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| Change Number | Federal Facility Agreement and Consent Order<br>Change Control Form<br>Do not use blue ink. Type or print using black ink. | Date |
|---|---|---|
| C-08-06 | | August 4, 2009 |

**Originator**
Matthew McCormick

**Phone**
(509) 373-9971

**Class of Change**

[ ] I - Signatories [X] II - Executive Manager [ ] III - Project Manager

**Change Title**

Designation of Appendix C Groundwater Operable Units and River Corridor Source Operable Units as CERCLA Past Practice

**Description/Justification of Change**

Approval of this change package designates all of the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Appendix C Groundwater Operable Units and all River Corridor Source Operable Units as CERCLA Past Practice (CPP) units.

This proposed change is the result of RCRA/CERCLA integration meetings that have been conducted by the Tri-Parties that led to a joint agreement that a single regulatory framework may better align and streamline cleanup of Groundwater Operable Units and River Corridor Source Operable Units.

This change package is consistent with the Hanford Site Groundwater Strategy (DOE/RL-2002-59): to restore groundwater to its intended beneficial use to protect human health, the environment, and the Columbia River. *Continued on page 2*

**Impact of Change**

This change will better align and streamline the regulatory process in place for all of the Groundwater Operable Units and River Corridor Source Operable Units

**Affected Documents**

Hanford Federal Facility Agreement (Tri-Party Agreement) Appendix C

**Approvals**

| | | | |
|---|---|---|---|
| DOE | 8/10/09 Date | X Approved | ____ Disapproved |
| EPA | 8/11/09 Date | X Approved | ____ Disapproved |
| Ecology | 8/11/09 Date | X Approved | ____ Disapproved |



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*Continued from Page 1*

**Description/Justification of Change**

Approval of this change request will modify the Hanford Federal Facility Agreement Appendix C as follows:

- Re-categorize the 100-DR-2 and 100-HR-2 Operable Units from RCRA Past Practice (RPP) to CERCLA Past Practice (CPP)
- Re-categorize the 100 NR-1 Operable Unit from RPP to CPP
- Designate Groundwater Operable Units to be CERCLA Past Practice (CPP) units.

Beginning on Page 3 changes to Appendix C are displayed by highlight to indicate addition of text and by ~~strikeout~~ to indicate deletion of text. Only the Groundwater Operable Units and the 100 Area Operable Units with changes are shown.

