

## **Appendix B**

### **100 Area IC Assessment Information**

100 Area Recordkeeping of Remedial Action Information on Interim Closed Out Sites

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Sitewide Institutional Control Requirement</b>		
<b>"DOE shall submit a Sitewide institutional controls plan . . . At a minimum, the plan shall contain the following: . . . Include a tracking mechanism that identifies all land areas under restriction or control."</b>		
1. Are ICs for remediated waste sites in the 100 Area identified in WIDS?	See attached WIDS query. Closed out sites are identified in WIDS.	

**WIDS Post-Closure Information—100 Area Remediated Waste Sites (6 Pages)**

Names	Operable Unit	Reclassification Status	Post Closure
100-B-12, Filter Box Radiological Materials Area (RMA)	100-BC-1	Interim Closed Out	
100-D-12, Sodium Dichromate / Acid Railcar and Truck Unload Station and Associated French Drain, Undocumented Liquid Waste Site	100-DR-2	Interim Closed Out	Revegetation; institutional controls to prevent drilling below 4.6 meters (15 feet)
100-D-18, Sludge Trench #4, 107-D Sludge Trench #4, 107-D-4, 107-D4	100-DR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet).
100-D-19, Sludge Trench #6, 107-D Sludge Trench #6	100-DR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (below 4.6 meters [15 feet]); revegetation.
100-D-20, Sludge Trench #3, 107-D Sludge Trench #3, 107-D-3, 107-D3	100-DR-1	Interim Closed Out	Revegetation
100-D-21, Sludge Trench #2, 107-DR Sludge Trench #2, 107-D-2, 107-D2	100-DR-1	Interim Closed Out	Revegetation
100-D-22, Sludge Trench #1, 107-DR Sludge Trench #1, 107-D-1, 107-D1	100-DR-1	Interim Closed Out	Revegetation
100-D-25, Unplanned Release: 107-DR Basin Leaks	100-DR-1	Interim Closed Out	Revegetation
100-D-4, Sludge Trench #5, 107-DR Sludge Trench #5, 107-D-5, 107-D5	100-DR-1	Interim Closed Out	Revegetation
100-D-46, Burial Ground 4A, 118-D-4A	100-DR-2	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation below 4.6 meters (15 feet); revegetation.
100-D-48, 100-D Reactor Cooling Water Effluent Underground Pipelines	100-DR-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavation below 4.6 meters (15 feet).
100-D-5, Waste Site Near 103-D, Undocumented Solid Waste Site, Undocumented Solid Waste Site Near 103-D	100-DR-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavation into the deep zone (below 4.6 meters (15 feet)).
100-D-52, 105-D Downcomer Insulation Space Dry Well	100-DR-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling below 4.6 meters (15 feet).
100-D-6, Buried VSR Thimble, Minor Construction Burial Ground #1, Burial Ground 4D, 118-D-4D	100-DR-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavations into the deep zone (below 4.6 meters (15 feet)).

**WIDS Post-Closure Information – 100 Area Remediated Waste Sites (6 Pages)**

100-F-11, 108-F Building 18 inch French Drain	100-FR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 m [15 feet]) at the site are required.
100-F-15, 108-F Building Ventilation French Drain, Undocumented	100-FR-2	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 m [15 feet]) at the site are required.
100-F-16, 108-F Building 30-inch French Drain, Undocumented	100-FR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 m [15 feet]) at the site are required.
100-F-2, Strontium Garden, PNL Ecological Study Strontium Garden	100-FR-2	Interim Closed Out	Revegetation
100-F-34, Biology Facility French Drain	100-FR-1	Interim Closed Out	Revegetation and institutional controls to prevent uncontrolled drilling or excavations below 4.6 meters (15 feet).
100-F-4, 108-F Building 12-inch French Drain	100-FR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 m [15 feet]) at the site are required.
100-H-1, 105-H Rod Cave	100-HR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavations below 4.6 meters (15 feet) (deep zone); revegetation.
100-H-17, 116-H-2 Trench Overflow	100-HR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling and excavation below 4.6 meters (15 feet); revegetation.
100-H-2, Buried Thimble Site	100-HR-2	Interim Closed Out	Institutional controls to prevent uncontrolled drilling and excavation below 4.6 meters (15 feet); revegetation.
100-H-21, 100-H Reactor Cooling Water Effluent Underground Pipelines	100-HR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into deep zone soils (below 4.6 meters [15 feet]); revegetation.
100-H-22, Soil Contaminated by Effluent Line Leakage	100-HR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into deep zone soils (below 4.6 meters [15 feet]); revegetation.
100-H-24, 151-H Electrical Facilities, 100-H-24 Substation, 151-H Substation	100-HR-1	Interim Closed Out	Revegetation
100-H-30, 110-H Sanitary Sewer Trench	100-HR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation below 4.6 meters (15 feet); revegetation.
100-H-5, 107-H Retention Basin Sludge Burial Site, 107-H Buried Sludge Site, Sludge Disposal Trench, 107-H Grave	100-HR-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavation into deep zone soils.
116-B-1, 107-B Liquid Waste Disposal Trench, Process Effluent Trench	100-BC-1	Interim Closed Out	Revegetation

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**WIDS Post-Closure Information – 100 Area Remediated Waste Sites (6 Pages)**

