AR TARGET SHEET

The following document was too large to scan as one unit; therefore, it has been broken down into sections.

DOCUMENT#	0514817
TITLE	WIDS Sites Included in Submittal 300-FF-2
EDMC#	0053006
SECTION	4 of 4

Waste Site Reclassification Form

Date Submitted: 10/23/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-156
Originator: M. E. Eby	**Waste Site ID:** 400-6	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site consists of a building foundation, sidewalks, and construction and demolition debris. The concrete building found is approximately 23 meters (75 feet) long and 7.6 meters (25 feet) wide. A portion of the building remains standing. That portion is made of painted concrete blocks with a corrugated metal room. The floor slopes to a centered drain. Lumber at the site indicates that the rest of the building may have been of wood construction.

Basis for reclassification:

There is no indication of any hazardous substance at the site. The debris is associated with the construction of the FFTF Complex. Per BHI-00601, "Summary of the 300-FF-2 Operable Unit Data Quality Objective Process", the site is not a CERCLA site.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-7 **Site Reclassification Status: Rejected**

Site Names:	400-7, 4607 SSST, 4607 Sanitary Sewer Septic Tank, 4607 SS, 4607 Sanitary Sewer		
Site Type:	Septic Tank	**Start Date:**	1978
Status:	Active	**End Date:**	1997
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587406.75	
		(N) 123666.508	
		Washington State Plane	

Site Description:

The unit is surrounded by an 2.4 meter (8 foot) high chain-link fence that is topped with three strands of barbed wire. The gate is unlocked and open. The top of a concrete structure with six metal access hatches is located on the west side of the fenced area. The hatches are marked with "Confined Space" signs. The septic tank inlet, which appears to be a circular concrete tank, is located approximately 3 meters (10 feet) from the south end of the concrete structure, just outside of the fence.

Hanford Drawing, H-4-38162, Civil Drawing Index Plot Plan, shows the various components of the system. They are the 4607 Septic Tank (WIDS Site 400-7, 4607 Leaching Field (WIDS Site 400-12), 4607 Sanitary Sewer Lagoon (WIDS Site 400-11). Note that this drawing shows the percolation ponds that belong to the process sewer system (WIDS Site 400 PPSS).

Location Description:

The septic tank is located north of the 400 Area perimeter road, outside the fence. It is just west of the access road to the 4608-B and C Percolation Ponds.

Associated Structures:

The site is associated with underground lines, including the 4903 Sanitary Sewer Main, that runs throughout the 400 Area. The 4607 Sanitary Tile Field (WIDS Site 400-12) and the 4607 Sanitary Sewer Lagoon (WIDS Site 400-11) are also associated with this septic tank.

Site Comment:

When the sanitary tile field failed completely in 1986, a valve pit diversion box was installed and sanitary wastes were routed to the unlined, above ground 4607 Sanitary Sewer Lagoon. The diversion box is located to the northeast of the septic tank. All effluent from 4607 Sanitary Sewer was discharged to the lagoon. As of May 1994, the plan was to install three lined evaporative lagoons just north of the 4607 Sanitary Sewer septic tank to replace the unlined lagoon. However, a decision was made to tie the 400 Area sewer to the sewer system at the Washington Public Power Supply System (WPPSS). Sanitary waste began to transfer to the WPPSS sewer system on April 15, 1997.

The septic tank is currently being retained for use as an emergency holding tank, in the event that service from the WPPSS is interrupted or the tie-line (600-46) integrity is compromised.

Cleanup Activities:

During deactivation, the inlet valve to the tank was closed and the inlet line was grouted. Septage within the tank was disposed at the 100N Sanitary sewage lagoon. The accessible surfaces in the interior of the tank were pressure washed. The residual wastewater after pressure washing was also disposed at the 100N Sanitary Sewage lagoon.

Environmental Monitoring Description:

Sanitary sewer effluent produced in the 400 Area has been monitored routinely since 1980 for ammonia, chloride, phosphate, lead, zinc, cadmium, mercury, and pH levels.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 5/10/95, Civil Drawing Index Plot Plan, H-4-38162.
3. 5/10/95, Civil Profiles Sanitary Sewer Main, H-4-38165.
4. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
5. C.R. Webb, 10-7-98, Interviews with Mark Eby during 400 Area Site Walkdowns.
6. CR Webb, 12-2-98, Telephone Conversation with Jeff Thornock related to the 400 Area Sewer Line diversion to the WPPSS Sewer System.
7. JE Rasmussen, 6-12-97, From JE Rasussen to Steve Skurla related to State Waste Discharge Permit Application for the 400 Area Septic System, 97-SID-243.
8. Curt J. Clement, 1/21/99, Electronic Mail from Curt J. Clement regarding more information on sites 400-7, 400-12, and 4722-C FD.
9. J. E. Rasmussen, DOE to J. L. Hensley, Ecology, 6/19/97, 400 Area Septic System Closure, 97-EAP-501.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: Septic

TPA Appendix: Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: Site personnel report that this unit receives all sanitary wastes from 400 Area buildings except the wastes from a few trailers serviced by the 4608 Sanitary Sewer. The tank was designed to handle a flow rate of 230,000 liters per day (60,000 gallons per day). Reported flow rates include 23,000,000 liters per year (6,000,000 gallons per year), 57,000 liters per day) 15,000 gallons per day, 42,000 to 49,200 liters per day (11,000 to 13,000 gallons per day) of effluent, and 87,400 liters per day (23,100 gallons per day) of "influent and effluent." From 1978 to 1986, effluent was discharged through an underground 20 centimeter (8 inch)

PVC pipe to the 4607 Sanitary Tile Field.

References:
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998 **Field Crew:** Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: The site looks the same as it did in 1994, although Mark Eby stated the 400 Area sewer system has recently been tied into the sewer system at WPPSS.

Site Cover: Moderate Vegetation

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References:
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98
Pathname: \\bhi002\esd-img\400\1774\1774_01.JPG
Description: This photo shows the circular, concrete inlet structure.

Date Taken: 10/7/98
Pathname: \\bhi002\esd-img\400\1774\1774_02.JPG
Description: This photo shows the top of the septic tank with six hatches marked with Confined Space signs.

Date Taken: 1/1/94
Pathname: \\bhi002\esd-img\400\1774\1774_03.JPG
Description: This photo shows waste site 400-7. This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-9.

Date Taken: 1/1/94
Pathname: \\bhi002\esd-img\400\1774\1774_04.JPG
Description: This photo shows waste site 400-7. This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-8.

Waste Site Reclassification Form

Date Submitted: 12/4/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-222
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 400-7	
Phone: (509) 376-7053	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is surrounded by an 2.4 meter (8 foot) high chain-link fence that is topped with three strands of barbed wire. The gate is unlocked and open. The top of a concrete structure with six metal access hatches is located on the west side of the fenced area. The hatches are marked with "Confined Space" signs. The septic tank inlet, which appears to be a circular concrete tank, is located approximately 3 meters (10 feet) from the south end of the concrete structure, just outside of the fence.

When the sanitary tile field failed completely in 1986, a valve pit diversion box was installed and sanitary wastes were routed to the unlined, aboveground 4607 Sanitary Sewer Lagoon. The diversion box is located to the northeast of the septic tank. All effluent from 4607 Sanitary Sewer was discharged to the lagoon. As of May 1994, the plan was to install three lined evaporative lagoons just north of the 4607 Sanitary Sewer septic tank to replace the unlined lagoon. However, a decision was made to tie the 400 Area sewer to the sewer system at the Washington Public Power Supply System (WPPSS). This was accomplished in April 1997.

The septic tank is currently being retained for use as an emergency holding tank, in the event that service from the WPPSS is interrupted or the tie-line (600-46) integrity is compromised.

Basis for reclassification:

No evidence exists to indicate hazardous, dangerous, or radioactive waste was disposed at this site.

S T Berven	Stan T. Berven	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-8 | **Site Reclassification Status: Rejected** |

Site Names: 400-8, Construction Material Dumping Area (North of FFTF)

Site Type: Dumping Area

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 587342.375

(N) 123495.359

Washington State Plane

Site Description: Currently, the dumping area appears as a field that is a partially covered with vegetation and strewn with debris. The debris consists primarily of construction and demolition waste. There are no boundaries to clearly define the size of the dumping area.

Location Description: The site is located north of the perimeter road that runs along the 400 Area's north side. It is northwest of the 405 Reactor building.

Associated Structures: The site was associated with the construction of the FFTF.

Site Comment: A site visit in October 1998 found the site to be unchanged from the 1994 site visit description.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
3. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
4. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Dimensions:

Length:	30.48 Meters	100.00 Feet
Width:	30.48 Meters	100.00 Feet

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No

Air Operating Permit: No **Inert Landfill:** No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Construction Debris

Category: Nondangerous/nonradioactive

Physical State: Solid

Description: Material dumped at the site includes tires, concrete rubble, metal fencing, rebar, metal grating, sheet metal, piping, and metal scraps.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998 **Field Crew:** Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: The site is unchanged from the 1994 site visit description.

Site Cover: Moderate Vegetation

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** Yes

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1775\1775_01.JPG

Description:	Photo shows miscellaneous debris dumped in this area.
Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1775\1775_02.JPG
Description:	This image shows waste site 400-8. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-15.

Waste Site Reclassification Form

Date Submitted: 10/23/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-160
Originator: M. E. Eby	**Waste Site ID:** 400-8	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Currently, the dumping area appears as a field that is a partially covered with vegetation and strewn with debris. The debris consists primarily of construction and demolition waste. There are no boundaries to clearly define the size of the dumping area.

Basis for reclassification:

There is no indication of any hazardous substance at the site. The debris is associated with the construction of the FFTF Complex. Per BHI-00601, "Summary of the 300-FF-2 Operable Unit Data Quality Objective Process", the site is not a CERCLA site.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-9 **Site Reclassification Status: Rejected**

Site Names:	400-9, 400 RPSSTP, 400 Area Retired Portable Sanitary Sewer Treatment Plant		
Site Type:	Sanitary Sewer	**Start Date:**	1972
Status:	Inactive	**End Date:**	1979
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587352.938	
		(N) 122997.43	
		Washington State Plane	

Site Description: The site was a temporary sanitary sewage treatment plant. There is no visible evidence from the surface of the underground lines that remain in place, the removed treatment plant, or the backfilled pond.

Location Description: The site is located just east of the 4701-C Guard Station site.

Associated Structures: 400 Area Retired Sanitary Pond and Underground Lines Associated with the 400 Area Retired Portable Sanitary Sewage Treatment Plant.

Site Comment: During the 1970's, a portable sanitary sewage treatment plant was located northeast of the 400 Area Retired Sanitary Pond. The plant, pond, and associated underground lines comprised the original sanitary sewer system for the 400 Area. The site received sanitary wastes from several toilet facilities and drains in the eastern and southern portions of the area. The treatment plant was removed from the site after it ceased operation, and the pond was backfilled. However, the underground lines were abandoned in place.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 5/10/95, 400 Area Outside Lines, Sewers, H-4-152051, Sht 6.
3. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: Septic
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: Approximately 45,000 liters per day (12,000 gallons per day) of aqueous effluent from the treatment plant was transferred through underground lines to the pond, which was located just west of the current 4706 Building site. An unknown amount of that effluent leaked from sanitary sewer manholes and the outfall prior to late 1975 or early 1976. Nonhazardous sludges from the treatment plant were hauled offsite for disposal.
References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Unplanned Releases:

Release Name:
Reported Date: Early 1970s **Occurrence Rpt #:**
Begin Date: **Ref. Site Code:**
End Date: 1975
Description: During a period of heavy construction in the 400 Area, leakage was discovered at sanitary sewer manholes and, occasionally, at the outfall. The precise locations of the leaks are not known. Backfill material was used to cover leak locations, and blacktop or concrete was also poured in certain areas. The system stabilized in late 1975 or early 1976.
References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Waste Site Reclassification Form

Date Submitted: 10/23/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 159
Originator: M. E. Eby	**Waste Site ID:** 400-9	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was a temporary sanitary sewage treatment plant. There is no visible evidence from the surface of the underground lines that remain in place, the removed treatment plant, or the backfilled pond.

During the 1970's, a portable sanitary sewage treatment plant was located northeast of the 400 Area Retired Sanitary Pond. The plant, pond, and associated underground lines comprised the original sanitary sewer system for the 400 Area. The site received sanitary wastes from several toilet facilities and drains in the eastern and southern portions of the area. The treatment plant was removed from the site after it ceased operation, and the pond was backfilled. However, the underground lines were abandoned in place.

Basis for reclassification:

There is no indication of any hazardous substance at the site. The debris is associated with the construction of the FFTF Complex. Per BHI-00601, "Summary of the 300-FF-2 Operable Unit Data Quality Objective Process", the site is not a CERCLA site.