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-DR-1** | **Ecology** | **CPP** | |
| 100-D-1 | 100-D-1, Contaminated Drain, Contaminated Storm Drain | Process Sewer | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-2 | 100-D-2, Solid Waste Site, Lead Sheeting | Foundation | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-3 | 100-D-3, Solid Waste Burial Ground, Silica Gel | Burial Ground | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-4 | 100-D-4, Sludge Trench #5, 107-DR Sludge Trench #5, 107-D-5, 107-D5 | Trench | Closed Out (3/25/1999) |
| 100-D-5 | 100-D-5, Waste Site Near 103-D, Undocumented Solid Waste Site, Undocumented Solid Waste Site Near 103-D | Burial Ground | |
| 100-D-6 | 100-D-6, Buried VSR Thimble, Minor Construction Burial Ground #1, Burial Ground 4D, 118-D-4D | Burial Ground | |
| 100-D-7 | 100-D-7, Undocumented Solid Waste Site | Dumping Area | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-8 | 100-D-8, 105-DR Process Sewer Outfall Site, Undocumented Liquid Waste Site, 1907-DR | Outfall | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-18 | 100-D-18, Sludge Trench #4, 107-D Sludge Trench #4, 107-D-4, 107-D4 | Trench | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 100-D-19 | 100-D-19, Sludge Trench #6, 107-D Sludge Trench #6 | Trench | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-20 | 100-D-20, Sludge Trench #3, 107-D Sludge Trench #3, 107-D-3, 107-D3 | Trench | Closed Out (3/25/1999) |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-DR-1 (continued)** | | | |
| 100-D-21 | 100-D-21, Sludge Trench #2, 107-DR Sludge Trench #2, 107-D-2, 107-D2 | Trench | Closed Out (3/25/1999) |
| 100-D-22 | 100-D-22, Sludge Trench #1, 107-DR Sludge Trench #1, 107-D-1, 107-D1 | Trench | Closed Out (3/25/1999) |
| 100-D-24 | 100-D-24, 119D Sample Building Drywell | French Drain | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-25 | 100-D-25, Unplanned Release: 107-DR Basin Leaks | Unplanned Release | Closed Out (1/6/2000) |
| 100-D-29 | 100-D-29, Effluent Line Leak #2 | Unplanned Release | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |
| 100-D-30 | 100-D-30, 190-D Sodium Dichromate Soil Contamination, 185-D, 189-D Decontamination & Demolition Project, 185-D Sodium Dichromate Trench & Sump | Unplanned Release | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-31 | 100-D-31,100-D Water Treatment Facilities Underground Pipelines | Process Sewer | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-32 | 100-D-32, Minor Construction Burial Ground #6 | Burial Ground | |
| 100-D-33 | 100-D-33, Minor Construction Burial Ground #4 East Trench | Burial Ground | |
| 100-D-35 | 100-D-35, Minor Construction Burial Ground #4 West Trench | Burial Ground | |
| 100-D-41 | 100-D-41, Minor Construction Burial Ground #5 Trench, 118-18, 118-D-18 | Burial Ground | |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-DR-1 (continued)** | | | |
| 100-D-42 | 100-D-42, Buried VSR Thimble Site | Burial Ground | |
| 100-D-45 | 100-D-45, Buried VSR Thimble Site, Burial Ground 4B, 118-D-4B | Burial Ground | |
| 100-D-48 | 100-D-48, 100-D Reactor Cooling Water Effluent Underground Pipelines | Radioactive Process Sewer | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 100-D-48:1 | 100-D-48:1, North Pipelines from 116-D-7 to the Outfalls | | |
| 100-D-48:2 | 100-D-48:2, West Pipelines from D Avenue to 116-D-7 | | |
| 100-D-48:3 | 100-D-48:3, Effluent Pipelines from D Avenue to 105-D Reactor | | |
| 100-D-49 | 100-D-49, 100-DR Reactor Cooling Water Effluent Underground Pipelines | Radioactive Process Sewer | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 100-D-49:1 | 100-D-49:1, North Pipelines from 116-DR-9 to the Outfalls | | |
| 100-D-49:2 | 100-D-49:2, East Pipelines from D Avenue to 116-DR-9 | | |
| 100-D-49:3 | 100-D-49:3, Effluent Pipelines from D Avenue to 105-DR Reactor | | |
| 100-D-52 | 100-D-52, 105-D Downcomer Insulation Space Dry Well | French Drain | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48 |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-DR-1 (continued)** | | | |
| 116-D-1A | 116-D-1A, 105-D Storage Basin Trench #1 | Trench | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-D-1B | 116-D-1B, 105-D Storage Basin Trench #2 | Trench | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-D-2 | 116-D-2, 105-D Pluto Crib, 116-D-2A | Crib | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-D-3 | 116-D-3, 108-D Crib #1 | Crib | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-D-4 | 116-D-4, 108-D Crib #2 | Crib | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-D-5 | 116-D-5, 1904-D Outfall Structure | Outfall | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 116-D-6 | 116-D-6, 105-D Cushion Corridor French Drain | French Drain | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-D-7 | 116-D-7, 107-D Retention Basin, 107-D | Retention Basin | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-D-9 | 116-D-9, 117-D Crib, 117-D Seal Pit Crib | Crib | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-D-10 | 116-D-10, 105-D Fuel Storage Basin Cleanout Percolation Pit, 105-D Fuel Storage Discharge Ponds, 105-D Ponds | Pond | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 120-D-2 | 120-D-2, 186-D Waste Acid Reservoir | Surface Impoundment | Interim Record of Decision, 100 Area Remaining Sites (1999)† |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-DR-1 (continued)** | | | |
| 126-D-2 | 126-D-2, 184-D Coal Pit/Burial Ground | Burial Ground | |