116-B-10, 108-B Dry Well, Quench Tank	100-BC-1	Interim Closed Out	Revegetation
116-B-11, 107-B Retention Basin, 116-B-11 Retention Basin	100-BC-1	Interim Closed Out	Revegetation
116-B-12, 117-B Crib, 117-B Seal Pit Crib	100-BC-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavating below 4.6 meters (15 feet).
116-B-13, 107-B South Sludge Trench, 116-B-8, 107-B #2 Grave, Basin Sludge Burial Pit	100-BC-1	Interim Closed Out	Revegetation
116-B-14, 107-B North Sludge Trench, 107-B Liquid Waste Disposal Trench No. 1, 116-B-2, 107-B #1 Grave	100-BC-1	Interim Closed Out	Revegetation
116-B-16, 111-B Fuel Examination Tank	100-BC-1	Interim Closed Out	Revegetation
116-B-2, 105-B Storage Basin Trench, B-Storage Basin Crib	100-BC-1	Interim Closed Out	Revegetation
116-B-3, 105-B Pluto Crib	100-BC-1	Interim Closed Out	Revegetation
116-B-4, 105-B Dummy Decontamination French Drain, 105-B Dummy Decontamination Disposal Crib	100-BC-1	Interim Closed Out	Revegetation
116-B-5, 116-B-5 Crib, 116-B-5 Trench, 108-B Crib	100-BC-1	Interim Closed Out	Revegetation
116-B-6A, 111-B Crib No. 1, 116-B-6-1	100-BC-1	Interim Closed Out	Revegetation
116-B-6B, 111-B Crib No. 2, 116-B-6-2	100-BC-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavating into the deep zone (below 4.6 meters (15 feet))
116-B-7, 1904-B-1 Outfall Structure, 1904-B1	100-BC-1	Interim Closed Out	Revegetation
116-B-9, 104-B-2 French Drain	100-BC-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavating below 4.6 meters (15 feet) are required.
116-C-1, 107-C Liquid Waste Disposal Trench	100-BC-1	Interim Closed Out	Revegetation
116-C-2A, 105-C Pluto Crib, 116-C-2, 105-C Crib	100-BC-2	Interim Closed Out	Revegetation
116-C-2B, 105-C Pluto Crib Pump Station, 116-C-2-1, 116-C-2B Pump Station	100-BC-2	Interim Closed Out	Revegetation

**WIDS Post-Closure Information – 100 Area Remediated Waste Sites (6 Pages)**

116-C-2C, 105-C Pluto Crib Sand Filter, 116-C-2-2, 116-C-8	100-BC-2	Interim Closed Out	Revegetation
116-C-5, 116-C-5 Retention Basins, 107-C Retention Basins	100-BC-1	Interim Closed Out	Revegetation
116-D-1A, 105-D Storage Basin Trench #1	100-DR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (below 4.6 meters (15 feet)); revegetation.
116-D-1B, 105-D Storage Basin Trench #2	100-DR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (below 4.6 meters (15 feet)); revegetation.
116-D-2, 105-D Pluto Crib, 116-D-2A	100-DR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet)
116-D-4, 108-D Crib #2	100-DR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet)
116-D-6, 105-D Cushion Corridor French Drain	100-DR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet)
116-D-7, 107-D Retention Basin, 107-D	100-DR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet)
116-D-9, 117-D Crib, 117-D Seal Pit Crib	100-DR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet)
116-DR-1&2, 107-DR Liquid Waste Disposal Trench #1, 107-DR Liquid Waste Disposal Trench #2, 116-DR-1, 116-DR-2	100-DR-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavation into deep zone soils are required.
116-DR-4, 105-DR Pluto Crib	100-DR-2	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet)
116-DR-6, 1608-DR Liquid Disposal Trench, Wash Pad Liquid Waste Site 3C	100-DR-2	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet)
116-DR-7, 105-DR Inkwell Crib	100-DR-2	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavation into deep zone soils are required.
116-DR-9, 107-DR Retention Basin, 107-DR	100-DR-1	Interim Closed Out	Revegetation
116-F-12, 148-F French Drain	100-FR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet)
116-F-14, 107-F Retention Basin, 107-F	100-FR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 m [15 feet]) are required.

**WIDS Post-Closure Information – 100 Area Remediated Waste Sites (6 Pages)**

116-F-4, 105-F Pluto Crib	100-FR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 m [15 ft]) are required.
116-F-5, Ball Washer Crib	100-FR-1	Interim Closed Out	Revegetation and institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 meters [15 feet]).
116-F-9, Animal Waste Leaching Trench	100-FR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet).
116-H-1, 107-H Liquid Waste Disposal Trench	100-HR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet).
116-H-2, 1608-H Liquid Waste Disposal Trench, 1608-H Crib & Trench	100-HR-1	Interim Closed Out	Revegetation.
116-H-3, 105-H Dummy Decontamination French Drain, Perf Decontamination Drain	100-HR-1	Interim Closed Out	Revegetation; institutional controls below 4.6 meters (15 feet).
116-H-7, 107-H Retention Basin, 107-H	100-HR-1	Interim Closed Out	Revegetation; Institutional controls to prevent uncontrolled drilling or excavating below 4.6 meters (15 feet).
116-N-3, 1325-N Liquid Waste Disposal Facility, 1325-N Crib and Trench	100-NR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 m [15 ft]) are required. The groundwater will be monitored after remediation to confirm the effectiveness of remediation and accuracy of modeling predictions. Signs prohibiting public access will be maintained.
132-B-6, 1904-B-2 Outfall Structure Site, 116-B-8, 1904-B2	100-BC-1	Interim Closed Out	Revegetation
132-C-2, 1904-C Outfall, 116-C-4	100-BC-1	Interim Closed Out	Revegetation
1607-F6, 1607-F6 Septic Tank, 124-F-6, 1607-F6 Sanitary Sewer System	100-FR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 m [15 ft]) are required.
1607-H2, 1607-H2 Septic Tank and Associated Drain Field, Septic System, 1607-H2 Sanitary Sewer System, 124-H-2, 1607-H2 Septic Tank	100-HR-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavating below 4.6 meters (15 feet).
1607-H4, 1607-H4 Septic Tank and Associated Drain Field, 1607-H4 Sanitary Sewer System, 124-H-4, 1607-H4 Septic Tank; Septic System	100-HR-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling or excavation into deep zone soils are required.

**WIDS Post-Closure Information – 100 Area Remediated Waste Sites (6 Pages)**

600-23, Dumping Area Within Gravel Pit #11	100-IU-6	Interim Closed Out	Revegetation
JA JONES 1, JA Jones 1, JA Jones Dumping Pit #1, JA Jones Construction Pit #1	100-IU-6	Interim Closed Out	
UPR-100-D-2, Effluent Line Leak #1	100-DR-1	Interim Closed Out	Revegetation; institutional controls to prevent drilling or excavation below 4.6 meters (15 feet).
UPR-100-D-3, Effluent Line Leak #3	100-DR-1	Interim Closed Out	Revegetation; institutional controls to prevent uncontrolled drilling and excavation below 4.6 meters (15 feet).
UPR-100-D-4, Unplanned Release: 107-D Basin Leaks	100-DR-1	Interim Closed Out	Revegetation; Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (below 4.6 meters [15 feet]).
UPR-100-F-2, Basin Leak Ditch, 107-F Basin Leak Ditch, 100-F-3	100-FR-1	Interim Closed Out	Institutional controls to prevent uncontrolled drilling or excavation into the deep zone (i.e., below 4.6 m [15 ft]).