Douglas H. Chapin	Douglas H. Chapin	12/2/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-10 **Site Classification: Rejected** Page 1

Site Names: 400-10, 400 FD11, 400 Area French Drain #11, 453B Switch Gear Pad Stormwater, Miscellaneous Stream #26, Injection Well #11

Site Type: French Drain

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date: 1979

End Date:

Coordinates:

(E) 587544.812

(N) 123043

Washington State Plane

Site Description: The site is a french drain. The visible portion is a 38 centimeter (15 inch) tall metal pipe, 10 centimeters (4 inches) in diameter. On two sides are 20.32 centimeter (8 inch) tall metal bars that are connected by a cross member. The drain is surrounded by four 1.2 meter (4 foot) tall yellow steel posts and is in the middle of a gravel covered field. The pipe is capped with a metal plug that has a raised square on top.

Location Description: The drain is located approximately 52.4 meters (172 feet) south of the 408C West Dump Heat Exchanger (DHX), and (21.3 m) west of the 408B South Dump Heat Exchanger (DHX), and southeast of WIDS Site 400 FD5. This location is west of the 453B switch gear pad and south of the 402 Building.

Associated Structures: The site is related to the 453-B Switch Gear Pad.

Site Comment: Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. Process Sewer Dry Well System, H-4-14647.
3. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
4. 4/5/95, Revised Inventory of Miscellaneous Streams, WHC-SD-EN-EV-014.
5. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
6. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
7. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
8. 1996, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42 (Decisional Draft).
9. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No **216/218 Permit:** No

RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency:	EPA
Unit Category:	216/218
TPA Appendix:	Other

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Stormwater Runoff
Category:	Nondangerous/nonradioactive
Physical State:	Liquid
Start Date:	1980
Description:	The unit receives stormwater from the 453-B Switchgear Pad. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute).
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00. 2. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1. 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type:	Site Walkdown		
Begin Date:	09/29/1998	**Field Crew:**	Tim Johnson, Tom Dillhoff
End Date:	09/29/1998		
Purpose:	Site verification		
Comment:	The site was found and identified in the mapped location. The site is a 8.9 centimeters (3.5 inches) diameter capped steel pipe surrounded by four yellow steel posts. The site is not located in a depression, is not in an area of known contamination and is not posted.		
Site Cover:	Bare Soil		
Site Accessible:	No	**Site Found:**	No

Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1777\1777_01.JPG

Description: The site drains stormwater from the transformer pad in background.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1777\1777_02.JPG

Description: This image shows 400-10 (400 FD11) in the foreground, 400 FD5 behind it, and 400 FD6 in the rear left of the photo. The Sodium Storage Facility (400-31) was built in the rear area in this photo and covered 400 FD6. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-12.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Discovery Site ID Number: 1777

Site Alias(es): 400-10, 400 FD11, 400 Area French Drain #11, Stream #26

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ◉ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA) and should be entered into WIDS. (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	YES	NO
	○	○
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under Section 3004(u) of RCRA.		
2.a. Is the material at the unit a waste? (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas) **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**	y ○ n ○	
2.b. Is the waste from historical residental activities? (i.e., not from industrial, commercial, mining, agricultural, or community activities)	y ○ n ○	
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act? (i.e., National Pollutant Discharge Elimination System permit)	y ○ n ○	
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**	y ○ n ○	
2.e. Was the waste placed in a discernable unit? (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit) **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**	y ○ n ○	

2.f.	Is the unit the result of routine and systematic discharges? (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.) y ◯ n ◯ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ◯ **NO** ◯
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ◯ n ◯	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact? (e.g., radioactive waste disposal units, pre-RCRA units) y ◯ n ◯ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment? (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)**	**YES** ◯ **NO** ◯
5.	**Is the unit an inactive, contaminated structure?**	**YES** ◯ **NO** ◯
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ◯ **NO** ◯
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)**	**YES** ◯ **NO** ◯

Comments: The french drain receives stormwater runoff only which excludes the site from WIDS as documented in the 1987 HSWMUR.

ERC Data Management Investigator — Date: 1/29/97

Regulatory Compliance Concurrence — Date: 1/30/97

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 400-10 12/2/1998

Site Alias(es): 400-10, 400 FD11, 400 Area French Drain #11, 453B Switch Gear Pad Stormwater, Miscellaneous Stream #26, Injection Well #11

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. **Does the unit receive uncontaminated rainwater runoff only?** y ◉ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	YES	NO
	○	○
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.		
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**	○	○
2.b. Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?	○	○
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?	○	○
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**	○	○
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**	○	○
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	○	○

Site Code:	400-10	12/2/98
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○ **NO** ○
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ○	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ○	
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	**YES** ○ **NO** ○
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○ **NO** ○
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○ **NO** ○
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	**YES** ○ **NO** ○

Comments: The french drain receives stormwater runoff only which excludes the site from WIDS as documented in the 1987 HSWMUR.

ERC Data Management Investigator — Date

Regulatory Compliance Concurrence — Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — Date 12/3/98

Lead Regulatory Agency Concurrence — Date 3 Dec 98

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-11 **Site Reclassification Status: Rejected**

Site Names:	400-11, 4607 SSL, 4607 Sanitary Sewer Lagoon, 400 Area Wetlands		
Site Type:	Pond	**Start Date:**	1986
Status:	Inactive	**End Date:**	1996
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587680.438	
		(N) 123983.477	
		Washington State Plane	

Site Description: The site is a sanitary sewer lagoon that is currently dry. It has been backfilled and vegetated with grasses. The north and west sides are slightly depressed, but the south and east sides slope upward to the surrounding terrain. The adjacent terrain is covered with sagebrush and tumbleweeds. Signs are still present around the perimeter of the lagoon that state "Treated Sewage".

Shortly after the 4607 Sanitary Sewer and the 4607 Sanitary Tile Field began operating in 1978, sanitary effluent began surfacing in the location of the drain field and overflowing into a natural depression nearby. In 1986, the drain field failed completely, causing effluent to overflow through a manhole and enter the depression through a drainage ditch. A valve pit diversion box was subsequently installed to divert the waste stream to the natural depression. It became known as the 4607 Sanitary Sewer Lagoon and the 400 Area Wetlands. The lagoon was deepened, a berm was constructed around it. The existing drainage ditch was backfilled.

Location Description: The lagoon is located northeast of the 4607 Sanitary Sewer septic tank (400-7) and southwest of the 4608-B and C Percolation Ponds (400 PPSS).

Associated Structures: The lagoon was associated with the 4607 Sanitary Sewer (WIDS Site 400-7), 4607 Sanitary Tile Field (WIDS Site 400-12), and the 4903 Sanitary Sewer Main.

Site Comment: Because the lagoon could not be permitted for continuing operation under Washington Administrative Code (WAC) 173-216 regulations, other alternatives were explored. In 1994, a plan was developed to install three, lined evaporative lagoons located north of the 4607 Sanitary Sewer septic tank (400-7). These would replace the unlined lagoon. A conversation with Jeff Thornock in revealed that the plan to build a lined evaporative pond was abandoned when the decision was made to divert the 400 Area sewer system to the WPPSS sewer system. Sanitary waste from the 400 Area was diverted to the WPPSS sewer system on April 15, 1997.

When the 400 Area Septic System was closed, the pond was covered with approximately 0.3 meters (1 foot) of soil to minimize the potential for exposure to pathogens.

Environmental Monitoring Description: Sanitary sewer effluent produced in the 400 Area has been monitored routinely since 1980 for ammonia, chloride, phosphate, lead, zinc, cadmium, mercury, and pH levels.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 5/10/95, Civil Drawing Index Plot Plan, H-4-38162.
4. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
5. JE Rasmussen, 6-12-97, From JE Rasussen to Steve Skurla related to State Waste Discharge Permit Application for the 400 Area Septic System, 97-SID-243.
6. J. E. Rasmussen, DOE to J. L. Hensley, Ecology, 6/19/97, 400 Area Septic System Closure, 97-EAP-501.

Dimensions:

Diameter: 22.86 Meters 75.00 Feet

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: Septic

TPA Appendix: Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: From 1986 to 1996, all sanitary effluent from the 4607 Sanitary Sewer has been discharged from the septic tank to the lagoon. Reported flow rates include 23,000,000 liters per year (6,000,000 gallons per year) in 1987, 57,000 liters per day (15,000 gallons per day) in 1989, 42,000 to 49,200 liters per day (11,000 gallons per day to 13,000 gallons per day) in 1992, and 87,400 liters per day (23,100 gallons per day) of influent and effluent in 1993. The theoretical combined evapotranspiration and percolation rate of the pond, based upon the 1993 flow rate is 187 liters per square meter per day (4.6 gallons per square foot per day).

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 11/06/1998 **Field Crew:** CR Webb, C. Marple

End Date: 11/06/1998

Purpose: Verification

Site Cover: Moderate Vegetation

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

Vegetation Type: Bunchgrasses

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1778\1778_01.JPG

Description: This photo shows waste site 400-11. This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-5.

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1778\1778_02.JPG

Description: This photo shows the dry, grassy area where the inactive lagoon is located. There are still signs that state "Treated Sewage".

Waste Site Reclassification Form

Date Submitted: 12/4/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-223
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 400-11	
Phone: (509) 376-7503	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a sanitary sewer lagoon that is currently dry. It has been backfilled and vegetated with grasses. The north and west sides are slightly depressed, but the south and east sides slope upward to the surrounding terrain. The adjacent terrain is covered with sagebrush and tumbleweeds. Signs are still present around the perimeter of the lagoon that state "Treated Sewage".

Shortly after the 4607 Sanitary Sewer and the 4607 Sanitary Tile Field began operating in 1978, sanitary effluent began surfacing in the location of the drain field and overflowing into a natural depression nearby. In 1986, the drain field failed completely, causing effluent to overflow through a manhole and enter the depression through a drainage ditch. A valve pit diversion box was subsequently installed to divert the waste stream to the natural depression. It became known as the 4607 Sanitary Sewer Lagoon and the 400 Area Wetlands. The lagoon was deepened, a berm was constructed around it. The existing drainage ditch was backfilled. Because the lagoon could not be permitted for continuing operation under Washington Administrative Code (WAC) 173-216 regulations, other alternatives were explored. In 1994, a plan was developed to install three, lined evaporative lagoons located north of the 4607 Sanitary Sewer septic tank (400-7). These would replace the unlined lagoon. A conversation with Jeff Thornock revealed that the plan to build a lined evaporative pond was abandoned when the decision was made to divert the 400 Area sewer system to the WPPSS sewer system. The 400 Area sanitary sewer system diversion to the WPPSS sewer system occurred in April 1997.

Basis for reclassification:

No evidence exists to indicate hazardous, dangerous, or radioactive waste was disposed at this site.

ST Brennan	Stan T. Brennan	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-12 **Site Reclassification Status: Rejected**

Site Names:	400-12, 4607 STF, 4607 Sanitary Tile Field, 4608A Sanitary Sewer Leaching Field, 4608A Leaching Field		
Site Type:	Drain/Tile Field	**Start Date:**	1978
Status:	Inactive	**End Date:**	1986
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587735.875	
		(N) 124026.57	
		Washington State Plane	

Site Description: There are no visible surface features to identify this tile field. The tile field consisted of perforated 10 centimeter (4 inch) diameter PVC pipe that discharged sanitary effluent by gravity. The pipe sloped 0.25 meters for every 30.5 meters (3 inches for every 100 feet) of length. The tile field was filled with 0.3 meters (3 feet) of gravel and was covered with "untreated building paper." Approximately 490 meters (1,600 feet) of PVC pipe connected the tile field with the 4607 Sanitary Sewer septic tank.

Per Curt Clement, Dyncorp, the drain/tile field was abandoned in-place years ago when it originally failed. The tie-in has been plugged.

Location Description: The tile field was located north of the 400 area, outside the security fence and west of the fenced 400 Area Process Ponds.

Process Description: Effluent discharged from the septic tank through an underground PVC pipe to the 4607 Sanitary Tile Field. Numerous problems were encountered with the tile field. Septic tank effluent repeatedly surfaced in the area of the tile field and overflowed into a natural depression nearby (site code 400-11). In 1986, the drain field failed completely, causing effluent to overflow through a manhole and enter the depression through a drainage ditch. A valve pit diversion box was installed to permanently divert the waste stream to the depression.

Associated Structures: The tile field is associated with the 4607 Sanitary Sewer (WIDS Site 400-7), 4607 Sanitary Sewer Lagoon (WIDS Site 400-11), and 4903 Sanitary Sewer Main.

Site Comment: Site personnel report that the north end of the inactive tile field was destroyed in 1991-1992 during the excavation for the underground sanitary sewer tie line connecting the 400 Area sewer to the WPPSS sewer (WIDS Site 600-64). Some pieces of broken PVC piping were visible at the site in May 1994.