| 128-D-2 | 128-D-2, 128-D-2 Burn Pit | Burn Pit | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 130-D-1 | 130-D-1, 1716-D Gasoline Storage Tank, 1706-D Gasoline Storage Tank | Storage Tank | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 132-D-1 | 132-D-1, 115-D/DR Gas Recirculating Facility | Process Unit/Plant | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 132-D-2 | 132-D-2, 117-D Filter Building | Process Unit/Plant | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 132-D-3 | 132-D-3, 1608-D Waste Water Pumping Station, 1608-D Effluent Pumping Station | Pump Station | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 1607-D2 | 1607-D2, 1607-D2 Septic Tank and Associated Drain Fields, 124-D-2, 1607-D2 Sanitary Sewer System, 1607-D2 Septic Tank | Septic Tank | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48 |
| 1607-D2:1 | 1607-D2:1, Original 1607-D2 Tile Field, Eastern 1607-D2 Tile Field | | Closed Out (3/25/1999) |
| 1607-D2:2 | 1607-D2:2 Replacement 1607-D2 Tile Field, Northern Tile Field | | |
| 1607-D2:3 | 1607-D2:3, Sanitary Sewer Pipelines | | |
| 1607-D2:4 | 1607-D2:4, 1607-D2 Septic Tank | | Closed Out (11/23/1999) |
| 1607-D4 | 1607-D4, 1607-D4 Septic Tank and Associated Drain Field, 124-D-4, 1607-D4 Sanitary Sewer System, 1607-D4 Septic Tank | Septic Tank | Interim Record of Decision, 100 Area Remaining Sites (1999)† |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-DR-1 (continued)** | | | |
| 1607-D5* | 1607-D5, 1607-D5 Septic Tank and Associated Drain Field, 124-D-5, 1607-D5 Sanitary Sewer System, 1607-D5 Septic Tank | Septic Tank | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 116-DR-1&2 | 116-DR-1&2, 107-DR Liquid Waste Disposal Trench #1, 107-DR Liquid Waste Disposal Trench #2, 116-DR-1, 116-DR-2 | Trench | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-DR-5 | 116-DR-5, 1904-DR Outfall Structure, 1904-DR | Outfall | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 116-DR-9 | 116-DR-9, 107-DR Retention Basin, 107-DR | Retention Basin | Closed Out (1/6/2000) |
| 628-3 | 628-3, 628-3 Burn Pit | Burn Pit | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| UPR-100-D-1 | UPR-100-D-1, Oil Soaked Soil | Unplanned Release | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| UPR-100-D-2 | UPR-100-D-2, Effluent Line Leak #1 | Unplanned Release | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |
| UPR-100-D-3 | UPR-100-D-3, Effluent Line Leak #3 | Unplanned Release | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |
| UPR-100-D-4 | UPR-100-D-4, Unplanned Release: 107-D Basin Leaks | Unplanned Release | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |
| UPR-100-D-5 | UPR-100-D-5, Effluent Line Leak #4 | Unplanned Release | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49 |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-DR-2** | **Ecology** | **~~RPPCPP~~** | |
| 100-D-12 | 100-D-12, Sodium Dichromate / Acid Railcar and Truck Unload Station and Associated French Drain, Undocumented Liquid Waste Site | Pump Station | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-13 | 100-D-13, Unnumbered Septic System A, Septic Tank D-13, 100 DR Area Sewage Disposal Unit.124-DR-3, 1607-DR3 | Septic Tank | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-15 | 100-D-15, Debris North of 100-D Area Perimeter Road and Debris South of 100-D Perimeter Road - within 100-D-55 (Gravel Pit #21) | Dumping Area | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-23 | 100-D-23, 119-DR Sample Building Drywell | French Drain | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-27 | 100-D-27, 151-D Substation UPR, A-2 Substation Transformer #A401C Leak | Unplanned Release | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-28 | 100-D-28, 190-DR Building Septic System | Septic Tank | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-D-40 | 100-D-40, Minor Construction Burial Ground #5 Hole | Burial Ground | |
| 100-D-43 | 100-D-43, Buried VSR Thimble Site, Burial Ground 4C, 118-D-4C | Burial Ground | |
| 100-D-46 | 100-D-46, Burial Ground 4A, 118-D-4A | Burial Ground | |
| 100-D-47 | 100-D-47, Construction C.G. 558-Rod Burial, Burial Ground 4E, 118-D-4E | Burial Ground | |
| 116-D-8 | 116-D-8, 100-D Cask Storage Pad | Storage | Interim Record of Decision, 100 Area Remaining Sites (1999)† |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-DR-2 (continued)** | | | |
| 118-D-1 | 118-D-1, 100-D Burial Ground No. 1 | Burial Ground | |
| 118-D-2 | 118-D-2, 100-D Burial Ground No. 2 | Burial Ground | |
| 118-D-3 | 118-D-3, 100-D Burial Ground No. 3 | Burial Ground | |
| 118-D-4 | 118-D-4, Construction Burial Ground, Burial Ground 4F, 118-D-4F | Burial Ground | |
| 118-D-5 | 118-D-5, Ball 3X Burial Ground, Burial Ground 4G, 118-D-4G | Burial Ground | |
| 128-D-1 | 128-D-1, 100 D/DR Burning Pit | Burn Pit | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 116-DR-3 | 116-DR-3, 105-DR Storage Basin Trench | Trench | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-DR-4 | 116-DR-4, 105-DR Pluto Crib | Crib | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-DR-6 | 116-DR-6, 1608-DR Liquid Disposal Trench, Wash Pad Liquid Waste Site 3C | Trench | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-DR-7 | 116-DR-7, 105-DR Inkwell Crib | Crib | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 116-DR-8 | 116-DR-8, 117-DR Crib, 117-DR Seal Pit Crib | Crib | Interim Record of Decision, 100 Area Remaining Sites (1999)† |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-DR-2 (continued)** | | | |