**100 area selected waste sites**

**100 Area Waste Sites Selected for Field Inspection—Completed Waste Sites**

<b>Operable Unit</b>	<b>Waste Site, Name</b>	<b>Applicable ROD</b>
100-DR-1	100-D-5, Undocumented Solid Waste Site Near 103-D	100 Area Burial Ground ROD
100-BC-1	116-B-7, 1904-B-1 Outfall Structure	100 Area Remaining Sites ROD
100-HR-1	100-H-17, 116-H-2 Trench Overflow	100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment
100-FR-1	100-F-19, 100-F Reactor Cooling Water Effluent Underground Pipelines, Contaminated Underground Lines, Effluent Water System, 1904-F Process Sewer	100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment
100-DR-2	116-DR-4, 105-DR Pluto Crib	100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment
100-BC-2	116-C-2A, 105-C Pluto Crib	100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment
100-FR-2	126-F-1, 184-F Powerhouse Ash Pit, 188-F Ash Disposal Area	100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment
100-IU-6	600-23, Dumping Area Within Gravel Pit #11	ESD for the 100 Area Remaining Sites ROD
100-HR-2	100-H-2, Buried Thimble Site	100-BC-1, 100-DR-1, 100-HR-1 ROD
100-NR-1	116-N-3, 1325-N Liquid Waste Disposal Facility, 1325-N Crib and Trench	100-NR-1 TSD Units ROD

**100 Area Waste Sites Selected for Field Inspection—Sites with Active Remediation**

<b>Operable Unit</b>	<b>Waste Site, Name</b>	<b>Applicable ROD</b>
100-NR-1	116-N-1, 1301-N Liquid Waste Disposal Facility, 1301-N Crib and Trench	100-NR-1 TSD Units ROD
100-BC-2	100-C-6, 100-C Reactor Cooling Water Effluent Underground Pipelines	100-BC-1, 100-DR-1, 100-HR-1 ROD
100-BC-1	100-B-8, 100-B Reactor Cooling Water Effluent Underground Pipelines	100-BC-1, 100-DR-1, 100-HR-1 ROD
100-KR-1 (2 waste sites)	116-KE-4, 107-KE Retention Basins, 107-KE 116-KW-3, 107-KW Retention Basin, 107-KW	100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment
100-KR-2 (2 waste sites)	100-K-55, 100-KW Reactor Cooling Water Effluent Underground Pipelines 100-K-56, 100-KE Reactor Cooling Water Effluent Underground Pipelines	100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment

**100 Area Waste Sites Selected for Field Inspection—Sites Awaiting Action**

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<b>Operable Unit</b>	<b>Waste Site, Name</b>	<b>Applicable ROD</b>
100-NR-1 (3 sites)	100-N-12, 116-N/184-N Pipelines Liquid Unplanned Release 1 100-N-13, Contaminated Soil Solid Waste Site 1 100-N-14, Contaminated Soil Solid Waste Site 2	100-NR-1 and 100-NR-2 ROD
100-KR-2 (3 sites)	100-K-1, 119-KW French Drain, 199-KW Exhaust Air Sample Building French Drain, 100-K-45  116-KE-1, 115-KE Condensate Crib  100-K-2, 118-K-2 Sludge Burial Ground, Burial Area	100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment  100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment  100 Area Burial Grounds ROD
100-FR-1 (2 sites)	116-F-15, 108-F Radiation Crib  100-F-10, French Drain at East End of 105-F Storage Room (Candidate Site)	100 Area Remaining Sites ROD
100-DR-1 (4 sites)	100-D-1, Contaminated Drain, Contaminated Storm Drain  100-D-2, Solid Waste Site, Lead Sheeting  100-D-32, Minor Construction Burial Ground #6  100-D-24, 119D Sample Building Drywell (Candidate Site)	100 Area Remaining Sites ROD  100 Area Remaining Sites ROD  100 Area Burial Grounds ROD  100 Area Remaining Sites ROD
100-DR-2 (3 sites)	116-DR-3, 105-DR Storage Basin Trench	100-BC-1, 100-DR-1, 100-HR-1 ROD Amendment

	100-D-40, Minor Construction Burial Ground #5 Hole  100-D-13, Unnumbered Septic System A, Septic Tank D-13, 100 DR Area Sewage Disposal Unit, 124-DR-3, 1607-DR3 (Candidate Site)	100 Area Burial Grounds ROD  100 Area Remaining Sites ROD
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**100 Area Waste Sites Selected for Field Inspection—Sites Awaiting Action**

<b>Operable Unit</b>	<b>Waste Site, Name</b>	<b>Applicable ROD</b>
100-HR-1 (2 sites)	100-H-11, Expansion Box French Drain E  100-H-10, French Drain D (Candidate Site)	100 Area Remaining Sites ROD  100 Area Remaining Sites ROD
100-BC-1 (3 sites)	128-B-3, 100-B Dump Site, 128-B-3 Coal Ash and Demolition Waste Site, 128-B-3 Burning Pit Site, 600-57  118-B-10, Ball 3X Storage Vault (Burial Ground)  100-B-3, Hot Thimble Burial Ground, Undocumented Solid Waste Site (Candidate Site)	100 Area Remaining Sites ROD  100 Area Burial Grounds ROD  100 Area Remaining Sites ROD
100-IU-6	600-149, Small Arms Range, Rifle and Pistol Range, 661 Complex, 600-54	100 Area Remaining Sites ROD
100-KR-1	116-K-1, 100-K Crib, 100-K Pond, 116-K-1 Trench, 107-K-Pond, 107-K(E) Sump, 100-K Emergency Pond	100-BC-1, 100-DR-1, 100-HR- 1 ROD Amendment
100-BC-2 (2 sites)	118-C-1, 105-C Burial Ground, 105-C Solid Waste Burial Ground, 118-C-1, (Burial Ground)  128-C-1, 100-C Burning Pit (Candidate Site)	100 Area Burial Grounds ROD  100 Area Remaining Sites ROD
100-FR-2 (2 sites)	100-F-20, PNL Parallel Sites  100-F-14, 100-FR-2 Vent Pipe, 100-F Carpenter Shop Waste Site Vent (Candidate Site)	100 Area Burial Grounds ROD  100 Area Remaining Sites ROD
100-HR-2	118-H-1, 100-H Burial Ground No. 1, 100-H-1	100 Area Burial Grounds ROD

