain	A	TY
216-Z-10 Reverse Well, Stabilized	A	TY
216-Z-11 Stabilized	A	TY
216-Z-12 Crib	A	TY
216-Z-16 Crib	A	TY
216-Z-17 Trench, Stabilized	A	TY
216-Z-18 Crib	A	TY
216-Z-19 Borrow Pit	A	N
UN-216-W-2 URS	A	TY
UN-216-W-4 URS	A	TY
UN-216-W-5 URS	A	TY
UN-216-W-7 URS	A	TY
UN-216-W-9 URS	A	TY
UN-216-W-14 URS (stabilized with U Pond)	A	TY
UN-216-W-15 URS (stabilized with U Pond)	A	TY
UN-216-W-16 URS (stabilized with U Pond)	A	TY
UN-216-W-17 URS (stabilized with U Pond)	A	TY
UN-216-W-19 URS (inside 218-W-9), Stabilized	A	TY
UN-216-W-20 URS Stabilized	A	TY
UN-216-W-23 URS Stabilized	A	TY
UN-216-W-24 URS	A	TY

Surveillance Frequency Code: A = Annually; SA = Semi-annually; Q = Quarterly; M = Monthly; N = None, TY = Tri-Yearly (three times per year)

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TABLE 1 - 200 AREA SITES	Radiological Survey	Maintenance Surveillance
UN-216-W-25 URS	A	TY
UN-216-W-26 URS	A	TY
UN-216-W-29 URS	A	TY
UN-216-W-30 URS	A	TY
UN-216-W-31 URS, Stabilized	A	TY
216-N-2 Trench	A	TY
216-N-3 Trench	A	TY
216-N-4 Pond	A	TY
216-N-5 Trench	A	TY
216-N-6 Pond	A	TY
216-N-7 Trench	A	TY

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TABLE 2 - 300/600 AREA SITES	Radiological Survey	Maintenance Surveillance
316-5 Process Trenches (Perform RCRA inspection TSD# D-3-1)	A	Q
616-4 Crib (sometimes called 316-4)	A	TY
618-2 & -3 Burial Ground (stabilized)	A	TY
618-4 Burial Ground	A	TY
618-5 Burial Ground	A	TY
618-7 Burial Ground	A	TY
618-8 Burial Ground	A	TY
618-9 Burial Ground (Exhumed)	N	N
618-10 Borrow Pit	N	N
618-10 Burial Ground, Stabilized	A	TY
618-11 Borrow Pit	N	N
618-11 Burial Ground Stabilized	A	TY
Non-Radioactive Dangerous Waste Landfill (Perform RCRA inspection TSD# D-6-1)	N	Q

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TABLE 3 - 100 AREA SITES	Radiological Survey	Maintenance Surveillance
100-BC Exclusion Area Grounds HERBICIDE ONLY	N	N
116-B-1 107-B Liquid Waste Disposal Trench	A	SA
116-B-2 105-B Storage Basin Trench	A	SA
116-B-3 105-B Pluto Crib (cave-in potential)	A	SA
116-B-4 105-B Dummy Decontamination French Drain	A	SA
116-B-5 108-B Crib (cave-in potential)	A	SA
116-B-6A 111-B Crib #1	A	SA
116-B-6B 111-B Crib #2	A	SA
116-B-9 104-B-2 French Drain	A	SA
116-B-10 108-B Dry Well, Quench Tank	A	SA
116-B-11 107-B Retention Basin	A	SA
118-B-1 105-B Burial Grounds	A	SA
118-B-2 Construction Burial Ground #1	A	SA
118-B-3 Construction Burial Ground #2	A	SA
118-B-4 105-B Spacer Burial Ground	A	SA
118-B-5 Ball 3A Burial Ground	A	SA
118-B-6 108-B Solid Waste Burial Ground	A	SA
118-B-7 111-B Solid Waste Burial Ground	A	SA
120-B-1 105-B Battery Acid Sump	N	N
124-B-1, -2, -3 Sanitary Waste Site	N	N
126-B-1 184-B Ash Disposal Pit	N	N

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TABLE 3 - 100 AREA SITES	Radiological Survey	Maintenance Surveillance
128-B-1 100-B/C Burning Pit	N	N
116-C-1 107-C Liquid Waste Disposal Trench	A	SA
116-C-2A 105-C Pluto Crib	A	SA
116-C-2B 105-C Pluto Crib Pump Station	A	SA
116-C-2C 105-C Pluto Crib Sandfilter	A	SA
116-C-5 107-C Retention Basin	A	SA
118-C-1 105-C Solid Waste Burial Ground	A	SA
124-C-1, -4 Sanitary Waste Sites	N	SA
100-D/DR Exclusion Area Grounds HERBICIDE ONLY	N	N
116-D-1A 105-D Storage Basin Trench #1	A	SA
116-D-1B 105-D Storage Basin Trench #2	A	SA
116-D-2 105-D Pluto Crib (cave-in potential)	A	SA
116-D-3 108-D Crib #1	A	SA
116-D-4 108-D Crib #2	A	SA
116-D-6 105-D Cushion Corridor French Drain	A	SA
116-D-7 107-D Retention Basin	A	SA
118-D-1 100-D Burial Ground #1	A	SA
118-D-2 100-D Burial Ground #2	A	SA
118-D-3 100-D Burial Ground #3	A	SA
118-D-4 Construction Burial Ground	A	SA
118-D-5 Ball 3A Burial Ground	A	SA