| 116-DR-10 | 116-DR-10, 105-DR Fuel Storage Basin Cleanout Percolation, 105-DR Fuel Storage Discharge Pond, 105-DR Pond | Pond | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 118-DR-1 | 118-DR-1, 105-DR Gas Loop Burial Ground | Burial Ground | |
| 126-DR-1* | 126-DR-1, 190-DR Clearwell Tank Pit | Dumping Area | |
| 132-DR-1 | 132-DR-1, 1608-DR Waste Water Pumping Station, 1608-DR Effluent Pumping Station | Pump Station | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 600-30 | 600-30, 100-DR Construction Lay-down Area | Dumping Area | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| **100-HR-1** | **Ecology** | **CPP** | |
| 100-H-3 | 100-H-3, 1716-H Garage Fuel Tank Site | Storage Tank | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-4 | 100-H-4, 1717-H Hot Shop, French Drain, and, Contaminated Storage Unit | Maintenance Shop | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-5 | 100-H-5, 107-H Retention Basin Sludge Burial Site, 107-H Buried Sludge Site, 107-H Grave | Burial Ground | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 100-H-7 | 100-H-7, French Drain A | French Drain | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-8 | 100-H-8, French Drain B | French Drain | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-9 | 100-H-9, French Drain C | French Drain | Interim Record of Decision, 100 Area Remaining Sites (1999)† |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-HR-1 (continued)** | | | |
| 100-H-10 | 100-H-10, French Drain D | French Drain | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-11 | 100-H-11, Expansion Box French Drain E | French Drain | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-12 | 100-H-12, Expansion Box French Drain F and Shielding Lead | French Drain | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-13 | 100-H-13, French Drain G | French Drain | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-14 | 100-H-14, Surface Contamination Zone H | Unplanned Release | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-17 | 100-H-17, 116-H-2 Trench Overflow | Unplanned Release | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 100-H-21 | 100-H-21, 100-H Reactor Cooling Water Effluent Underground Pipelines | Radioactive Process Sewer | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 100-H-22 | 100-H-22, Soil Contaminated by Effluent Line Leakage | Unplanned Release | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-24 | 100-H-24, 151-H Electrical Facilities, 151-H Substation | Electrical Substation | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 100-H-31 | 100-H-31, Polychlorinated Biphenyl in Soil On North Side of 105-H Reactor Building | Unplanned Release | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 116-H-1 | 116-H-1, 107-H Liquid Waste Disposal Trench | Trench | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-HR-1 (continued)** | | | |
| 116-H-2 | 116-H-2, 1608-H Liquid Waste Disposal Trench, 1608-H Crib & Trench | Trench | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-H-3 | 116-H-3, 105-H Dummy Decontamination French Drain, Perf Decontamination Drain | French Drain | Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997) |
| 116-H-4 | 116-H-4, 105-H Pluto Crib | Crib | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-H-5 | 116-H-5, 116-H-5 Outfall Structure, 1904-H Outfall Structure, 116-H-5 Outfall Structure and Riverlines | Outfall | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 116-H-7 | 116-H-7, 107-H Retention Basin, 107-H | Retention Basin | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) |
| 116-H-9 | 116-H-9, 117-H Crib, 117-H Seal Pit Crib | Crib | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 126-H-2* | 126-H-2, 183-H Clearwells/Disposal Pit | Dumping Area | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 132-H-1 | 132-H-1, 116-H Reactor Exhaust Stack Burial Site | Burial Ground | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 132-H-3 | 132-H-3, 1608-H Waste Water Pumping Station Site, 116-H-8, 1608-H Effluent Pumping Station Site | Pump Station | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 1607-H2 | 1607-H2, 1607-H2 Septic Tank and Associated Drain Field, 1607-H2 Sanitary Sewer System, 124-H-2, 1607-H2 Septic Tank | Septic Tank | Interim Record of Decision, 100 Area Remaining Sites (1999)† |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-HR-1 (continued)** | | | |
| 1607-H4 | 1607-H4, 1607-H4 Septic Tank and Associated Drain Field, 1607-H4 Sanitary Sewer System, 124-H-4, 1607-H4 Septic Tank | Septic Tank | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| **100-HR-2** | **Ecology** | ~~RPPCPP~~ | |
| 100-H-2 | 100-H-2, Buried Thimble Site | Burial Ground | Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 116-H-2 |
| 118-H-1 | 118-H-1, 100-H Burial Ground No. 1, 100-H-1 | Burial Ground | |
| 118-H-2 | 118-H-2, H-1 Loop Burial Ground, 100-H Burial Ground No. 2 | Burial Ground | |
| 118-H-3 | 118-H-3, Construction Burial Ground | Burial Ground | |
| 118-H-4 | 118-H-4, Ball 3X Burial Ground | Burial Ground | |
| 118-H-5 | 118-H-5, 105-H Thimble Pit | Burial Ground | |
| 128-H-1 | 128-H-1, 100-H Burning Pit, 100-H Burning Pit No. 1 | Burn Pit | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 128-H-2 | 128-H-2, 100-H Burning Ground #2 | Burn Pit | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 128-H-3 | 128-H-3, 100-H Burning Ground #3 | Burn Pit | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 132-H-2 | 132-H-2, 117-H Filter Building Site | Burial Ground | Interim Record of Decision, 100 Area Remaining Sites (1999)† |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