**Assessment checklists for selected waste sites — completed sites**

**100 Area Burial Ground Interim ROD—Waste Site No.: 100-D-5**

**Assessment Date: 3/17/03**

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Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>Well drilling is prohibited, except for monitoring or remediation wells authorized in EPA and Ecology-approved, or Ecology-approved documents. Groundwater use is also prohibited, except for monitoring and treatment, as approved by EPA or Ecology.</b>		
1. Has there been any well drilling?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
3. Has there been any groundwater use?	No.	
4. If yes, was approval granted by EPA or Ecology?	N/A	
<b>No intrusive work is allowed on or near the waste sites covered in this ROD without prior approval of EPA or Ecology.</b>		
1. Has there been any intrusive work on or near the waste site?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
<b>DOE shall maintain signs along access roads that warn Site visitors and worker of potential hazards from 100 Area waste sites.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-375-7501. Contact number verified for accuracy and is the correct number.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-D/DR Area. There are additional "Radiologically Controlled Area" warning signs posted around the waste site.	

**100 Area Remaining Sites ROD—Waste Site No.: 116-B-7**  
**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	Yes, the excavation process was initiated and an excavation permit was issued (DAN-1667). Site has been closed out.	
2. If so, for what activity?	Remediation of the waste site.	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the access road(s).	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-B/C Area. Additional warning signs located near the waste site and include "Soil Contamination Area" warnings.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 100-H-17**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
<p>1. Does DOE have access restriction sin place at the waste sites?</p>	<p>There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-H, Area there are warning signs upon entry onto the site. The 100-H Area is posted with "No Trespassing" signs. This site has been remediated and is closed out. DOE is preparing to issue the Well Management Plan, DOE/RL-2003-13, Rev. 0. This plan discusses the roles, requirements, and responsibilities to manage the drilling, completion, maintenance, remediation, and decommissioning of all wells supporting DOE-RL. Access control to groundwater monitoring wells is through dedicated locks. The well security is checked periodically by sampling teams, as determined by the master sampling schedule (PNNL-14111). The well security is mandated by both 173-160-400 WAC and CP-GPP-EE-02 Procedure 14. Well security is also checked during routine and non-routine well maintenance inspections.</p>	<p>Access control and restrictions on the waste sites are a matter of operational control and not an IC per se. A dialogue with the Tri-Party Agencies is necessary to rectify this IC.</p>

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 100-F-19**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
<p>1. Does DOE have access restriction sin place at the waste sites?</p>	<p>There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-F Area there are warning signs upon entry onto the site. The 100-F Area is posted with "No Trespassing" signs. 100-F-19 is a pipeline that has additional warning signs posted, to include signs warning of radioactive contamination. DOE is preparing to issue the Well Management Plan, DOE/RL-2003-13, Rev. 0. This plan discusses the roles, requirements, and responsibilities to manage the drilling, completion, maintenance, remediation, and decommissioning of all wells supporting DOE-RL. Access control to groundwater monitoring wells is through dedicated locks. The well security is checked periodically by sampling teams, as determined by the master sampling schedule (PNNL-14111). The well security is mandated by both 173-160-400 WAC and CP-GPP-EE-02 Procedure 14. Well security is also checked during routine and non-routine well maintenance inspections.</p>	<p>Access control and restrictions on the waste sites are a matter of operational control and not an IC per se. A dialogue with the Tri-Party Agencies is necessary to rectify this IC.</p>

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 116-DR-4**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
<p>1. Does DOE have access restriction sin place at the waste sites?</p>	<p>There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-D/DR Area there are warning signs upon entry onto the site. The 100-D/DR Area is posted with "No Trespassing" signs. 116-DR-4 waste site is within a fenced area that has warning signs attached to the fence. DOE is preparing to issue the Well Management Plan, DOE/RL-2003-13, Rev. 0. This plan discusses the roles, requirements, and responsibilities to manage the drilling, completion, maintenance, remediation, and decommissioning of all wells supporting DOE-RL. Access control to groundwater monitoring wells is through dedicated locks. The well security is checked periodically by sampling teams, as determined by the master sampling schedule (PNNL-14111). The well security is mandated by both 173-160-400 WAC and CP-GPP-EE-02 Procedure 14. Well security is also checked during routine and non-routine well maintenance inspections.</p>	<p>Access control and restrictions on the waste sites are a matter of operational control and not an IC per se. A dialogue with the Tri-Party Agencies is necessary to rectify this IC.</p>

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 116-C-2A**  
**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
<p>1. Does DOE have access restriction sin place at the waste sites?</p>	<p>There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-B/C Area there are warning signs upon entry onto the site. The 100-B/C Area is posted with "No Trespassing" signs. The site has been remediated and is closed out. DOE is preparing to issue the Well Management Plan, DOE/RL-2003-13, Rev. 0. This plan discusses the roles, requirements, and responsibilities to manage the drilling, completion, maintenance, remediation, and decommissioning of all wells supporting DOE-RL. Access control to groundwater monitoring wells is through dedicated locks. The well security is checked periodically by sampling teams, as determined by the master sampling schedule (PNNL-14111). The well security is mandated by both 173-160-400 WAC and CP-GPP-EE-02 Procedure 14. Well security is also checked during routine and non-routine well maintenance inspections.</p>	<p>Access control and restrictions on the waste sites are a matter of operational control and not an IC per se. A dialogue with the Tri-Party Agencies is necessary to rectify this IC.</p>

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 126-F-1**

Assessment Date: 3/13/03

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been obtained.</b>		
<p>1. Does DOE have access restriction in place at the waste sites?</p>	<p>There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-F Area there are warning signs upon entry onto the site. The 100-F Area is posted with "No Trespassing" signs. 100-F-19 is a pipeline that has additional warning signs posted, to include signs warning of radioactive contamination. DOE is preparing to issue the Well Management Plan, DOE/RL-2003-13, Rev. 0. This plan discusses the roles, requirements, and responsibilities to manage the drilling, completion, maintenance, remediation, and decommissioning of all wells supporting DOE-RL. Access control to groundwater monitoring wells is through dedicated locks. The well security is checked periodically by sampling teams, as determined by the master sampling schedule (PNNL-14111). The well security is mandated by both 173-160-400 WAC and CP-GPP-EE-02 Procedure 14. Well security is also checked during routine and non-routine well maintenance inspections.</p>	<p>Access control and restrictions on the waste sites are a matter of operational control and not an IC per se. A dialogue with the Tri-Party Agencies is necessary to rectify this IC.</p>

**100 Area Remaining Sites ROD—Waste Site No.: 600-23**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. This site has been closed out.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the main access road into the 600-23 waste site.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 600-23. The waste site is surrounded by warning signs and "no trespassing" signs at the entrance to the waste site.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 100-H-2**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-H Area there are warning signs upon entry onto the site. The 100-H Area is posted with "No Trespassing" signs. The site has been remediated and is closed out.	