Environmental Monitoring Description: Sanitary sewer effluent produced in the 400 Area has been monitored routinely since 1980 for ammonia, chloride, phosphate, lead, zinc, cadmium, mercury, and pH levels.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 5/10/95, Civil Drawing Index Plot Plan, H-4-38162.
3. 5/10/95, Civil Profiles Sanitary Sewer Main, H-4-38165.
4. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
5. 10-15-92, Groundwater Impact Assessment Report for the 400 Area Ponds, WHC-EP-0587.
6. JE Rasmussen, 6-12-97, From JE Rasussen to Steve Skurla related to State Waste Discharge Permit Application for the 400 Area Septic System, 97-SID-243.
7. Curt J. Clement, 1/21/99, Electronic Mail from Curt J. Clement regarding more information on sites 400-7, 400-12, and 4722-C FD.
8. J. E. Rasmussen, DOE to J. L. Hensley, Ecology, 6/19/97, 400 Area Septic System Closure, 97-EAP-501.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	**Confirmed By Program:**	Yes
DOE Division:	SID - Site Infrastructure Division		

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: Septic

TPA Appendix: Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The 4607 Sanitary Sewer received all sanitary wastes from 400 Area buildings except the wastes from a few trailers serviced by the 4608 Sanitary Sewer. Between 1978 and 1986, the tile field received liquid effluent from the 4607 Sanitary Sewer septic tank. The tank may have received effluent at a rate of 23,000,000 liters per year (6,000,000 gallons per year) in 1987, 57,000 liters per day (15,000 gallons per day) in 1989, 42,000 to 49,200 liters per day (11,000 to 13,000 gallons per day) in 1992, and 87,400 liters per day (23,100 gallons per day) in 1993.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date:	11/06/1998	**Field Crew:**	CR Webb, C. Marple
End Date:	11/06/1998		
Purpose:	Verification		
Comment:	There are no visible signs of the tile field.		
References:	1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.		

Images:

Date Taken:	11/6/98
Pathname:	\\bhi002\esd-img\400\1779\1779_01.JPG
Description:	This photo shows the disturbed ground where the 400 Area sewer was re-routed to connect with the WPPSS sewer. Installation of this sewer line destroyed a portion of the 400-12 tile field.

Waste Site Reclassification Form

Date Submitted: 12/4/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 224
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 400-12	
Phone: (509) 376-7053	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

There are no visible surface features to identify this tile field. The tile field consisted of perforated 10 centimeter (4 inch) diameter PVC pipe that discharged sanitary effluent by gravity. The pipe sloped 0.25 meters for every 30.5 meters (3 inches for every 100 feet) of length. The tile field was filled with 0.3 meters (3 feet) of gravel and was covered with "untreated building paper." Approximately 490 meters (1,600 feet) of PVC pipe connected the tile field with the 4607 Sanitary Sewer septic tank.

Effluent discharged from the septic tank through an underground PVC pipe to the 4607 Sanitary Tile Field. Numerous problems were encountered with the tile field. Septic tank effluent repeatedly surfaced in the area of the tile field and overflowed into a natural depression nearby (site code 400-11). In 1986, the drain field failed completely, causing effluent to overflow through a manhole and enter the depression through a drainage ditch. A valve pit diversion box was installed to permanently divert the waste stream to the depression.

Site personnel report that the north end of the inactive tile field was destroyed in 1991-1992 during the excavation for the underground sanitary sewer tie line connecting the 400 Area sewer to the WPPSS sewer (WIDS Site 600-64). Some pieces of broken PVC piping were visible at the site in May 1994.

Basis for reclassification:

No evidence exists to indicate hazardous, dangerous, or radioactive waste was disposed at this site.

S. T. Berven	Ethan T. Brown	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-13 **Site Reclassification Status: Rejected**

Site Names:	400-13, Waste Dumping Site (East of FFTF)		
Site Type:	Dumping Area	**Start Date:**	
Status:	Inactive	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 588241.75	
		(N) 123643.555	
		Washington State Plane	

Site Description: The site is a dumping area. Debris has been dumped in several areas, scattered over an area occupying approximately 1.2 hectares (3 acres). One of the dumping areas was possibly fenced in the past, since two corners are framed by wooden posts with fallen fence rails and chicken-wire fencing.

Location Description: The site is located northeast of the 400 Area, on the east side of a dirt access road. The unit is accessible by a dirt road that begins at the northeast end of the Fast Flux Test Facility (FFTF) Visitor Center parking lot.

Associated Structures: The site is believed to be related to the construction of FFTF.

Site Comment: During the site investigations for the 300-FF-2 Technical Baseline Report, a site employee reported that wastes were buried at or near this location during construction in the 1970's, but believes that the site has been inactive since then. The visible debris begins less than 6 meters (20 feet) south of an area identified as a suspected burial ground (WIDS Site Code 400-4). Additional areas of debris are located east and southeast of the area adjacent to 400-4.

A site visit in October 1998 found the site to be unchanged from the description documented in the 300-FF-2 Technical Baseline Report.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
3. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Misc. Trash and Debris

Category: Nondangerous/nonradioactive

Physical State: Solid

Description: Tree limbs, bags of leaves, and other debris are scattered in several locations along the east side of the dirt access road. Additional areas further away from the road contain fire bricks, black rubber gloves, metal buckets, rusted tin cans, broken glass jars, electrical wiring, metal mesh screening, caulking guns, wood scraps, large chunks of building concrete, semi-circular wooden wall sections, and other waste materials.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998 **Field Crew:** Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: The site is unchanged from the 1994 site visit.

Site Cover: Moderate Vegetation

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** Yes

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1824\1824_01.JPG

Description:	Photo shows some of the debris at this site.
Date Taken:	10/7/98
Pathname:	\\bhi002\esd-img\400\1824\1824_02.JPG
Description:	Photo shows some of the debris in this area.
Date Taken:	10/7/98
Pathname:	\\bhi002\esd-img\400\1824\1824_03.JPG
Description:	Photo show debris and fence posts dumped in this area.
Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1824\1824_05.JPG
Description:	This image shows waste site 400-13. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-19.
Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1824\1824_06.JPG
Description:	This image shows waste site 400-13. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-21.
Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1824\1824_07.JPG
Description:	This image shows waste site 400-13. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-23.

Waste Site Reclassification Form

Date Submitted: 10/20/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-136
Originator: M. E. Eby	**Waste Site ID:** 400-13	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Debris has been dumped in several areas, scattered over an area occupying approximately 1.2 hectares (3 acres). One of the dumping areas was possibly fenced in the past, since two corners are framed by wooden posts with fallen fence rails and chicken-wire fencing.

During the site investigations for the 300-FF-2 Technical Baseline Report, a site employee reported that wastes were buried at or near this location during construction in the 1970's, but believes that the site has been inactive since then. The visible debris begins less than 6 meters (20 feet) south of an area identified as a suspected burial ground (WIDS Site Code 400-4). Additional areas of debris are located east and southeast of the area adjacent to 400-4.

A site visit in October 1998 found the site to be unchanged from the description documented in the 300-FF-2 Technical Baseline Report.

Basis for reclassification:

The waste consists of nondangerous/nonhazardous miscellaneous trash and debris. The waste is tree limbs, bags of leaves, and other debris that are scattered in several locations along the east side of the dirt access road. Additional areas further away from the road contain fire bricks, black rubber gloves, metal buckets, rusted tin cans, broken glass jars, electrical wiring, metal mesh screening, caulking guns, wood scraps, large chunks of building concrete, and semi-circular wooden wall sections. The "Summary of 300-FF-2 Data Quality Objective Process", BHI-00601 lists the site as not requiring any CERCLA action.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-14 **Site Reclassification Status: Rejected**

Site Names: 400-14, Burn Pit (East of FFTF)

Site Type: Burn Pit

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 588380.562

(N) 123582.5

Washington State Plane

Site Description: The 1994 site visit that supported the 300-FF-2 Technical Baseline Report stated the site was a large burn pit containing some visible, fire-scarred debris at the east end. Blown-in tumbleweeds were piled within the pit and some natural vegetation had begun to grow along the pit's walls. The unit's appearance indicated it has not been used for some time.

Location Description: The site is located northeast of the 400 Area, outside the facility fence. The pit is east and southeast of a waste dumping area (WIDS Site Code 400-13), and is southeast of a suspected burial ground (WIDS Site Code 400-4). The unit is accessible by a dirt road that begins at the northeast end of the Fast Flux Test Facility Visitor Center parking lot.

Site Comment: A site walkdown done in October 1998 found the site to be unchanged from the description documented in the 300-FF-2 Technical Baseline Report.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
3. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Dimensions:

Length:	30.48	Meters	100.00	Feet
Width:	15.24	Meters	50.00	Feet
Depth / Height:	4.57	Meters	15.00	Feet

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No

TSD Number: **Septic Permit:** No

Air Operating Permit: No **Inert Landfill:** No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Misc. Trash and Debris

Category: Nondangerous/nonradioactive

Physical State: Solid

Description: Fire-scarred metal mesh screening, rags, wood scraps, and fire bricks are visible within the pit, particularly at its east end.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998 **Field Crew:** Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: The site is unchanged from the 1994 site visit.

Site Cover: Moderate Vegetation

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** Yes

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname:	\\bhi002\esd-img\400\1825\1825_01.JPG
Description:	Photo shows the tumbleweed filled pit with debris at the east end.
Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1825\1825_02.JPG
Description:	This image shows waste site 400-14. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-20.

Waste Site Reclassification Form

Date Submitted: 10/20/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-138
Originator: M. E. Eby	**Waste Site ID:** 400-14	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 1994 site visit that supported the 300-FF-2 Technical Baseline Report stated the site was a large burn pit containing some visible, fire-scarred debris at the east end. Blown-in tumbleweeds were piled within the pit and some natural vegetation had begun to grow along the pit's walls. The unit's appearance indicated it has not been used for some time.

A site walkdown done in October 1998 found the site to be unchanged from the description documented in the 300-FF-2 Technical Baseline Report.

Basis for reclassification:

The waste is nondangerous/nonradioactive miscellaneous trash and debris. Fire-scarred metal mesh screening, rags, wood scraps, and fire bricks are visible within the pit, particularly at its east end. There is no evidence that any hazardous materials were deposited or burned in the pit. The "Summary of 300-FF-2 Data Quality Objective Process", BHI-00601 lists the site as not requiring any CERCLA action.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-16 **Site Reclassification Status: Rejected**

Site Names:	400-16, 4831 Flammable Storage Facility, 4831 FSF		
Site Type:	Storage	**Start Date:**	
Status:	Inactive	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E)	587299.375
		(N)	123309.062
		Washington State Plane	

Site Description: The unit is a yellow, corrugated metal building and a fenced concrete pad to the south. The pad is 6.1 meters (20 feet) wide and 15.2 meters (50 feet) long, surrounded by a 1.8 meter (6 foot) high chain-link fence with a locked gate. The building is about 6.1 meters (20 feet) high, 6.1 meters (20 feet) wide, and 15.2 meters (50 feet) long. A walk-in door and a roll-up door, located on the south side of the building, allow access from the building to the fenced area.

Location Description: The building borders a portion of Texas Street's east end, and is south of the 4831 LHWSA.

Process Description: The building is used to store flammable or combustible products, including lubricants and alcohols.

Site Comment: In 1998, all regulated waste containers were removed from the outdoor, concrete pad. The pad is no longer used for the storage of non-regulated waste or empty containers. The building is still used to store flammable or combustible products.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
3. Tom Dilhoff, Site Information Review of 400 Area Waste Sites.

Dimensions:

Length:	15.24 Meters	50.00 Feet
Width:	12.19 Meters	40.00 Feet

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No

TSD Number: **Septic Permit:** No

Air Operating Permit: No **Inert Landfill:** No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: Decontamination & Decommissioning (D&D)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Barrels/Drums/Buckets/Cans

Category: Nonregulated Waste

Physical State: Solid

Description: In 1994, signs indicated that the fenced area contains nonregulated empty drums, nonregulated waste, and used oil. No hazardous chemicals were stored on the outdoor pad. In 1998, all nonregulated waste containers were removed from the outdoor concrete pad. This pad is no longer used for nonregulated waste or empty containers. The building is used to store flammable or combustible products including lubricants and alcohols.

On 9/8/1998, the facility and nonregulated waste storage pad were walked down by Mr. T. A. Dillhoff (FFTF Environmental Compliance Officer). There was some rust staining on the concrete pad, but no evidence of any chemical leakage

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1854\1854_01.JPG

Description: Photo shows the (yellow) 4831 Flammable Storage Facility. The 4831 LHWSA (the empty concrete storage pad and shed.) is the located north of and adjacent to the 4831 Flammable Storage Facility

Date Taken: 10/21/98

Pathname: \\bhi002\esd-img\400\1854\1854_02.JPG

Description: 4831 Flammable Storage Facility.