| OPERABLE UNIT<br>Waste Unit Name | LEAD REGULATORY AGENCY<br>Waste Unit Aliases | Unit Type | Status |
|---|---|---|---|
| **100-HR-2 (continued)** | | | |
| 1607-H1* | 1607-H1, 1607-H1 Septic Tank and Associated Drain Field, 124-H-1, 1607-H1 Sanitary Sewer System, 1607-H1 Septic Tank | Septic Tank | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| 600-151 | 600-151, Dumping Areas 50 yards and 200 yards Downstream of River Mile 14, Military installation NW of 100H Area | Dumping Area | Interim Record of Decision, 100 Area Remaining Sites (1999)† |
| **100-IU-3** | **Ecology** | **CPP** | |
| 600-8 | 600-8, MIL - H-06C, Control Center for "Battery A" Nike Missile, Wahluke Slope Nike Missile Base, WSNMB, 600-103 (Part) | Military Compound | Deleted From NPL (7/8/1998) |
| 600-9 | 600-9, MIL - H-06L, Battery "A" Nike Missile Installation Launch Site, Wahluke Slope Nike Missile Base, WSNMB, 600-103 (Part) | Military Compound | Deleted From NPL (7/8/1998) |
| 600-104 | 600-104, USBR, USBR 2,4-D Burial Site, USBR-2.4-D | Burial Ground | Deleted From NPL (7/8/1998) |
| **100-IU-4** | **Ecology** | **CPP** | |
| 600-105 | 600-105, SDBDL, Sodium Dichromate Barrel Disposal Landfill | Burial Ground | Closed Out (2/12/1996) |
| **100-NR-1** | **Ecology** | **~~RPP~~ CPP** | |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