**100-NR-1 OU ROD—Waste Site No.: 116-N-3**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	Yes, an excavation permit was obtained prior to remedial actions being initiated at 116-N-3.	
2. If so, for what activity?	Remediation of the waste site.	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, warning signs are posted along the access roads. Excellent signage along access sites and within the waste site area. Great signs located at the entrance to the queue of 116-N-3.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. The access number listed on the access control gate within 116-N-3 is 509-531-0600. Both contact numbers are valid.	
3. What is the location of the sign?	Located at main access road into the 100 N Area. Additional signage located at the entrance to the 116-N-3.	

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**ASSESSMENT CHECKLISTS FOR SELECTED WASTE SITES— SITES WITH ACTIVE REMEDIATION**

**100-NR-1 OU ROD—Waste Site No.: 116-N-1**

**Assessment Date: 3/31/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	Yes, an excavation permit was obtained prior to remedial actions being initiated at 116-N-1.	
2. If so, for what activity?	Remediation of the waste site.	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, warning signs are posted along the access roads. Excellent signage along access sites and within the waste site area. Great signs located at the entrance to the queue of 116-N-1.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. The access number listed on the access control gate within 116-N-1 is 509-531-0600. Both contact numbers are valid.	
3. What is the location of the sign?	Located at main access road into the 100 N Area. Additional signage located at the entrance to the 116-N-1.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 100-C-6**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-B/C Area there are warning signs upon entry onto the site. The 100-B/C Area is posted with "No Trespassing" signs. The 100-C-6 site is near 105-B, where there are additional signs in place.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 100-B-8**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-B/C Area there are warning signs upon entry onto the site. The 100-B/C Area is posted with "No Trespassing" signs. 100-B-8 is a pipeline that extends within the perimeter of the 105-B Reactor fenceline. This site is marked with "Radioactive Contamination" signs.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 116-KE-4**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. The 100-K Area has warning signs posted upon entry onto the site. This site has an excavation permit in place (DAN-2029) for the remediation of the waste site. The site is posted with an Underground Radioactive Material Area sign.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 116-KW-3**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. The 100-K Area has warning signs posted upon entry onto the site. This site has an excavation permit in place (DAN-2029) for the remediation of the waste site. The site is posted with an Underground Radioactive Material Area sign.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 100-K-55**

**Assessment Date: 03/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-K Area there are warning signs upon entry onto the site. The 100-K Area is posted with "No Trespassing" signs. 100-K-55 is a pipeline that has additional warning signs posted, to include signs warning of radioactive contamination.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 100-K-56**

**Assessment Date: 3/31/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-K Area there are warning signs upon entry onto the site. The 100-K Area is posted with "No Trespassing" signs. 100-K-56 is a pipeline that has additional warning signs posted, to include signs warning of radioactive contamination.	

**Assessment checklists for selected waste sites — sites awaiting action**

**100-NR-1, 100-NR-2 OU ROD—Waste Site No.: 100-N-12**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A, no excavation activities or well drilling activities are being conducted.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes. 509-376-7501 (warning sign on main access road to 100 N).	
3. What is the location of the sign?	Main access road to the 100 N Area.	

**100-NR-1, 100-NR-2 OU ROD—Waste Site No.: 100-N-13**

**Assessment Date: 3/13/03**

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Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A, Excavation permit requirement posted, but no excavation activities or well drilling activities are currently being conducted.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501 (warning sign on main access road to 100 N). Contact number also identified on sign leading to access road to 100-N-13 (509-531-0600). Both contact numbers are valid.	
3. What is the location of the sign?	Main access road to the 100 N Area. Another sign is posted at the access point for 100-N-13.	

**100-NR-1, 100-NR-2 OU ROD—Waste Site No.: 100-N-14**  
**Assessment Date: 3/13/03**

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Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A, Excavation permit requirement posted, but no excavation activities or well drilling activities are currently being conducted.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501 (Warning sign on main access road to 100 N). Contact number given for sign posted at the gate to the secondary access road. The phone numbers were verified for accuracy, the 509-376-7501 number is correct, the 509-376-6654 number is incorrect.	Recommend replacement of incorrect sign and periodic inspections/reviews of signs located at waste site to ensure contact numbers are correct and up to date.
3. What is the location of the sign?	Main access road to the 100 N Area. Additional signs are posted at the gate to the secondary access road.	

**Table B.1.2-100-KR-2 ROD Requirements**

<b>CERCLA ROD Requirement</b>	<b>How is requirement met?</b>
<p>The DOE will maintain or implement access restrictions to prevent public access until final remedial action is completed.</p>	<p>The access control is accomplished by three barricades, which restrict entry to the Hanford Site. All personnel entering these barricades must be wearing a current badge. Other means of access control are badging, fences and signs.</p>
<p>Current access controls include signs along the river, and 8-foot fence, locked access to buildings containing the primary hazards, and routine patrols. Institutional controls will be included in the Remedial Design Report/Remedial Action Work Plan (RDR/RAWP) subject to EPA approval.</p>	<p>There are signs along the river, 8-foot fence, locked access to the building, and routine patrols.</p> <p>The ICs are included in DOE/RL-99-89, Rev. 1, "Remedial Design Report/Remedial Action Work Plan".</p>