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TABLE 3 - 100 AREA SITES	Radiological Survey	Maintenance Surveillance
124-D-1 Sanitary Waste Site	N	SA
124-D-4 Sanitary Waste Site	N	SA
126-1 188 Ash Disposal Pit	N	SA
128-D-1 D/DR Burning Pit	N	SA
116-DR-1 107-DR Liquid Waste Disposal Trench #1	A	SA
116-DR-2 107-DR Liquid Waste Disposal Trench #2	A	SA
116-DR-3 105-DR Storage Basin Trench	A	SA
116-DR-4 105-DR Pluto Crib (cave-in potential)	A	SA
116-DR-6 1608-DR Liquid Waste Disposal Trench	A	SA
116-DR-7 105-DR Inkwel Crib	A	SA
116-DR-8 117-DR Crib	A	SA
116-DR-9 107-DR Retention Basin	A	SA
118-DR-1 105-DR Gas Loop Burial Ground	A	SA
124-DR-3 Sanitary Waste Site	N	SA
100-F Exclusion Area Grounds HERBICIDE ONLY	N	N
116-F-1 Lewis Canal	A	SA
116-F-2 107-F Liquid Waste Disposal Trench	A	SA
116-F-3 105-F Storage Basin Trench	A	SA
116-F-4 105-F Pluto Crib (cave-in potential)	A	SA
116-F-5 Ball Washer Crib (cave-in potential)	A	SA
116-F-6 1608-F Liquid Waste Disposal Trench	A	SA

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TABLE 3 - 100 AREA SITES	Radiological Survey	Maintenance Surveillance
116-F-7 117-F Crib	A	SA
116-F-8 1904-F Outfall Structure	A	SA
116-F-9 Animal Waste Leeching Trench	A	SA
116-F-10 105-F Dummy Decontamination French Drain	A	SA
116-F-11 105-F Cushion Corridor French Drain	A	SA
116-F-12 148-F French Drain	A	SA
116-F-13 1705-F Experimental Garden French Drain	A	SA
116-F-14 107-F Retention Basin	A	SA
118-F-1 100-F Solid Waste Burial Ground #1	A	SA
118-F-2 100-F Solid Waste Burial Ground #2	A	SA
118-F-3 100-F Solid Waste Burial Ground #3	A	SA
118-F-4 115-F Solid Waste Burial Pit	A	SA
118-F-5 PNL Sawdust Repository	A	SA
118-F-6 PNL Solid Waste Burial Ground	A	SA
124-F-1 through -7 Sanitary Waste Sites	N	SA
126-F-1 184-F Ash Disposal Pit	A	SA
128-F-1 100-F Burning Pit #1	N	SA
128-F-2 100-F Burning Pit #2	N	SA
100-H Exclusion Area Grounds HERBICIDE ONLY	N	N
116-H-1 107-H Liquid Waste Disposal Trench	A	SA
116-H-2 1608-H Liquid Waste Disposal Trench	A	SA

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TABLE 3 - 100 AREA SITES	Radiological Survey	Maintenance Surveillance
116-H-3 105-H Dummy Decontamination French Drain	A	SA
116-H-4 105-H Pluto Crib (exhumed & moved to 118-H-5)	A	SA
116-H-5 1904-H Outfall Structure	A	SA
116-H-7 107-H Retention Basin	A	SA
118-H-1 100-H Solid Waste Burial Ground #1	A	SA
118-H-2 100-H Solid Waste Burial Ground #2	A	SA
118-H-3 Construction Burial Ground	A	SA
118-H-4 Ball 3A Burial Ground	A	SA
118-H-5 105-H Thimble Pit	A	SA
124-H-1 through -4 Sanitary Waste Sites	N	SA
126-H-1 184-H Ash Disposal Pit	N	SA
128-H-1 100-H Burning Pit #1	N	SA
128-H-2 100-H Burning Pit #2	N	SA
100-KE/KW Exclusion Area Grounds HERBICIDE ONLY	N	N
116-K-1 100-K Emergency Crib	A	SA
116-K-2 100-K Mile Long Trench	A	SA
118-K-1 100-K Solid Waste Burial Ground	A	SA
124-K-1, -2 Sanitary Waste Sites	N	SA
126-K-1 100-K Gravel Pit	N	SA
128-K-1 100-K Burning Pit	N	SA
116-KE-1 115-KE Condensate Crib	A	SA

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TABLE 3 - 100 AREA SITES	Radiological Survey	Maintenance Surveillance
116-KE-2 1706-KER Waste Crib (cave-in potential)	A	SA
116-KE-3 105-KE Storage Basin French Drain	A	SA
116-KE-4 107-KE Retention Basins (3)	A	SA
116-KW-1 115-KW Condensate Crib	A	SA
116-KW-2 105-KW Storage Basin French Drain	A	SA
116-KW-3 107-KW Retention Basins (3)	A	SA
124-KW-1, -2 Sanitary Waste Sites	N	SA

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