**100-NR-1 (continued)**

| | | |
|---|---|---|
| 2607-FSM* | 2607-FSM, 609 Building Septic Tank 2607-FSM, 100 Area Fire Station Septic Tank, 1607-FSM, 6607-FSM | Septic Tank |
| 100-N-1 | 100-N-1, HGP Settling Pond | Pond |
| 100-N-3* | 100-N-3, Maintenance Garage French Drain, Maintenance Garage Waste Water Treatment Unit | French Drain |
| 100-N-4* | 100-N-4, HGP Tile Field | Drain/Tile Field |
| 100-N-5 | 100-N-5, HGP Disposal and Storage Area, HGP Bone Yard | Storage |
| 100-N-41 | 100-N-41, 1701-NE Septic Tank | Septic Tank |
| 100-N-45 | 100-N-45, 1703-N Septic Tank | Septic Tank |
| 100-N-46 | 100-N-46, HGP Diesel Oil Storage Tank | Storage Tank |
| 116-N-1** | 116-N-1, 1301-N Liquid Waste Disposal Facility, 1301-N Crib and Trench | Crib |
| 116-N-2 | 116-N-2, 1310-N Chemical Waste Storage Tank, The Golf Ball, 1310-N Waste Storage Area | Storage Tank |
| 116-N-3** | 116-N-3, 1325-N Liquid Waste Disposal Facility, 1325-N Crib and Trench | Crib |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

**100-NR-1 (continued)**

| | | |
|---|---|---|
| 116-N-4 | 116-N-4, 1300-N Emergency Dump Basin | Retention Basin |
| 118-N-1 | 118-N-1, 100-N Area Silos, 100-N Area Spacer Silos, 118-N, 1303-N Spacer Silos, 1303-N Radioactive Dummy Burial Facility | Silo |
| 120-N-1** | 120-N-1, 1324-NA Percolation Pond | Pond |
| 120-N-2** | 120-N-2, 1324-N Surface Impoundment | Surface Impoundment |
| 120-N-3 | 120-N-3, 163-N Neutralization Pit and French Drain | French Drain |
| 120-N-7 | 120-N-7, 108-N Acid Unloading Facility French Drain | French Drain |
| 124-N-1* | 124-N-1, 124-N-1 Septic Tank, 100-N Sanitary Sewer System No. 1 | Septic Tank |
| 124-N-2 | 124-N-2, 124-N-2 Septic Tank, 100-N Sanitary Sewer System No. 2 | Septic Tank |
| 124-N-3 | 124-N-3, 124-N-3 Septic Tank, 100-N Sanitary Sewer System No. 3 | Septic Tank |
| 124-N-4 | 124-N-4, 100-N Sanitary Sewer System No. 4, 124-N-4 Septic Tank | Septic Tank |
| 124-N-9* | 124-N-9, 124-N-9 Septic Tank, 100-N Sanitary Sewer System No. 9 | Septic Tank |
| 124-N-10* | 124-N-10, 124-N-10 Sanitary Sewer System, 100-N Central Sewer System No. 10, Project H-677 | Sewage Lagoon |
| 128-N-1 | 128-N-1, 100-N Burning Pit, 128-N-1 Burning Pit | Burn Pit |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