**Table B.2.1. 100 Area Remaining Sites and Portions of 200 Area  
Interim Remedial Action ROD Requirements.**

<b>CERCLA ROD Requirement</b>	<b>How is requirement met?</b>
DOE will continue to use a badging program to control access to the associated sites for the duration of the interim action. Visitors entering the sites associated with the Interim Action ROD are required to be escorted at all times.	FH manages the sitewide badging program through an implementing procedure. There are strict requirements for the visitors entering the Hanford Site. Visitors are required to be escorted at all times.
DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling or excavation of soil) within the 100 Area operable units.	The excavation permitting process controls all excavation or drilling activities on the Hanford Site. The permitting process includes evaluation of proximity of the WMU on the construction sites
DOE will maintain existing signs prohibiting public access.	There are “No Trespassing” signs every 500 feet along the perimeter of the Hanford Site. This requirement is specified in a contractor requirements document. The individual waste sites are posted.
DOE will provide notification to EPA and Ecology upon discovery of any trespass incidents.	While there were incidents of potential trespass on the Hanford Site, none involved trespass of an IC (active or remediated) site. Trespass incidents were reported to the Benton County Sheriff's Office. When unauthorized personnel and members of the public were encountered, they were redirected to public access areas, and no incidents of trespass resulted from these attempted accesses.
Trespassing incidents will be reported to the Benton County Sheriff's office for investigation and evaluation for possible	While there were incidents of potential trespass on the Hanford Site, none involved trespass of an IC (active or remediated) site. Trespass incidents were reported to the Benton County Sheriff's Office. When unauthorized personnel and members of the public

**Table B.2.1. 100 Area Remaining Sites and Portions of 200 Area  
Interim Remedial Action ROD Requirements.**

<b>CERCLA ROD Requirement</b>	<b>How is requirement met?</b>
prosecution.	were encountered, they were redirected to public access areas, and no incidents of trespass resulted from these attempted accesses.

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 100-K-1**

**Assessment Date: 3/17/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-K Area there are warning signs upon entry onto the site. The 100-K Area is posted with "No Trespassing" signs. The 100-K-1 waste site is located within the fenceline of the 105-KW Reactor and has additional signs warning of restricted access, radioactive contamination, and general hazard warnings.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 116-KE-1**

**Assessment Date: 3/17/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. The 100-K Area has warning signs posted upon entry onto the site. The site is located within the 105-KE Reactor Building and is posted with additional entry requirements, warning and caution signs, and Underground Radioactive Material Area signs.	

**Table B.1.3-100-HR-3 and 100-KR-4 Operable Units ROD Requirements**

<b>CERCLA ROD Requirement</b>	<b>How is requirement met?</b>
<p>Institutional controls are required to prevent human exposure to groundwater. The DOE is responsible for establishing and maintaining land-use and access restrictions until Maximum Contamination Levels (MCLs) and risk-based criteria are met or the final remedy is selected. Institutional controls include placing written notification of the remedial action in the facility land-use master plan. The DOE will prohibit any activities that would interfere with the remedial activity without EPA and Ecology concurrence. In addition, measures necessary to ensure the continuation of these restrictions will be taken in the event of any transfer or lease of the property before a final remedy is selected. A copy of the notification will be given to any prospective purchaser/transferee before any transfer or lease. The DOE will provide EPA and Ecology with written verification that these restrictions have been put in place.</p>	<p>The implemented institutional controls include excavation permitting process, signs, capping and locking of the wellheads, barriers, and signs. The institutional controls are effective.</p> <p>A process to identify IC restrictions placed on a site during the property transfer exists. GSA Form SF-118 is used to document the IC restrictions.</p>

**100 Area Burial Ground ROD—Waste Site No.: 100-K-2**

**Assessment Date: 3/17/03**

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Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>Well drilling is prohibited, except for monitoring or remediation wells authorized in EPA and Ecology-approved, or Ecology-approved documents. Groundwater use is also prohibited, except for monitoring and treatment, as approved by EPA or Ecology.</b>		
1. Has there been any well drilling?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
3. Has there been any groundwater use?	No.	
4. If yes, was approval granted by EPA or Ecology?	N/A	
<b>No intrusive work is allowed on or near the waste sites covered in this ROD without prior approval of EPA or Ecology.</b>		
1. Has there been any intrusive work on or near the waste site?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
<b>DOE shall maintain signs along access roads that warn Site visitors and worker of potential hazards from 100 Area waste sites.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-375-7501. Contact number verified for accuracy and is the correct number.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-K Area. There are additional "Radiologically Controlled Area" warning signs posted around the waste site.	

**100 Area Remaining Sites ROD—Waste Site No.: 116-F-15**

**Assessment Date: 3/17/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently being conducted; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the access roads	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-F Area. Waste site located within fenceline of F Reactor. Additional warning signs are posted on fence warning of entry requirements, radiation contamination, and general construction hazards present on site. Access to the site is restricted and requires an escort from the project.	

**100 Area Remaining Sites ROD—Waste Site No.: 100-F-10**

**Assessment Date: 3/17/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the access roads.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-F Area. Waste site located within fenceline of F Reactor. Additional warning signs are posted on fence warning of entry requirements, radiation contamination, and general construction hazards present on site. Access on the site is restricted and requires an escort from the project.	

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**100 Area Remaining Sites ROD—Waste Site No.: 100-D-1**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the main access road into the 100-D/DR Area.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-D/DR Area. There are no additional warning signs located on the access road to the waste site, however the waste site is fenced.	

**100 Area Remaining Sites ROD—Waste Site No.: 100-D-2**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the main access road into the 100-D/DR Area.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-D/DR Area. The waste site is surrounded by warning signs and "no trespassing" signs on the upper ridge of the river shoreline.	

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**100 Area Burial Ground Interim ROD—Waste Site No.: 100-D-32**

**Assessment Date: 3/13/03**

B-45

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>Well drilling is prohibited, except for monitoring or remediation wells authorized in EPA and Ecology-approved, or Ecology-approved documents. Groundwater use is also prohibited, except for monitoring and treatment, as approved by EPA or Ecology.</b>		
1. Has there been any well drilling?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
3. Has there been any groundwater use?	No.	
4. If yes, was approval granted by EPA or Ecology?	N/A	
<b>No intrusive work is allowed on or near the waste sites covered in this ROD without prior approval of EPA or Ecology.</b>		
1. Has there been any intrusive work on or near the waste site?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
<b>DOE shall maintain signs along access roads that warn Site visitors and worker of potential hazards from 100 Area waste sites.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-375-7501. Contact number verified for accuracy and is the correct number.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-D/DR Area.	