Date Taken: 10/21/98

Pathname:	\\bhi002\esd-img\400\1854\1854_03.JPG
Description:	4813 Flammable Storage Facility
Date Taken:	10/21/98
Pathname:	\\bhi002\esd-img\400\1854\1854_04.JPG
Description:	4831 Flammable Storage Facility looking north.
Date Taken:	10/22/98
Pathname:	\\bhi002\esd-img\400\1854\1854_05.JPG
Description:	This image shows waste site 4831 Flammable Storage Facility and the nonhazardous storage area on the south side. This photo was incorrectly used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, for site 4831 LHWSA. Negative # 94040147-6.

Waste Site Reclassification Form

Date Submitted: 10/9/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-089
Originator: M. E. Eby	**Waste Site ID:** 400-16	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ◉	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit consists of a goldenrod yellow, corrugated metal building and a concrete pad that is surrounded by a 1.8 meter (6 foot) high chain-link fence with a locked gate. The building is about 6.1 meters (20 feet) high, 6.1 meters (20 feet) wide, and 15.2 meters (50 feet) long. The concrete pad along the south side of the building is 6.1 meters (20 feet) wide and 15.2 meters (50 feet) long. A walk-in door and a roll-up door, located on the south side of the building, allow access from the building to the fenced area.

Basis for reclassification:

Prior to 1998, the site was used to store nonregulated empty drums, nonregulated waste, and used oil. No hazardous chemicals were stored on the outdoor pad. In 1998, all nonregulated waste containers were removed from the outdoor concrete pad. This pad is no longer used for nonregulated waste or empty containers. Currently, the facility is used to store flammable products, such as lubricating oils and alcohols.

On 9/8/1998, the facility and nonregulated waste storage pad were walked down by Mr. T. A. Dillhoff (FFTF Environmental Compliance Officer). There was some rust staining on the concrete pad, but no evidence of any chemical leakage.

Douglas H. Chapin		12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan		3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-17 **Site Reclassification Status:** Rejected

Site Names:	400-17, Buried Construction Waste Area #1, Buried Construction Waste Area		
Site Type:	Burial Ground	**Start Date:**	1977
Status:	Inactive	**End Date:**	1979
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587059.438	
		(N) 123349.508	
		Washington State Plane	

Site Description: The site is a burial ground. The area shown on SK-4-81543 as a construction waste burial ground is partially covered by the 4843 Building and the 4843 Laydown Area. There is no visible evidence of a burial ground at this location. Areas surrounding the 4843 facilities appear as vegetation-free, gravel-covered fields.

Location Description: The site is located northwest of the 451-B Substation and FMEF. It is partially underneath the 4843 Building and the 4843 Laydown Area.

Associated Structures: The site is associated with the construction of the Fast Flux Test Facility (FFTF).

Site Comment: The 300-FF-2 Technical Baseline Report states this burial ground occupies an irregularly-shaped area ranging from approximate Hanford coordinates W9126.06 to W9593 and S200 to S800.

A site visit in October 1998 found the site appearance to be unchanged from the 1994 site visit.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 400 Area Site Layout Plan - Phase I: Fast Flux Test Facility, SK-4-81543.
3. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
4. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: Decontamination & Decommissioning (D&D)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Construction Debris

Category: Nondangerous/nonradioactive

Physical State: Solid

Start Date: 1977 **End Date:** 1979

Waste Obscured: Under Another Facility/Structure

Description: Site employees report that construction wastes were buried in this unit from "about 1977" to "about 1979."

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998 **Field Crew:** Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: The site is unchanged from the 1994 site visit description.

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1855\1855_01.JPG

Description: Photo shows the equipment storage area located on top of the area where Construction Burial Ground #2 is supposed to be located. There are no visible signs of a burial ground.

Waste Site Reclassification Form

Date Submitted: 10/26/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-169
Originator: M. E. Eby	**Waste Site ID:** 400-17	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a burial ground. The area shown on SK-4-81543 as a construction waste burial ground is partially covered by the 4843 Building and the 4843 Laydown Area. There is no visible evidence of a burial ground at this location. Areas surrounding the 4843 facilities appear as vegetation-free, gravel-covered fields.

Basis for reclassification:

The burial ground was used for the disposal of construction debris, and therefore, it is unlikely to consist of hazardous materials. The "Summary of 300-FF-2 Data Quality Objective Process", BHI-00601 lists the site as not requiring any CERCLA action.

Douglas H. Chapin	Douglas H. Chapin	3/23/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-18 **Site Reclassification Status: Rejected** Page 1

Site Names:	400-18, Buried Construction Waste Area #2, Buried Construction Waste Area		
Site Type:	Burial Ground	**Start Date:**	1972
Status:	Inactive	**End Date:**	1974
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587330.125	
		(N) 123328.531	
		Washington State Plane	

Site Description: The site is a burial ground. The area shown on SK-4-81543 as a construction waste burial ground is partially covered by the 4831 Flammable Storage Facility. There is no visible evidence of a burial ground at this location. The area is now a vegetation-free, gravel-covered field.

Location Description: The site is located northeast of the 451-B Substations and FMEF. It is partially underneath the 4831 Flammable Storage Facility and the 4831 Laydown Hazardous Waste Storage Area (4831 LHWSA).

Associated Structures: The site is associated with the construction of the Fast Flux Test Facility (FFTF).

Site Comment: The 300-FF-2 Technical Baseline Report states this burial ground occupies an irregularly-shaped area ranging from approximate Hanford coordinates S330 to S790 and W8392 to W8700. A drawing indicates that the burial ground was located underneath the "future" site for the "4224 Flammable Storage Building." A site employee reports that he was told that a fire had occurred at this burial ground, leaving a portion of the burial ground potentially unstable and "still settling." However, no documentation has been found to support this information.

A site visit in October 1998 found the site unchanged from the 1994 Site visit description.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 400 Area Site Layout Plan - Phase I: Fast Flux Test Facility, SK-4-81543.
3. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
4. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Construction Debris

Category: Nondangerous/nonradioactive

Physical State: Solid

Start Date: 1972 **End Date:** 1974

Description: Site employees report that construction wastes were buried in this unit from "about 1972" to "about 1974."

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998 **Field Crew:** Chris Webb. Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: The site is unchanged from the 1994 site description.

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1856\1856_01.JPG

Description: Photo shows the large gravel field where the burial ground is supposed to be located. The empty concrete storage pad is in the foreground

Date Taken:	10/7/98
Pathname:	\\bhi002\esd-img\400\1856\1856_02.JPG
Description:	Photo shows the 4831 building and the empty concrete pad located on top of where Construction Burial Ground #1 is supposed to be located. There are no visible signs of a burial ground.

Waste Site Reclassification Form

Date Submitted: 10/26/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-170
Originator: M. E. Eby	**Waste Site ID:** 400-18	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a burial ground. The area shown on SK-4-81543 as a construction waste burial ground is partially covered by the 4831 Flammable Storage Facility. There is no visible evidence of a burial ground at this location. The area is now a vegetation-free, gravel-covered field.

Basis for reclassification:

The types of wastes that are buried at the site are nondangerous/nonradioactive construction waste associated with the building of FFTF. The "Summary of 300-FF-2 Data Quality Objective Process", BHI-00601 lists the site as not requiring any CERCLA action.

Douglas H. Chapman	[signature]	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R Einan	[signature]	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-19 **Site Reclassification Status: Rejected**

Site Names:	400-19, Hazardous Waste Temporary Storage Facility, 400-30, 440 Building 90-Day Waste Accumulation Area		
Site Type:	Storage Pad (<90 day)	**Start Date:**	1993
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587479.25	
		(N) 123370.828	
		Washington State Plane	

Site Description: This facility consists of a tan-painted clearspan steel structure on a concrete pad. The structure's south, west, and north sides consist of steel siding, and its east side consists of 2.4 meter (8 feet) high metal chain-link fencing with two locked gates. It has a weather tight, zinc-coated steel roof with skylights and a full length roof vent. A 13 centimeter (5 inch) high and 15 centimeter (6 inch) wide concrete containment berm runs along the east side of the foundation. The facility's southeast corner is a fenced-off area, designated on drawings as a "Spill Cleanup Equipment Area," that is 3.0 meters (10 feet) long and 2.9 meters (9.67 feet) wide. Its concrete floor is raised about 15 centimeters (6 inches) from the building foundation. A section of this area is used to store clean empty drums for use as waste containers.

Location Description: The site is located south of the 4713-C Building and within the FFTF protected area fence.

Associated Structures: This unit replaced the 4831 LHWSA in December 1993.

Site Comment: This site was combined (as a duplicate) with the 400-30, 440 Building 90-Day Waste Accumulation Area. The structure has no insulation or electrical wiring. A telephone was installed at its south end. A "U"-shaped asphalt access road was constructed on the facility's east side. The site was first used in December 1993.

Access Requirements: Facility Landlord Escort Required

References:

1. R. W. McCullugh and J. R. Cartmell, 8/68, Chronological Record of Significant Events In Separations Operations, ARH-780.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.
4. 7/14/92, Hazardous Waste Temporary Storage Facility, H-4-302003, Sht 1, Rev 0.
5. 7/14/92, Hazardous Waste Temporary Storage Facility, H-4-302003, Sht 2, Rev 0.
6. 7/14/92, Hazardous Waste Temporary Storage Facility, H-4-302003, Sht 3, Rev 0.
7. 7/14/92, Hazardous Waste Temporary Storage Facility, H-4-302003, Sht 4, Rev 0.
8. 7/14/92, Hazardous Waste Temporary Storage Facility, H-4-302003, Sht 5, Rev 0.

Dimensions:

Length:	18.29	Meters	60.00	Feet
Width:	6.10	Meters	20.00	Feet
Depth / Height:	3.66	Meters	12.00	Feet

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 7/14/92, Hazardous Waste Temporary Storage Facility, H-4-302003, Sht 3, Rev 0.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 90-Day Storage Pad/Satellite Accumulation Area

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Barrels/Drums/Buckets/Cans

Category: Hazardous/Dangerous

Physical State: Solid and liquid

Start Date: 1993

Description: The 4831 LHWSA was used to stage oils and other hazardous wastes, including solvents and ethylene glycol. Empty drums that had previously held cooling water treatment chemicals, such as the acutely hazardous Endcor 4690, were also staged at the site. The 440 HWTSF (WIDS Site Code 400-19) replaced the 4831 LHWSA as the 400 Area's less-than-90-day storage area for hazardous wastes. In August 1994, the main portion of the facility contained a white box, labeled "Spill Kit," along with wooden crates and metal cabinets. The "Spill Cleanup Equipment Area" contained several 208 liter (55 gallon) drums.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/21/1998 **Field Crew:** Tim Johnson

End Date: 10/21/1998

Purpose: Site verification

Comment: The site is inside the 440 building. The 440 building is an open steel structure used as a 90 day hazardous waste storage area. Wastes include PCB ballasts and capacitors.

Site Cover:

Site Accessible: No **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 10/21/98

Pathname: \\bhi002\esd-img\400\1857\1857_01.JPG

Description: View of the <90 hazardous waste storage building 440.

Date Taken: 10/21/98

Pathname: \\bhi002\esd-img\400\1857\1857_02.JPG

Description: View of entrance gate to the 440 building <90 day hazardous waste storage building.

Waste Site Reclassification Form

Date Submitted: 10/9/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-084
Originator: M. E. Eby	**Waste Site ID:** 400-19	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

This facility consists of a tan-painted clearspan steel structure on a concrete pad. The structure's south, west, and north sides consist of steel siding, and its east side consists of 2.4 meter (8 feet) high metal chain-link fencing with two locked gates. It has a weather tight, zinc-coated steel roof with skylights and a full length roof vent. A 13 centimeter (5 inch) high and 15 centimeter (6 inch) wide concrete containment berm runs along the east side of the foundation. The facility's southeast corner is a fenced-off area, designated on drawings as a "Spill Cleanup Equipment Area," that is 3.0 meters (10 feet) long and 2.9 meters (9.67 feet) wide. Its concrete floor is raised about 15 centimeters (6 inches) from the building foundation. This area is used to store clean empty drums for use as waste containers. This site replaced the 4831 Laydown Hazardous Waste Storage Area (WIDS Site Code 4831 LHWSA) in 1993.

Basis for reclassification:

The site is an active less than 90-Day Storage Area. As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.I.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

Douglas H. Chapin		12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan		3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-20 **Site Classification: Rejected**

Site Names: 400-20, Altitude Valve Pit T-58, Miscellaneous Stream #31

Site Type: French Drain

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 587528.75

(N) 123185.555

Washington State Plane

Site Description: The site was listed as a french drain located under Altitude Valve Pit T-58. This site is the source location for WIDS Site 400 FD10. Stormwater runs into the drain at the bottom of the stairs and is routed to the french drain, 400 FD10.

Location Description: The Altitude Valve Pit T-58 is located beneath the 482-A Water Storage Tower.

Associated Structures: The site is associated with 482-A, Water Storage Tank T-58, and WIDS Site 400 FD10.