**100-NR-1 (continued)**

| | | |
|---|---|---|
| 130-N-1* | 130-N-1, 183-N Backwash Discharge Pond, 126-N-1, 183-N Filter Backwash Pond, | Pond |
| 1908-NE | 1908-NE, HGP Outfall, 1908-NE Building | Outfall |
| 628-2 | 628-2, 100 Area Fire Station Burn Pit | Burn Pit |
| UPR-100-N-1 | UPR-100-N-1, 100-N 1304-N Dump Tank, UN-100-N-1, Emergency Dump Tank Inlet Valve Box Leak | Unplanned Release |
| UPR-100-N-2 | UPR-100-N-2, 100-N FLV-858 Valve Leak, UN-100-N-2 | Unplanned Release |
| UPR-100-N-3 | UPR-100-N-3, Dummy Fuel Transfer Line, UN-100-N-3, Spacer Disposal System Transport Line Leak, UN-116-N-3 | Unplanned Release |
| UPR-100-N-4 | UPR-100-N-4, 1322-A Sump Overflow, UN-100-N-4 | Unplanned Release |
| UPR-100-N-5 | UPR-100-N-5, 1310-N Chemical Waste Storage Tank Leak, UN-100-N-5, 116-N-2 Radioactive Chemical Waste Treatment Storage Facility | Unplanned Release |
| UPR-100-N-6 | UPR-100-N-6, 1 1/2 Inch Chemical Decontam. Waste Drain Line Leaks, UN-100-N-6, UN-116-N-6, Chemical Decontamination Waste Drain Line Leak | Unplanned Release |
| UPR-100-N-7 | UPR-100-N-7, Ten-inch Radioactive Drain Return Line Leak, UN-116-N-7, UN-100-N-7 | Unplanned Release |
| UPR-100-N-8 | UPR-100-N-8, 1322-A Sump Overflow, UN-100-N-8 | Unplanned Release |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

**100-NR-1 (continued)**

| | | |
|---|---|---|
| UPR-100-N-9 | UPR-100-N-9, 119-N Cooling Water Drain Line Leak, UN-100-N-9 | Unplanned Release |
| UPR-100-N-10 | UPR-100-N-10, 100-N Area 105-N Check Valve, UN-100-N-10, Lift Station Gravity Drain Line Leak | Unplanned Release |
| UPR-100-N-11 | UPR-100-N-11, Five Hundred Pound Valve Bonnet Contamination in Uncontrolled Area, 100-N Area Valve Bonnet, UN-100-N-11 | Unplanned Release |
| UPR-100-N-12 | UPR-100-N-12, Spacer Transport Line Leak, UN-100-N-12 | Unplanned Release |
| UPR-100-N-13 | UPR-100-N-13, 1314-N Loading Station, 1314-N Drywell Overflow, UN-100-N-13 | Unplanned Release |
| UPR-100-N-14 | UPR-100-N-14, 119-N Drain System Leak, UN-100-N-14 | Unplanned Release |
| UPR-100-N-17 | UPR-100-N-17, 166-N Diesel Oil Supply Line Leak, UN-100-N-17 | Unplanned Release |
| UPR-100-N-18 | UPR-100-N-18, 166-N Four-inch Diesel Oil Supply Line to 184-N Leak, UN-100-N-18 | Unplanned Release |
| UPR-100-N-19 | UPR-100-N-19, 184-N Day Tank Fuel Oil Spill, UN-116-N-19, UN-100-N-19 | Unplanned Release |
| UPR-100-N-20 | UPR-100-N-20, 166-N Two-inch Diesel Oil Return Line Leak, UN-116-N-20, UN-100-N-20 | Unplanned Release |
| UPR-100-N-21 | UPR-100-N-21, 184-N Diesel Oil Day Tank Overflow, UN-116-N-21, UN-100-N-21 | Unplanned Release |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