**100 Area Remaining Sites ROD—Waste Site No.: 100-D-24**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the main access road into the 100-D/DR Area.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-D/DR Area. This waste site is within the fenceline for 105-D Reactor. Access to this area is restricted and is controlled with a perimeter fence, a gate to control access, and warning signs that include radiation contamination warnings, entry requirements, hazard warnings, and general construction warnings.	

**100 BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 116-DR-3**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<p><b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b></p>		
<p>1. What methods are used to control site access?</p>	<p>There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. At the 100-D/DR Area there are warning signs upon entry onto the site. The 100-D/DR Area is posted with "No Trespassing" signs. Additional postings are present around the 116-DR-3 waste site, these postings are for Underground Radioactive Material Area signs.</p>	

**100 Area Burial Ground Interim ROD—Waste Site No.: 100-D-40**

**Assessment Date : 3/17/03**

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Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>Well drilling is prohibited, except for monitoring or remediation wells authorized in EPA and Ecology-approved, or Ecology-approved documents. Groundwater use is also prohibited, except for monitoring and treatment, as approved by EPA or Ecology.</b>		
1. Has there been any well drilling?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
3. Has there been any groundwater use?	No.	
4. If yes, was approval granted by EPA or Ecology?	N/A	
<b>No intrusive work is allowed on or near the waste sites covered in this ROD without prior approval of EPA or Ecology.</b>		
1. Has there been any intrusive work on or near the waste site?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
<b>DOE shall maintain signs along access roads that warn Site visitors and worker of potential hazards from 100 Area waste sites.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-375-7501. Contact number verified for accuracy and is the correct number.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-D/DR Area. Waste site is also posted with an underground radioactive contamination sign. This sign also requires that an excavation permit be obtained prior to any excavation activities.	

**100 Area Remaining Sites ROD—Waste Site No.: 100-D-13**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the main access road into the 100-D/DR Area.	
2. Do the signs identify a contact? If yes, identify:	Yes, (509) 376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-D/DR Area. There are no additional warning signs located on the access road to the waste site, however the waste site is fenced.	

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**100 Area Remaining Sites ROD—Waste Site No.: 100-H-11**

**Assessment Date: 3/17/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the access roads.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-H Area. Waste site located within fenceline of H Reactor. Additional warning signs are posted on fence warning of entry requirements and general construction hazards present on site. Access to the site is restricted and requires an escort from the project.	

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**100 Area Remaining Sites ROD—Waste Site No.: 100-H-10**

**Assessment Date: 3/17/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the main access road into the 100-H Area.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-H Area.	

**100 Area Remaining Sites ROD—Waste Site No.: 128-B-3**

**Assessment Date: 3/17/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the access roads	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-B/C Area. Additional warning sign on access road to the waste site.	

**100 Area Burial Ground Interim ROD—Waste Site No.: 118-B-10**

**Assessment Date: 3/13/03**

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Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>Well drilling is prohibited, except for monitoring or remediation wells authorized in EPA and Ecology-approved, or Ecology-approved documents. Groundwater use is also prohibited, except for monitoring and treatment, as approved by EPA or Ecology.</b>		
1. Has there been any well drilling?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
3. Has there been any groundwater use?	No.	
4. If yes, was approval granted by EPA or Ecology?	N/A	
<b>No intrusive work is allowed on or near the waste sites covered in this ROD without prior approval of EPA or Ecology.</b>		
1. Has there been any intrusive work on or near the waste site?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
<b>DOE shall maintain signs along access roads that warn Site visitors and worker of potential hazards from 100 Area waste sites.</b>		
1. Are there warning signs along the access roads?	Yes	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-375-7501. Contact number verified for accuracy and is the correct number.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-B/C Area. This site is within the reactor fenceline, which contains significant warning signs for radiation contamination and general hazard warnings.	

**100 Area Remaining Sites ROD—Waste Site No.: 100-B-3**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the access road(s).	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-B/C Area. This site is within the reactor fenceline, which contains significant warning signs for radiation contamination and general hazard warnings.	

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**100 Area Remaining Sites ROD—Waste Site No.: 600-149**

**Assessment Date: 4/3/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	There are "no trespassing" signs along the access	
2. Do the signs identify a contact? If yes, identify:	None were observed.	
3. What is the location of the sign?	There are "no trespassing" signs along the access road. Additional "keep away" signs are present at the entrance to the waste site on the fence/gate.	

**100-BC-1, 100-DR-1, 100-HR-1 OU ROD—Waste Site No.: 116-K-1**

**Assessment Date: 3/17/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will control access and use of the Site for the duration of the cleanup, including restrictions on the drilling of new groundwater wells in the existing plumes or their paths. It is expected that institutional controls will be enforced until the remedial action objectives have been attained.</b>		
1. What methods are used to control site access?	There are site access controls in place. The first line of control is that entrance onto the Hanford site is restricted through entrance through one of three barricades. The 100-K Area has warning signs posted upon entry onto the site. This site has an excavation permit in place (DAN-2029) for the remediation of the waste site. The site is posted with an Underground Radioactive Material Area signs.	

**100 Area Burial Ground ROD—Waste Site No.: 118-B-1**

**Assessment Date: 3/13/03**

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Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>Well drilling is prohibited, except for monitoring or remediation wells authorized in EPA and Ecology-approved, or Ecology-approved documents. Groundwater use is also prohibited, except for monitoring and treatment, as approved by EPA or Ecology.</b>		
1. Has there been any well drilling?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
3. Has there been any groundwater use?	No.	
4. If yes, was approval granted by EPA or Ecology?	N/A	
<b>No intrusive work is allowed on or near the waste sites covered in this ROD without prior approval of EPA or Ecology.</b>		
1. Has there been any intrusive work on or near the waste site?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
<b>DOE shall maintain signs along access roads that warn Site visitors and worker of potential hazards from 100 Area waste sites.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-375-7501. Contact number verified for accuracy and is the correct number.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-B/C Area. Additionally, the access road to the waste site had caution signs warning of a "Radiologically Controlled Area."	