Site Comment: Earlier Miscellaneous Stream reports and the 300-FF-2 Technical Baseline Report have described the Altitude Valve Pits as being french drains. This mistake has been corrected in the current report. The "Inventory of Miscellaneous Streams", Revision 3, lists the stream as deleted as of 8/1997 as a duplicate of Miscellaneous Stream #25 (WIDS Site Code 400 FD10).

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 4/5/95, Revised Inventory of Miscellaneous Streams, WHC-SD-EN-EV-014.
4. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
5. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
6. CR Webb to Tom Dillhoff, 11/15/96, Altitude Valve Pit drains.
7. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type: Site Walkdown

Begin Date: 10/13/1998 **Field Crew:** Tim Johnson, Mark Eby

End Date: 10/13/1998

Purpose: Site verification

Comment: The site is an 20.3 centimeter (8 inch) diameter floor drain located at the bottom of a stairwell. The site receives stormwater only. No contamination was observed at the time of the inspection.

Site Cover:

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 10/13/98

Pathname: \\bhi002\esd-img\400\1929\1929_01.JPG

Description: The site is a floor drain at the bottom of the stairwell in Altitude Valve Pit T-58.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 400-20 12/3/1998

Site Alias(es): 400-20, Altitude Valve Pit T-58, Miscellaneous Stream #31

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	YES	NO
	○	○
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.		
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ○ n ○ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b. Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ○		
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ○		
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○ **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	400-20	12/3/98

3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○ **NO** ○
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ○	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ○ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	**YES** ○ **NO** ○
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○ **NO** ○
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○ **NO** ○
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	**YES** ○ **NO** ○

Comments: Earlier Miscellaneous Stream reports and the 300-FF-2 Technical Baseline Report have described the Altitude Valve Pits as being french drains. This mistake has been corrected in the current streams report. The "Inventory of Miscellaneous Streams", Revision 3, lists the stream as deleted as of 8/1997 as a duplicate of Miscellaneous Stream #25 (WIDS Site Code 400 FD10).

ERC Data Management Investigator — Date: 12/3/98

Regulatory Compliance Concurrence — Date: 12/3/98

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — Date: 12/3/98

Lead Regulatory Agency Concurrence — Date: 3 Dec 98

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-21 **Site Classification: Rejected**

Site Names:	400-21, Altitude Valve Pit T-87, Miscellaneous Stream #32		
Site Type:	French Drain	**Start Date:**	
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E)	587550.062
		(N)	123185.609
		Washington State Plane	

Site Description: The site was listed as a french drain located under Altitude Valve Pit T-58. This site is the source location for WIDS Site 400 FD10A. Stormwater runs into the drain at the bottom of the stairs and is routed to the french drain, 400 FD10A.

Location Description: The Altitude Valve Pit T-87 is located beneath the 482-B Water Storage Tower.

Associated Structures: The site is associated with the 482-B Water Storage Tower, Water Storage Tank T-87, and WIDS Site 400 FD10A.

Site Comment: Earlier Miscellaneous Stream reports and the 300-FF-2 Technical Baseline Report have described the Altitude Valve Pits as being french drains. This mistake has been corrected in the current report. The "Inventory of Miscellaneous Streams", Revision 3, lists the stream as deleted as a duplicate of Miscellaneous Stream #24 (WIDS Site Code 400 FD10A).

Environmental Monitoring Description: No routine monitoring is performed for radioactive or non radioactive constituents.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
4. CR Webb to Tom Dillhoff, 11/15/96, Altitude Valve Pit drains.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category:
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Field Work:

Type: Site Walkdown
Begin Date: 10/13/1998 **Field Crew:** Tim Johnson, Mark Eby
End Date: 10/13/1998
Purpose: Site verification
Comment: The site is an 20.3 centimeter (8 inch) diameter floor drain located at the bottom of a stairwell. The site receives stormwater only. No contamination was observed at the time of the inspection.
Site Cover:
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 10/13/98
Pathname: \\bhi002\esd-img\400\1930\1930_01.JPG
Description: The site is a drain at the bottom of the stairwell to Altitude Valve Pit T-87.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 400-21 12/3/1998

Site Alias(es): 400-21, Altitude Valve Pit T-87, Miscellaneous Stream #32

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	YES	NO
	○	○
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.		
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**	y ○ n ○	
2.b. Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?	y ○ n ○	
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?	y ○ n ○	
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**	y ○ n ○	
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**	y ○ n ○	
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	y ○ n ○	

Site Code:	400-21	12/3/98

		YES	NO
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	○	○
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ○		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ○		
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	YES ○	NO ○
5.	**Is the unit an inactive, contaminated structure?**	YES ○	NO ○
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	YES ○	NO ○
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	YES ○	NO ○

Comments: Earlier Miscellaneous Stream reports and the 300-FF-2 Technical Baseline Report have described the Altitude Valve Pits as being french drains. This mistake has been corrected in the current report. The "Inventory of Miscellaneous Streams", Revision 3, lists the stream as deleted as of 8/1997 as a duplicate of Miscellaneous Stream #24 (WIDS Site Code 400 FD10A).

ERC Data Management Investigator — Date: 12/3/98

Regulatory Compliance Concurrence — Date: 12/3/98

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — Date: 12/3/98

Lead Regulatory Agency Concurrence — Date: 3 Dec 98

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-22 **Site Classification: Rejected**

Site Names: 400-22, Altitude Valve Pit T-330 French Drain, Miscellaneous Stream #30

Site Type: French Drain

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 587482.375

(N) 123269.555

Washington State Plane

Site Description: The site was listed as a french drain located under Altitude Valve Pit T-330. No french drain exists at this location. The waste stream discharges directly to the process sewer. A drain was visually identified by opening the hatch cover and seeing a drain located in the southeast corner of the pit. Water was observed on the floor of the pit. The site is located within a confined space preventing further description of the site at the time of the inspection.

Location Description: The 482-C Water Storage Tower and the T-330 Altitude Valve Pit are located north of the 481-A building and west of the 4713-D building.

Associated Structures: The site is associated with the 482-C Water Storage Tower and the T-330 Water Storage Tank.

Site Comment: Earlier Miscellaneous Stream reports and the 300-FF-2 Technical Baseline Report have described the Altitude Valve Pits as being french drains. This mistake has been corrected in the current report. The "Inventory of Miscellaneous Streams", Revision 3, lists the stream as eliminated and that it discharges directly to the process sewer.

No drawings could be found that verify the existence of a french drain in the valve pit. A visit was made to the 400 Area in December 1996 to try to resolve discrepancies in the french drain information. An engineer in the 481-A building showed us the valve pit and said he did not believe there was a french drain in the pit, but that any water would drain to the process sewer. No drawings could be found that show how the pit is constructed.

Environmental Monitoring Description: No routine monitoring is performed for either radiological or non-radiological constituents. The 1988 "Low Volume Effluent Evaluation" states there is no possibility of radiological contamination.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
4. 2/25/83, 400 Area Sewer Plan, H-4-152050.
5. 4/18/97, Memo from Chris Webb to Linda Dietz : 400 Area French Drain Information Discrepancies.
6. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type: Site Walkdown

Begin Date: 10/05/1998 **Field Crew:** Tim Johnson, Mark Eby

End Date: 10/05/1998

Purpose: Site Verification

Comment: The site is located within a confined space. A confined space entry permit is required for further site description.

Site Cover:

Site Accessible:	No	**Site Found:**	Yes
Soil Discoloration:	No	**Debris Visible:**	No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 10/6/98

Pathname: \\bhi002\esd-img\400\1931\1931_01.JPG

Description: French drain is visible within the Valve Pit (T-330).

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 400-22 12/3/1998

Site Alias(es): 400-22, Altitude Valve Pit T-330 French Drain, Miscellaneous Stream #30

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ◉ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	YES	NO
	○	○
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.		
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**	○	○
2.b. Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?	○	○
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?	○	○
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**	○	○
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**	○	○
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	○	○

Site Code:	400-22	12/3/98

		YES	NO
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	○	○
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ○		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ○		
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	○	○
5.	**Is the unit an inactive, contaminated structure?**	○	○
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	○	○
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	○	○

Comments: Originally, this site was thought to receive stormwater only. The "Inventory of Miscellaneous Streams", Revision 3 lists the stream as eliminated and that it discharges directly to the process sewer.

ERC Data Management Investigator — Date: 12/3/98

Regulatory Compliance Concurrence — Date: 12/3/98

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — Date: 12/3/98

Lead Regulatory Agency Concurrence — Date: 3 Dec 98

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-23 **Site Reclassification Status: Rejected**

Site Names: 400-23, Well Pump P-14 French Drain, Miscellaneous Stream #34, 480-A Pump House French Drain

Site Type: French Drain

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 587503.188

(N) 123458.555

Washington State Plane

Site Description: The site is a square opening in the concrete floor of the 480-A Pumphouse. The site receives leakage from the P-14 Pump. An open 10.2 centimeters (4 inch) diameter pipe was observed at the bottom of the site. The site was dry at the time of the inspection.

Location Description: The 480-A pumphouse is located northeast of the 4713-C building, and northwest of the 437 building. The site is located inside the pumphouse.

Process Description: The 400 Area receives raw water from groundwater wells. Normally, Well 499-S1-8J is the active well that supplies raw water to the water storage tanks (T-330, T-87, T-58).

Pump P-16 is associated with Well 499-S1-8J and by changing the valve positions, water can be pumped to any of the three water storage tanks.

Groundwater wells, 499-SO-8 and 499-SO-7, and their associated pumps, P-14 and P-15 respectively, serve as backup water supply to the 400 Area.

Associated Structures: The site is associated with the 480-A Pumphouse, Well 499-SO-8, Pump P-14 and the Water Storage Tanks (T-330, T-87, and T-58).

Pump P-16 is associated with WIDS Site Code 400-25, Pump P-15 is associated with WIDS Site Code 400-24, and Pump P-14 is associated with WIDS Site Code 400-23.

Site Comment: The french drain is associated with the 480-A Pumphouse. No drawings have been located that describe the french drain construction.

Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Environmental Monitoring Description: The well water from pump P-14 is monitored regularly for radiological and non-radiological contaminants. 1988 data indicates tritium levels to be below radiological effluent guidelines.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 1995, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 0.
4. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
5. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Length:	0.50 Meters	1.64 Feet
Width:	0.50 Meters	1.64 Feet
Depth / Height:	0.20 Meters	0.66 Feet

Site Shape: Square

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	ST 4509
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The french drain receives pump packing leakage from the P-14 well pump. The normal flow rate is 0.038 liters per minute (0.01 gallons per minute).

References:
1. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date:	10/13/1998	**Field Crew:**	Tim Johnson, Mark Eby
End Date:	10/13/1998		
Purpose:	Site verification		
Comment:	Site was found and identified at the mapped location. The french drain is a 48.3 by 48.3 by 20.3 centimeter (19 by 19 by 8 inch) cutout in the floor of the 480-A building. An open pipe was observed in the bottom of the french drain. The site was dry at the time of the inspection.		
Site Cover:			
Site Accessible:	Yes	**Site Found:**	Yes
Soil Discoloration:	No	**Debris Visible:**	No
References:	1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.		

Images:

Date Taken:	10/13/98
Pathname:	\\bhi002\esd-img\400\1932\1932_01.JPG
Description:	French drain inside 480-A building. Site receives leakage from pump P-14.

Waste Site Reclassification Form

Date Submitted: 10/26/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 167
Originator: M. E. Eby	**Waste Site ID:** 400-23	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a square opening in the concrete floor of the 480-A Pumphouse. The site receives leakage from the P-14 Pump. An open 10.2 centimeters (4 inch) diameter pipe was observed at the bottom of the site. The site was dry at the time of the inspection.

Basis for reclassification:

The french drain receives pump packing leakage from the P-14 well pump. The normal flow rate is 0.038 liters per minute (0.01 gallons per minute).

Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-24 **Site Reclassification Status: Rejected**

Site Names: 400-24, Well Pump P-15 French Drain, Miscellaneous Stream #35

Site Type: French Drain

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 587652.5

(N) 123458.953

Washington State Plane

Site Description: The site is a rectangular opening in the concrete floor of the 480-B Pumphouse. The site receives leakage from the P-15 Pump. An open 10.2 centimeter (4 inch) diameter pipe was observed at the bottom of the site. The site was dry at the time of the inspection.

Location Description: The site is located inside the 480-B pump house. The 480-B is located northeast of the 437 Building.

Process Description: The 400 Area receives raw water from groundwater wells. Normally, Well 499-S1-8J is the active well that supplies raw water to the water storage tanks (T-330, T-87, T-58).

Pump P-16 is associated with Well 499-S1-8J and by changing the valve positions, water can be pumped to any of the three water storage tanks.

Groundwater wells, 499-SO-8 and 499-SO-7, and their associated pumps, P-14 and P-15 respectively, serve as backup water supply to the 400 Area.

Pump P-16 ia associated with WIDS Site Code 400-25, Pump P-15 is associated with WIDS Site Code 400-24, and Pump P-14 is associated with WIDS Site Code 400-23.