**100-NR-1 (continued)**

| | | |
|---|---|---|
| UPR-100-N-22 | UPR-100-N-22, 184-N Diesel Oil Supply Line Leak No. 1, UN-100-N-22, UN-116-N-22 | Unplanned Release |
| UPR-100-N-23 | UPR-100-N-23, 184-N Diesel Oil Supply Line Leak No. 2, UN-100-N-23, UN-116-N-23 | Unplanned Release |
| UPR-100-N-24 | UPR-100-N-24, 166-N Fuel Oil Supply Line Leak, UN-116-N-24, UN-100-N-24 | Unplanned Release |
| UPR-100-N-25 | UPR-100-N-25, Uncontrolled Venting of 1310-N Tank, UN-100-N-25 | Unplanned Release |
| UPR-100-N-26 | UPR-100-N-26, Backflow of Radioactive Waste in 1314-N Facility, UN-100-N-26 | Unplanned Release |
| UPR-100-N-29 | UPR-100-N-29, 1304-N Dump Tank, Emergency Dump Tank Bypass Line Leak, UN-100-N-29 | Unplanned Release |
| UPR-100-N-30 | UPR-100-N-30, 1304-N Dump Tank, Emergency Dump Tank Overflow, UN-100-N-30 | Unplanned Release |
| UPR-100-N-31 | UPR-100-N-31, Radioactive Effluent Water Spill Near 1301-N, UN-100-N-31 | Unplanned Release |
| UPR-100-N-32 | UPR-100-N-32, 1304-N Dump Tank, Emergency Dump Tank Bypass Line Leak, UN-100-N-32 | Unplanned Release |
| UPR-100-N-35 | UPR-100-N-35, 100-N Fuel Basin Drainage System Leak, UN-116-N-35, 105-N Fuel Storage Basin Drainage System Leak, UN-100-N-35 | Unplanned Release |
| UPR-100-N-37 | UPR-100-N-37, HGP Transformer Yard | Unplanned Release |

# Appendix C

Listing by Operable Unit. (Sheet XX of XX)

**Groundwater Operable Units**

| Operable Unit | Lead Regulatory Agency | Past Practice Process |
|---|---|---|
| 100-BC-5 (GW O.U.) | EPA | CPP |
| 100-FR-3 (GW O.U.) | EPA | CPP |
| 100-HR-3 (GW O.U.) | Ecology | CPP |
| 100-KR-4 (GW O.U.) | EPA | CPP |
| 100-NR-2 (GW O.U.) | Ecology | CPP |
| 200-BP-5 (GW O.U.) | EPA | CPP |
| 200-PO-1 (GW O.U.) | Ecology | CPP |
| 200-UP-1 (GW O.U.) | Ecology | CPP |
| 200-ZP-1 (GW O.U.) | EPA | CPP |
| 300-FF-5 (GW O.U.) | EPA | CPP |

* Active waste management units where a hazardous substance has been potentially released or a substantial threat of a release of a hazardous substance exists.
**Treatment Storage and Disposal (TSD) units where closure and permitting activities are to be coordinated with past practice investigation and remediation activities.
† Interim Action Record of Decision for the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-2, 100-IU-6, and 200-CW-3 Operable Units (1999)