**100 Area Remaining Sites ROD—Waste Site No.: 128-C-1**

**Assessment Date: 3/13/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No intrusive work currently being performed at the waste site. However, the excavation permit process is in place.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	No, there are no warning signs.	
2. Do the signs identify a contact? If yes, identify:	No.	
3. What is the location of the sign?	N/A--this waste site is outside the fenceline to of the 100-B/C Area. There are no signs on the access roads to this waste site from any direction. This site does not contain radiation contamination.	Recommend placing a warning sign on the access road to the waste site.

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**100 Area Burial Ground ROD—Waste Site No.: 100-F-20**

**Assessment Date: 3/13/03**

B-59

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>Well drilling is prohibited, except for monitoring or remediation wells authorized in EPA and Ecology-approved, or Ecology-approved documents. Groundwater use is also prohibited, except for monitoring and treatment, as approved by EPA or Ecology.</b>		
1. Has there been any well drilling?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
3. Has there been any groundwater use?	No.	
4. If yes, was approval granted by EPA or Ecology?	N/A	
<b>No intrusive work is allowed on or near the waste sites covered in this ROD without prior approval of EPA or Ecology.</b>		
1. Has there been any intrusive work on or near the waste site?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
<b>DOE shall maintain signs along access roads that warn Site visitors and worker of potential hazards from 100 Area waste sites.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-375-7501. Contact number verified for accuracy and is the correct number.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-F Area. There are additional "Radiologically Controlled Area" warning signs posted around the waste site.	

**100 Area Remaining Sites ROD—Waste Site No.: 100-F-14**

**Assessment Date: 3/17/03**

Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>DOE will utilize the onsite excavation permit process to control land use (e.g., well drilling and excavation of soil) within the 100 Area operable units to prohibit any drilling or excavation except as approved by Ecology.</b>		
1. Was the excavation permit process implemented?	N/A. No excavation or well drilling activities currently taking place; however, permit process in place to control land use.	
2. If so, for what activity?	N/A	
<b>DOE will maintain existing signs prohibiting public access.</b>		
1. Are there warning signs along the access roads?	Yes, there are warning signs along the access roads.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-376-7501. This number was verified and is correct.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-F Area. General warning sign at the waste site, no contact listed.	

**100 Area Burial Ground ROD—Waste Site No.: 118-H-1**

**Assessment Date: 3/17/03**

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Evaluation Criteria	Assessment	Possible Repairs and Improvements
<b>Operable-Unit Specific ROD Requirements</b>		
<b>Well drilling is prohibited, except for monitoring or remediation wells authorized in EPA and Ecology-approved, or Ecology-approved documents. Groundwater use is also prohibited, except for monitoring and treatment, as approved by EPA or Ecology.</b>		
1. Has there been any well drilling?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
3. Has there been any groundwater use?	No.	
4. If yes, was approval granted by EPA or Ecology?	N/A	
<b>No intrusive work is allowed on or near the waste sites covered in this ROD without prior approval of EPA or Ecology.</b>		
1. Has there been any intrusive work on or near the waste site?	No.	
2. If yes, was approval granted by EPA or Ecology?	N/A	
<b>DOE shall maintain signs along access roads that warn Site visitors and worker of potential hazards from 100 Area waste sites.</b>		
1. Are there warning signs along the access roads?	Yes.	
2. Do the signs identify a contact? If yes, identify:	Yes, 509-375-7501. Contact number verified for accuracy and is the correct number.	
3. What is the location of the sign?	There are warning signs at the main access road to the 100-H Area. There are additional "Radiologically Controlled Area" warning signs posted around the waste site.	

**CY2002 Institutional Controls Report  
Waste Sites Checklist**

Site Code	Type	Status	Warning Notices		Entry Restriction	
			Signs		Access Control	
			Required by ROD	Correct information displayed	Required by ROD	Effective
<b>100 Area</b>						
<b>100-DR-2 Operable Unit (1999 Interim ROD, 100- Area Remaining Sites and 200-CW-3)</b>						
100-D-27	Unplanned Release	Inactive	N	Signs, although not required by the ROD, are present and display correct information	Y	Y
<b>100-HR-2 Operable Unit (1999 Interim ROD, 100- Area Remaining Sites and 200-CW-3)</b>						
600-151	Dumping Area	Inactive	N	Signs, although not required by the ROD, are present and display correct information	Y	Y
<b>100-KR-2 Operable Unit (1999 Interim ROD 100 Area Remaining Sites and 1999 Int. ROD for 100-KR-2 Spent Fuel)</b>						
100-K-42	Storage	Active	Y	Y	Y	Y
100-K-43	Storage	Active	Y	Y	Y	Y
100-K-29	Dumping Area	Inactive	Y	Y	Y	Y
100-K-35	Sump	Inactive	Y	Y	Y	Y
100-K-36	French Drain	Inactive	Y	Y	Y	Y
UPR-100-K-1	Unplanned Release	Inactive	Y	Y	Y	Y
<b>100-HR-3 Operable Unit (1996 Interim ROD, 300-FF-1 and FF-5)</b>						
	Pump & Treat Station	Active	N	Signs, although not required by the ROD, are present and display correct information	Y	Y
	Transfer Station 1	Active	N	Signs, although not required by the ROD, are present and display correct information	Y	Y
	Transfer Station 2	Active	N	Signs, although not required by the ROD, are present and display correct information	Y	Y
	ISRM	Active	N	Signs, although not required by the ROD, are present and display correct information	Y	Y
116-H-6	183-H SEP	Active	N	Signs, although not required by the ROD, are present and display correct information	Y	Y
<b>100-NR-2 Operable Unit (1996 Interim ROD, 300-FF-1 and FF-5)</b>						
TC-1301-N	Pump & Treat Station	Active	Y	Y	Y	Y

**CY2002 Institutional Controls Report  
Waste Sites Checklist**

Site Code	Type	Status	Warning Notices		Entry Restriction	
			Signs		Access Control	
			Required by ROD	Correct information displayed	Required by ROD	Effective
<b>100-KR-4 Operable Unit (1996 Interim ROD, 300-FF-1 and FF-5)</b>						
	Transfer Station 1	Active	N	Signs, although not required by the ROD, are present and display correct information	Y	Y
	Transfer Station 2	Active	N	Signs, although not required by the ROD, are present and display correct information	Y	Y
	Pump & Treat Station	Active	N	Signs, although not required by the ROD, are present and display correct information	Y	Y