Associated Structures: The site is associated with the 480-B Pumphouse, Well 499-SO-7, Pump P-15 and the Water Storage Tanks (T-330, T-87, and T-58).

Pump P-16 is associated with WIDS Site Code 400-25, Pump P-15 is associated with WIDS Site Code 400-24, and Pump P-14 is associated with WIDS Site Code 400-23.

Site Comment: No drawings have been located that show the french drain construction. The french drain is associated with well pump P-15 of the 480-B Pumphouse.

Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Environmental Monitoring Description: The well water from pump P-15 is regularly monitored for radioactive and non-radioactive constituents. 1988 data indicates tritium levels to be below radiological effluent guidelines

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 1995, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 0.
4. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
5. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Length:	0.53 Meters	1.75 Feet
Width:	0.30 Meters	1.00 Feet
Depth / Height:	0.27 Meters	0.90 Feet

Site Shape: Rectangle

References:

1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	ST 4509
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: This french drain receives groundwater well water leakage from pump P-15. The flow rate for this french drain is less than 0.038 liters per minute (0.01 gallons per minute).

References:
1. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 10/13/1998 **Field Crew:** Tim Johnson, Mark Eby

End Date: 10/13/1998

Purpose: Site verification

Comment: Site was found and identified at the mapped location. The french drain is a 43.3 by 30.5 by 27.9 centimeter (21 by 12 by 11 inch) cutout in the floor of the 480-B building. An open pipe was observed in the bottom of the french drain. The site was dry at the time of the inspection.

Site Cover:

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 10/13/98

Pathname: \\bhi002\esd-img\400\1933\1933_01.JPG

Description: French drain located inside the 480-B building. Site receives leakage from Well Pump P-15.

Waste Site Reclassification Form

Date Submitted: 10/26/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-166
Originator: M. E. Eby	**Waste Site ID:** 400-25	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an active french drain constructed of concrete and covered with a steel lid. There is no known contamination at the site, and there were no postings. The site is actively receiving water. The water level in the french drain was 0.46 meters (1.5 feet) deep at the time of the inspection (10/5/1998).

Basis for reclassification:

The french drain receives groundwater well pump packing leakage from the P-16 pump. The well is used to supply drinking and process water for the 400 Area. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute).

Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-25 **Site Reclassification Status: Rejected**

Site Names: 400-25, Well Pump P-16 French Drain, Miscellaneous Stream #36

Site Type: French Drain

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 587523.562

(N) 123293.312

Washington State Plane

Site Description: The site is an active french drain constructed of concrete and covered with a steel lid. There is no known contamination at the site, and there were no postings. The site is actively receiving water. The water level in the french drain was 0.46 meters (1.5 feet) deep at the time of the inspection (10/5/1998).

Location Description: The french drain is located northwest of the 4713-D building and east of the P-16 Pump House.

Process Description: The 400 Area receives raw water from groundwater wells. Normally, Well 499-S1-8J is the active well that supplies raw water to the water storage tanks (T-330, T-87, T-58).

Pump P-16 is associated with Well 499-S1-8J and by changing the valve positions, water can be pumped to any of the three water storage tanks.

Groundwater wells, 499-SO-8 and 499-SO-7, and their associated pumps, P-14 and P-15 respectively, serve as backup water supply to the 400 Area.

Associated Structures: The site is associated with the 480-D Pumphouse, P-16 Pump, Well 499-S1-8J, and the Water Storage Tanks (T-330, T-87, T-58).

Pump P-16 is associated with WIDS Site Code 400-25, Pump P-15 is associated with WIDS Site Code 400-24, and Pump P-14 is associated with WIDS Site Code 400-23.

Site Comment: The 1988 "Low Volume Effluent Evaluation" Report and the 300-FF-2 Operable Unit Technical Baseline Report both have incorrectly identified the french drain as being associated with the 480-C pumphouse. It is actually the 480-D pumphouse. No drawings have been located that show the french drain 's construction details or date of operation.

Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 5/10/95, Flow Diagram Service Piping Well Water Pumps & Storage Tanks SYS 23 Released "As Built", H-4-11169.
4. 1995, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 0.
5. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Depth / Height:	0.46 Meters	1.50 Feet
Diameter:	0.70 Meters	2.30 Feet
Site Shape:	Circle	
References:		

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	ST 4509
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The french drain receives groundwater well pump packing leakage from the P-16 pump. The well is used to supply drinking and process water for the 400 Area. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute).

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 10/05/1998 **Field Crew:** Tim Johnson, Mark Eby

End Date:	10/05/1998
Purpose:	Site verification
Comment:	The site is an active french drain for raw water that is used for drinking and process water.
Site Cover:	Gravel or Rock
Site Accessible:	Yes
Site Found:	Yes
Soil Discoloration:	No
Debris Visible:	No
References:	1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

images:

Date Taken:	10/6/98
Pathname:	\\bhi002\esd-img\400\1934\1934_01.JPG
Description:	P-16 Pump House french drain.
Date Taken:	10/6/98
Pathname:	\\bhi002\esd-img\400\1934\1934_02.JPG
Description:	View of french drain with steel cover removed.
Date Taken:	10/6/98
Pathname:	\\bhi002\esd-img\400\1934\1934_03.JPG
Description:	View of french drain with cover removed.

Waste Site Reclassification Form

Date Submitted: 10/26/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 168
Originator: M. E. Eby	**Waste Site ID:** 400-24	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a rectangular opening in the concrete floor of the 480-B Pumphouse. The site receives leakage from the P-15 Pump. An open 10.2 centimeter (4 inch) diameter pipe was observed at the bottom of the site. The site was dry at the time of the inspection.

Basis for reclassification:

This french drain receives groundwater well water leakage from pump P-15. The well is used to supply drinking and process water for the 400 Area. The flow rate for this french drain is less than 0.038 liters per minute (0.01 gallons per minute).

Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Douglas H. Chapman		12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Ethan		3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-26 **Site Classification: Rejected** Page 1

Site Names:	400-26, 451-A Substation and B/N Plant French Drain		
Site Type:	French Drain	**Start Date:**	1979
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587465.625	
		(N) 123169.648	
		Washington State Plane	

Site Description: This site consists of two drains located in the bottom of Electrical Manhole #1. These drains remove stormwater.

Location Description: Electrical Manhole #1 is located in the southeast corner of the 451 Substation.

Associated Structures: The site is associated with the 451-A Substation and 400 Area B/N Plant.

Site Comment: This french drain was described in the "Low Volume Effluent Evaluation" Report (Milikan 1988). A review of documents and drawings has identified two drains constructed of a 10.2 centimeter (4 inch) diameter 0.46 meters (1.5 feet) long pipe set in a 0.084 cubic meter (3 cubic foot) pocket of gravel.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.

Dimensions:

Depth / Height:	0.46 Meters	1.50 Feet
Diameter:	0.10 Meters	0.33 Feet
Est. Volume:	0.08 cuMeters	3.00 cuFeet
Site Shape:	Circle	
References:		

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No

Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: This unit receives intermittent discharges of stormwater from the 451-A Substation and the 400 Area B/N plant. It has a normal flow rate of zero.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/05/1998 **Field Crew:** Tim Johnson, Mark Eby

End Date: 10/05/1998

Purpose: Site verification

Comment: The site was not accessible at the time of inspection. The site is posted as confined space and is located within 451-A Substation switchyard. There is no known contamination at the site.

Site Cover:	Gravel or Rock		
Site Accessible:	No	**Site Found:**	No
Soil Discoloration:	No	**Debris Visible:**	No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

images:

Date Taken: 10/6/98

Pathname: \\bhi002\esd-img\400\1935\1935_01.JPG

Description: View of site within the 451-B Substation.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Discovery Site ID Number: 1935

Site Alias(es): 400-26, 451-A Substation and B/N Plant French Drain

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ◉ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA) and should be entered into WIDS. (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	YES	NO
	○	○
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under Section 3004(u) of RCRA.		
2.a. Is the material at the unit a waste? (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas) y ○ n ○ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b. Is the waste from historical residental activities? (i.e., not from industrial, commercial, mining, agricultural, or community activities) y ○ n ○		
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act? (i.e., National Pollutant Discharge Elimination System permit) y ○ n ○		
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○ **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e. Was the waste placed in a discernable unit? (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit) y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		

2.f.	Is the unit the result of routine and systematic discharges? (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.) y ◯ n ◯ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ◯ **NO** ◯
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ◯ n ◯	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact? (e.g., radioactive waste disposal units, pre-RCRA units) y ◯ n ◯ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment? (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)**	**YES** ◯ **NO** ◯
5.	**Is the unit an inactive, contaminated structure?**	**YES** ◯ **NO** ◯
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ◯ **NO** ◯
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)**	**YES** ◯ **NO** ◯

Comments: The french drain receives rainwater runoff only which is excluded from WIDS as documented in the 1987 HSWMUR.

ERC Data Management Investigator — Date: 1/29/97

Regulatory Compliance Concurrence — Date: 1/30/97

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-28 **Site Classification: Rejected** Page 1

Site Names:	400-28, FFTF Dichlorodifluoromethane Releases		
Site Type:	Unplanned Release	**Start Date:**	
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 0	
		(N) 0	
		Washington State Plane	

Site Description: The sites are "fugitive airborne emissions" from eight centrifugal chiller units at the Fast Flux Test Facility (FFTF). These units are used to provide cooling for personnel and equipment. Each chiller unit contains up to 3,000 pounds of dichlorodifluoromethane.

Release Description: The refrigerant dichlorodifluoromethane, or R-12, has reportedly been released in airborne emissions from the eight chiller units at the Fast Flux Test Facility (FFTF). Approximately, 1000 pounds of refrigerant are released each year (Dahl -1991). In Fiscal Year 1998, the R-12 refrigerant in all eight chillers was replaced with R-134A, which is nonhazardous and non-ozone depleting.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Hazardous/Dangerous

Description: The waste released was dichlorodifluoromethane, R-12, refrigerant. In Fiscal Year 1998, the R-12 refrigerant was replaced by R-134A. This information was reported by the FFTF Technical Point of Contact.

References:

Unplanned Releases:

Release Name: Pressure Boundary Releases (Dahl -1991)

Reported Date: **Occurrence Rpt #:**

Begin Date: **Ref. Site Code:**

End Date:

Description: Catastrophic pressure boundary, or copper tubing, failure results in the release of all the refrigerant from a single chiller. Such failures have occurred several times during FFTF's first 10 years of operation. The failure of the catastrophic pressure boundary has caused the most significant releases of refrigerant.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Unplanned Releases:

Release Name: Normal Equipment Maintenance. (Dahl -1991)

Reported Date: **Occurrence Rpt #:**

Begin Date: **Ref. Site Code:**

End Date:

Description: Normal equipment maintenance causes releases because during periodic maintenance refrigerant must be removed and the compressor unit completely disassembled. A residual amount of refrigerant remains in the chiller after most has been transferred to storage tanks. This refrigerant is then released when the unit is disassembled.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Unplanned Releases:

Release Name: Leakage from joints and valves. (Dahl -1991)

Reported Date: **Occurrence Rpt #:**

Begin Date: **Ref. Site Code:**

End Date:

Description: Releases occur as a result of leakage from joints and valves on the chillers.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Discovery Site ID Number: 3883

Site Alias(es): 400-28, FFTF Dichlorodifluoromethane Releases

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA) and should be entered into WIDS. (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
	○	◉

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under Section 3004(u) of RCRA.

2.a. Is the material at the unit a waste? (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas) y ○ n ◉

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residental activities? (i.e., not from industrial, commercial, mining, agricultural, or community activities) y ○ n ○

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act? (i.e., National Pollutant Discharge Elimination System permit) y ○ n ○

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit? (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit) y ○ n ○

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f.	Is the unit the result of routine and systematic discharges? (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.) y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○ **NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact? (e.g., radioactive waste disposal units, pre-RCRA units) y ○ n ◉ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment? (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)**	**YES** ○ **NO** ◉
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○ **NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○ **NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)**	**YES** ○ **NO** ◉

Comments: Releases of volatile chemicals do not result in waste management units. Air releases are included in WIDS only if they result in documented surface contamination.

LA Weitz — ERC Data Management Investigator

10-2-96 — Date

Keith Schwab — Regulatory Compliance Concurrence

12/5/96 — Date

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 400-28 12/2/1998

Site Alias(es): 400-28, FFTF Dichlorodifluoromethane Releases

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

		YES	NO
		○	◉
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	400-28	12/2/98

		YES	NO
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	○	◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ◉		
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	○	◉
5.	**Is the unit an inactive, contaminated structure?**	○	◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	○	◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	○	◉

Comments: Releases of volatile chemicals do not result in waste management units. Air releases are included in WIDS as waste management units only if they result in documented surface contamination.

ERC Data Management Investigator — Date

Regulatory Compliance Concurrence — Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — 12/3/98 Date

Lead Regulatory Agency Concurrence — 3 Dec 98 Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-29 **Site Classification: Rejected**

Site Names:	400-29, FFTF PCB Containing Transformers		
Site Type:	Control Structure	**Start Date:**	
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 0	
		(N) 0	
		Washington State Plane	

Site Description: The sites are the 19 electrical transformers within the Fast Flux Test Facility (FFTF) complex containing polychlorinated biphenyls (PCBs). All of the transformers are/were located within buildings or on the roof of buildings. Five of the transformers have been removed and disposed of in accordance with Toxic Substances Control Act (TSCA) regulations.

Location Description: All of the 19 transformers were located within the Fast Flux Test Facility (FFTF) Complex. 14 of the transformers remain in place at the FFTF Complex. 5 of the transformers have been removed.

Release Description: Past releases from the transformers "involved limited seepage from sample ports due to improperly installed fittings" (WHC-EP-0475-1). Additionally, some routine operations result in the release of small amounts of PCBs to the environment. The exact locations of the leakage are unknown, and it is unknown whether or not all 19 transformers were involved. WHC-EP-0475-1 states 0.0 pounds as the quantity of chemical released per year for these 19 transformers. All seepage and drips were cleaned up when discovered.

Release Potential Description: Each of the transformers contain about 2300 kilograms (5,000 pounds) of PCBs. The largest transformer contains approximately 2500 kilograms (5,600 pounds). Catastrophic failure and release of the bulk transformer fluid is likely only in the event of fire and/or accidental rupture of the system. Administrative controls are in place to reduce the risk of these events.

Environmental Monitoring Description: In accordance with the Toxic Substances Control Act of 1976 (TSCA) regulations, periodic visual inspections of the transformers are required to ensure no leakage or transformer degradation. Storage of flammables in the vicinity of the transformers is not allowed and administrative controls restrict activity in the area of the transformers. All transformer drain valves are plugged to prevent inadvertent spillage of the fluid.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. Facility Effluent Monitoring Plan for the Fast Flux Test Facility, WHC-EP-0475-1.

Dimensions:

References:

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Oil

Category: Hazardous/Dangerous

Physical State: Liquid

Description: The waste is transformers containing polychlorinated biphenyl oils (Type is Askarel).

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

SubSites:

SubSite Code: 400-29:1

SubSite Name: 400-29:1, Transformer X-5

Classification: Rejected

ReClassification:

Description: The transformer is located in Room 308 of the 4621E Building, 550 Level.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

SubSite Code: 400-29:2

SubSite Name: 400-29:2, Transformer X-6

Classification: Rejected

ReClassification:

Description: The transformer is located in Room 367 of the 4621W Building, 550 Level.

References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:3
SubSite Name:	400-29:3, Transformer X-7
Classification:	Rejected
ReClassification:	
Description:	The transformer is located in Room 331 of the 4621E Building, 580 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:4
SubSite Name:	400-29:4, Transformer X-9
Classification:	Rejected
ReClassification:	
Description:	The transformer was located on the Roof of the 4621W Building, 580 Level. This transformer has been removed.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:5
SubSite Name:	400-29:5, Transformer X-10
Classification:	Rejected
ReClassification:	
Description:	The transformer was located on the Roof of the 4621W Building, 580 Level. This transformer has been removed.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:6
SubSite Name:	400-29:6, Transformer X-11
Classification:	Rejected
ReClassification:	
Description:	The transformer is located in Room 449 of the 491E Building, 580 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:7
SubSite Name:	400-29:7, Transformer X-12
Classification:	Rejected
ReClassification:	
Description:	The transformer is located in Room 452 of the 491W Building, 580 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:8
SubSite Name:	400-29:8, Transformer X-13
Classification:	Rejected
ReClassification:	
Description:	The transformer is located in Room 457 of the 491W Building, 580 Level.

References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:9
SubSite Name:	400-29:9, Transformer X-14
Classification:	Rejected
ReClassification:	
Description:	The transformer is located on the Roof of the 4621W Building, 580 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:10
SubSite Name:	400-29:10, Transformer X-25
Classification:	Rejected
ReClassification:	
Description:	The transformer is located on the Roof of the 4621W Building, 580 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:11
SubSite Name:	400-29:11, Transformer X-26
Classification:	Rejected
ReClassification:	
Description:	The transformer is located on the Roof of the 4621W Building, 580 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:12
SubSite Name:	400-29:12, Transformer X-28
Classification:	Rejected
ReClassification:	
Description:	The transformer was located in Room 303 of the 4621E Building, 533 Level. This transformer has been removed.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:13
SubSite Name:	400-29:13, Transformer X-29
Classification:	Rejected
ReClassification:	
Description:	The transformer was located in Room 365 of the 4621W Building, 550 Level. This transformer has been removed.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:14
SubSite Name:	400-29:14, Transformer X-30
Classification:	Rejected
ReClassification:	

Description:	The transformer was located in Room 431 of the 491-W Building, 531 Level. This transformer has been removed.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:15
SubSite Name:	400-29:15, Transformer X-59
Classification:	Rejected
ReClassification:	
Description:	The transformer is located in Room 457 of the 491W Building, 580 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:16
SubSite Name:	400-29:16, Transformer X-98
Classification:	Rejected
ReClassification:	
Description:	The transformer is located in Room 457 of the 491W Building, 550 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:17
SubSite Name:	400-29:17, Transformer X-100
Classification:	Rejected
ReClassification:	
Description:	The transformer is located in Room 308 of the 4621E Building, 550 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:18
SubSite Name:	400-29:18, Transformer X-101
Classification:	Rejected
ReClassification:	
Description:	The transformer is located in Room 367 of the 4621W Building, 550 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
SubSite Code:	400-29:19
SubSite Name:	400-29:19, Transformer X-117
Classification:	Rejected
ReClassification:	
Description:	The transformer is located in Room 452 of the 491E Building, 580 Level.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Discovery Site ID Number: 3885

Site Alias(es): 400-29, FFTF PCB Containing Transformers

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA) and should be entered into WIDS. (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
	○	◉

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under Section 3004(u) of RCRA.

2.a. Is the material at the unit a waste? (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas) y ◉ n ○

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residental activities? (i.e., not from industrial, commercial, mining, agricultural, or community activities) y ○ n ◉

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act? (i.e., National Pollutant Discharge Elimination System permit) y ○ n ◉

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ◉

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit? (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit) y ○ n ◉

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f.	Is the unit the result of routine and systematic discharges? (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.) y ○ n ◉ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○ **NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact? (e.g., radioactive waste disposal units, pre-RCRA units) y ○ n ◉ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment? (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)**	**YES** ○ **NO** ◉
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○ **NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○ **NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)**	**YES** ○ **NO** ◉

Comments: (WHC-EP-0475-1) Leaks from "improperly installed fittings" do not constitute routine and systematic discharges. Although "release of small amounts of PCBs to the environment " is indicated, all transformers are either within FFTF Building 405 or on the roof of Building 405. There is no threat to human health or the environment.

K A Deitz — 10/2/96

ERC Data Management Investigator — Date

Keith Schaeler — ~~10/~~ 12/5/96

Regulatory Compliance Concurrence — Date

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 400-29 12/2/1998

Site Alias(es): 400-29, FFTF PCB Containing Transformers

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

		YES	NO
A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)		○	◉
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ◉ n ○ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ◉		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ◉		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ◉ **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ◉ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ◉ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	400-29	12/2/98

3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○ **NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ◉	
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	**YES** ○ **NO** ◉
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○ **NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○ **NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	**YES** ○ **NO** ◉

Comments: (WHC-EP-0475-1) Leaks from "improperly installed fittings" do not constitute routine and systematic discharges. Although "release of small amounts of PCBs to the environment " is indicated, all transformers are either within FFTF Building 405 or on the roof of Building 405. There is no threat to human health or the environment.

ERC Data Management Investigator _____ Date _____

Regulatory Compliance Concurrence _____ Date _____

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

Douglas Hildebrand _____ 12/3/98

DOE-RL Concurrence Date

David R. Einan _____ 3 Dec 98

Lead Regulatory Agency Concurrence Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-32 **Site Reclassification Status: Rejected**

Site Names:	400-32, U.G. Dry Well - North, Construction Dry Well		
Site Type:	French Drain	**Start Date:**	
Status:	Inactive	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 0	
		(N) 0	
		Washington State Plane	

Site Description: The site is a large gravel filled excavation that is labeled on drawing H-4-152051 as "U.G. Dry Well". The dry well is a subsurface structure and is not visible at the surface.

Location Description: The site is located west of the 483 Building.

Associated Structures: The site was associated with the construction of the Fast Flux Test Facility (FFTF).

Site Comment: Drawing number H-4-152051 shows two dotted line circles labeled "U.G. Dry Well". A review of historical 400 Area construction photos has concluded that the dry wells were gravel filled excavations. They received standing water that collected in the reactor foundation excavation during construction. The water was pumped to the dry wells through hoses.

Access Requirements: Facility Landlord Escort Required

References:
1. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
2. Christine Webb, 5/5/97, Telecon: Chris Webb to Bruce Bowman related to U.G. Drywells noted on drawing H-4-152051.
3. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Water
Category:	Nondangerous/nonradioactive
Physical State:	Liquid
Description:	The gravel filled excavation was used to dispose of water that collected in the bottom of the 400 Area foundation excavations during construction.
References:	1. Christine Webb, 5/5/97, Telecon: Chris Webb to Bruce Bowman related to U.G. Drywells noted on drawing H-4-152051.

Field Work:

Type:	Site Walkdown		
Begin Date:	10/21/1998	**Field Crew:**	Tim Johnson, Mark Eby
End Date:	10/21/1998		
Purpose:	Site verification		
Comment:	Site is not mapped and is not visible at site location description.		
Site Cover:	Asphalt		
Site Accessible:	No	**Site Found:**	No
Soil Discoloration:	No	**Debris Visible:**	No
References:	1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.		

Images:

Date Taken:	10/21/98
Pathname:	\\bhi002\esd-img\400\4163\4163_01.JPG
Description:	View of site located on the west side of the 483 building. Site is an underground french drain and is not visible

Waste Site Reclassification Form

Date Submitted: 10/26/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 171
Originator: M. E. Eby	**Waste Site ID:** 400-32	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a large gravel filled excavation that is labeled on drawing H-4-152051 as "U.G. Dry Well". The dry well is a subsurface structure and is not visible at the surface.

Basis for reclassification:

Drawing number H-4-152051 shows two dotted line circles labeled "U.G. Dry Well". A review of historical 400 Area construction photos has concluded that the dry wells were gravel filled excavations. They received standing water that collected in the reactor foundation excavation during construction. The water was pumped to the dry wells through hoses. The site received nondangerous/nonhazardous water from the construction of the Fast Flux Test Facility (FFTF).

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-33 **Site Reclassification Status: Rejected**

Site Names: 400-33, U.G. Dry Well - South, Construction Dry Well

Site Type: French Drain

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 0

(N) 0

Washington State Plane

Site Description: The site is a large gravel filled excavation that is labeled on drawing H-4-152051 as "U.G. Dry Well". The dry well is a subsurface structure and is not visible at the surface.

Location Description: The site is located west of the 408-C Building.

Associated Structures: The site is associated with the construction of the Fast Flux Test Facility (FFTF).

Site Comment: Drawing number H-4-152051 shows two dotted line circles labeled "U.G. Dry Well". A review of historical 400 Area construction photos has concluded that the dry wells were gravel filled excavations. They received standing water that collected in the reactor foundation excavation during construction. The water was pumped to the dry wells through hoses.

Access Requirements: Facility Landlord Escort Required

References:

1. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
2. Christine Webb, 5/5/97, Telecon: Chris Webb to Bruce Bowman related to U.G. Drywells noted on drawing H-4-152051.
3. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The gravel filled excavation was used to dispose of water that collected in the bottom of the 400 Area foundation excavations during construction

References: 1. Christine Webb, 5/5/97, Telecon: Chris Webb to Bruce Bowman related to U.G. Drywells noted on drawing H-4-152051.

Field Work:

Type: Site Walkdown

Begin Date: 10/21/1998 **Field Crew:** Tim Johnson, Mark Eby

End Date: 10/21/1998

Purpose: Site verification

Comment: Site is not visible at the mapped location. No contamination was observed in the area.

Site Cover: Gravel or Rock

Site Accessible: No **Site Found:** No

Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 10/21/98

Pathname: \\bhi002\esd-img\400\4164\4164_01.JPG

Description: View of site is located within the graveled area. Site is not visible.

Waste Site Reclassification Form

Date Submitted: 10/26/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-172
Originator: M. E. Eby	**Waste Site ID:** 400-33	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a large gravel filled excavation that is labeled on drawing H-4-152051 as "U.G. Dry Well". The dry well is a subsurface structure and is not visible at the surface.

Basis for reclassification:

Drawing number H-4-152051 shows two dotted line circles labeled "U.G. Dry Well". A review of historical 400 Area construction photos has concluded that the dry wells were gravel filled excavations. They received standing water that collected in the reactor foundation excavation during construction. The water was pumped to the dry wells through hoses. The site received nondangerous/nonhazardous water from the construction of the Fast Flux Test Facility (FFTF).

Douglas H. Chapin	[signature]	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	[signature]	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-34 **Site Classification: Rejected**

Site Names:	400-34, Northwest Surface Water Drainage Ditch, Miscellaneous Stream #733		
Site Type:	Ditch	**Start Date:**	1982
Status:	Inactive	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 0	
		(N) 0	
		Washington State Plane	

Site Description: A surface water drainage system made of a series of ditches and culverts is shown on drawing H-4-155518 and on H-4-150029. This ditch is shown to be northwest of the 437 building. It is approximately 700 feet in length and exits at the northwest corner of the 400 Area.

Location Description: The ditch was supposed to be located outside of the northwest corner of the 400 Area perimeter fence.

Site Comment: Although the drainage structure is on the H-4-155518 and the H-4-150029 drawings, it was never constructed. Only natural drainage occurs in this area. Stream #733 is listed in "Inventory of Miscellaneous Streams", Revision 3 as deleted.

A site visit in October 1998 found no evidence of a ditch at this location.

References:

1. 1995, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 0.
2. 1/12/82, Surface Water Drainage - 400 Area, H-4-155518.
3. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
4. Chris Webb, 1/14/97, Interview with Bruce Bowman regarding surface water drainage at the 400 Area.
5. Kami Barry to Sandra Alexandra (CC: Christine Webb), 8/1/97, Changes to the 400 Area Miscellaneous Streams.
6. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
7. 8-15-80, Finished Grading, H-4-150029.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998 **Field Crew:** Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: No evidence of a ditch can be seen at the northwest corner of the 400 Area.

Site Cover: Moderate Vegetation

Site Accessible: No **Site Found:** No

Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\4176\4176_01.JPG

Description: Photo shows the area where a ditch was indicated on drawing H-4-155518. No ditch exists at this location.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 400-34 10/28/1998

Site Alias(es): 400-34, Northwest Surface Water Drainage Ditch, Miscellaneous Stream #733

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

		YES	NO
A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)		○	○
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ○ n ○ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ○		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ○		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○ **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO,**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	400-34		10/28/98
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○	**NO** ○
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ○		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ○ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	**YES** ○	**NO** ○
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○	**NO** ○
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○	**NO** ○
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	**YES** ○	**NO** ○

Comments: The site was never constructed. It is listed in the "Inventory of Miscellaneous Streams", Revision 3 as deleted from the report.

ERC Data Management Investigator — Date: 11/16/98

Regulatory Compliance Concurrence — Date: 11-16-98

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — Date: 12/3/98

Lead Regulatory Agency Concurrence — Date: 3 Dec 98

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 400-35 **Site Classification: Rejected**

Site Names:	400-35, Southwest Surface Water Drainage Ditch, Miscellaneous Stream #734		
Site Type:	Ditch	**Start Date:**	1982
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 0	
		(N) 0	
		Washington State Plane	

Site Description: A surface water drainage system exits the southwest section of the 400 Area. This system collects surface water runoff from the area west of the Reactor Area. The system is a series of underground culversts and exposed, cobble ditches. It measures approximately 2750 feet in length. It exits the southwest corner of the reactor area near the 4790 Patrol Headquarters building as an underground pipeline. It turns south for approximately 229 meters (750 feet) along Grant Ave. . It exists the security fence and runs along the FMEF parking area. It then turns to the west along Alabama Blvd. until it reaches the desert southwest of 400 Area.

Location Description: This drainage system is located partly inside and partly outside the southwest section of the 400 Area.

Site Comment: Information related to this effluent discharge will be reported in the Inventory of Miscellaneous Streams as Stream #734.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

References:

1. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
2. 1/12/82, Surface Water Drainage - 400 Area, H-4-155518.
3. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
4. Chris Webb, 1/14/97, Interview with Bruce Bowman regarding surface water drainage at the 400 Area.
5. Kami Barry to Sandra Alexandra (CC: Christine Webb), 8/1/97, Changes to the 400 Area Miscellaneous Streams.
6. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
7. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The unit collects storm water runoff from the west section of the 400 Area Reactor Area.

References:
1. 1/12/82, Surface Water Drainage - 400 Area, H-4-155518.
2. Chris Webb, 1/14/97, Interview with Bruce Bowman regarding surface water drainage at the 400 Area.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998 **Field Crew:** Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: This site walkdown clarified the site description and location.

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\4177\4177_01.JPG

Description: Photo shows the inlet drain, located near the southwest corner of the 4790 Bldg.

Date Taken: 10/7/98

Pathname:	\\bhi002\esd-img\400\4177\4177_02.JPG
Description:	Photo shows the drainage exit pipe that flows into a cobble ditch located south of the FMEF security gate.
Date Taken:	10/7/98
Pathname:	\\bhi002\esd-img\400\4177\4177_03.JPG
Description:	Photo shows the cobble drainage ditch going south of FMEF.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 400-35 10/28/1998

Site Alias(es): 400-35, Southwest Surface Water Drainage Ditch, Miscellaneous Stream #734

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ◉ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	YES	NO
	○	○
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.		
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b. Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?		
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?		
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO,**		
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	400-35	10/28/98

3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○ **NO** ○
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ○	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ○ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	**YES** ○ **NO** ○
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○ **NO** ○
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○ **NO** ○
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	**YES** ○ **NO** ○

Comments: The site receives stormwater runoff which does not qualify for WIDS as documented in the 1987 HSWMUR.

ERC Data Management Investigator — Date: 11/16/98

Regulatory Compliance Concurrence — Date: 11-16-98

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — Date: 12/3/98

Lead Regulatory Agency Concurrence — Date: 3 Dec 98

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 403 FD | **Site Reclassification Status: Rejected** | Page 1

Site Names: 403 FD, Discharge point from the 403 Building, 403 French Drain, 400 Area French Drain Discharge from 403, 400 Area Drain Discharge from 403, Miscellaneous Stream #37

Site Type: Injection/Reverse Well

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date: 1979

End Date:

Coordinates:

(E) 587643.25

(N) 123225.727

Washington State Plane

Site Description: Previously, this discharge point was mistakenly described as a french drain. A 1996 site visit has confirmed that the discharge point is a pipe exiting the northeast side of the 403 Building. The effluent follows an asphalt trough to a drain in the pavement. The pavement drain is part of the 400 Area Stormwater Collection System (reference H-4-38972 and H-4-158520).

Location Description: The site is located on the east side of the 403 Building, just south of the northeast corner.

Process Description: Heating, Ventilation, and Air Conditioning (HVAC) condensate and other liquids flow to a sump inside the 403 building. A sump pump pumps the liquid through the pipe that exits the building.

Associated Structures: The site is related to the 403 Building and the 400 Area

Site Comment: Site personnel report that a french drain does not actually exist. They state that liquid effluents are discharged from the 403 Building through a pipe that exits the building approximately 0.61 meters (2 feet) above ground level, runs vertically along the building's east wall, then stops about 30.5 centimeters (12 inches) above an asphalt chute. The pipe is approximately 3.05 meters (10 feet) from the northeast corner of the building, near door 910. Effluent runs through the 4.6 to 6.1 meter (15 to 20 foot) long chute, travels across 2.4 meters (8 feet) of a sloped asphalt roadway, and flows through a manhole-sized drain in the center of the roadway. The drain is part of the 400 Area Stormwater Collection System. The asphalt chute and the flow path from the chute to the drain are thinly covered with a white material that presumably was deposited when effluent covered the area and then evaporated. A 1997 site visit confirmed a pipe exiting the building as described that lead to a drain in the pavement. Drawings H-4-38972 and H-4-158520 support the description.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. Julie Erickson, WIDS Site Modification: Consolidate 300-FF-2, -3, -4, and 300-IU-1 into 300-FF-2 (#94-277).
5. C.R. Webb, 12/12/96, Interoffice Memo: 400 Area French Drain Location Verification Walk-Down, 040617.
6. 7/18/85, Civil Drainage Plan, H-4-158520, Sht 1.
7. 1/17/80, Plumbing Plans (403 Building), H-4-38972.

Dimensions:

Diameter:	1.22 Meters	4.00 Feet

References:

1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The unit may receive, or may have received air washer blowdown, Heating, Ventilation, and Air Conditioning (HVAC) system condensate, and stormwater from the 403 building, as well as janitorial solutions of water and detergents. The site has been removed from the active list of the "Inventory of Miscellaneous Streams", Revision 3, because the site does not discharge to an engineered disposal unit. The site is part of the 400 Area Stormwater Collection System.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. C.R. Webb, 12/12/96, Interoffice Memo: 400 Area French Drain Location Verification Walk-Down, 040617.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 09/29/1998 **Field Crew:** Tim Johnson and Tom Dillhoff

End Date: 09/29/1998

Purpose: Site verification

Comment: The site was found and identified at the mapped location. There is no known contamination at the site. The effluent is directed from a pipe and roof drain that exits the 403 Building and is conveyed to a storm drain.

Site Cover: Asphalt

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 9/30/98

Pathname: \\bhi002\esd-img\400\1131\1131_01.JPG

Description: The photo shows the effluent discharges from two points on the east side of the 403 building. One discharge is condensate from a 2.25" diameter pipe and the other discharge is stormwater through the 3" by 5" opening from roof drains. The discharge is directed to the storm sewer as shown in the photo.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1131\1131_02.JPG

Description: This image shows waste site 403 FD. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94041032-1.

Waste Site Reclassification Form

Date Submitted: 10/23/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 157
Originator: M. E. Eby	**Waste Site ID:** 403 FD	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Previously, this discharge point was mistakenly described as a french drain. A 1996 site visit has confirmed that the discharge point is a pipe exiting the northeast side of the 403 Building. The effluent follows an asphalt trough to a drain in the middle of a paved road. The pavement drain is part of the 400 Area Stormwater Collection System (reference H-4-38972 and H-4-158520).

Basis for reclassification:

This site was mistakenly thought to discharge to a french drain. Thus, it was included in the "Inventory of Miscellaneous Streams". As of 5/21/97, stream #37 was deleted because the structure is part of the stormwater collection system.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 427 HWSA **Site Reclassification Status: Closed Out**

Site Names: 427 HWSA, 427 Building Fuel Cycle Plant Hazardous Waste Storage Area, 427 Building Fuels and Materials Exam. Facility HWSA

Site Type: Satellite Accumulation Area

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date: 1985

End Date:

Coordinates:

(E) 587240

(N) 123188.695

Washington State Plane

Site Description: Currently, the site described as the active Reusable Oil and Empty Drum Storage Area appears as a concrete pad approximately 9.1 meters (30 feet) long and 4.6 meters (15 feet) wide surrounded by a 2.1 meter (7 foot) high chain link fence with a locked gate.

Location Description: The site was located north of the 427 Building and 4.6 meters (15 feet) inside the Fuels and Materials Examination Facility (FMEF) perimeter fence.

Site Comment: Two documents indicate that the 427 HWSA exists and is located north of the 427 building (FMEF). However, according to the Fuels and Materials Examination Facility (FMEF) hazardous waste engineer, no site known as 427 HWSA exists. A fenced-off pad known as the Reusable Oil and Empty Drum Storage Area is located just north of FMEF and may be the site described by documents as HWSA.

Environmental Monitoring Description: Documented weekly inspections are performed.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 90-Day Storage Pad/Satellite Accumulation Area

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Barrels/Drums/Buckets/Cans

Category: Hazardous/Dangerous

Physical State: Solid

Description: The FMEF hazardous waste engineer indicates the Reusable Oil and Empty Drum Staging Area is used to stage containers of oils and lubricants, as well as empty drums. One report describes the 427 HWSA as a staging area for oils and lubricants. That description fits the Reusable Oil and Empty Drum Staging Area. However, another report states that the 427 HWSA was used as a staging area for ethylene glycol and ammonium hydroxide.

References:
1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/21/1998 **Field Crew:** Tim Johnson

End Date: 10/21/1998

Purpose: Site verification

Comment: No hazardous waste storage area was identified and no hazardous waste was found at the time of the inspection.

Site Cover:

Site Accessible: Yes **Site Found:** No

Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1132\1132_01.JPG
Description:	This image shows waste site 427 HWSA. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94041032-8.
Date Taken:	10/21/98
Pathname:	\\bhi002\esd-img\400\1132\1132_02.JPG
Description:	View of the reusable oil and empty drum storage area.
Date Taken:	10/21/98
Pathname:	\\bhi002\esd-img\400\1132\1132_03.JPG
Description:	View of the 427 HWSA site shows the reusable oil and empty drum storage area and bins of recycleable wood and metal.

Waste Site Reclassification Form

Date Submitted: 10/26/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 173
Originator: M. E. Eby	**Waste Site ID:** 427 HWSA	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ○	
	Closed-Out ◉	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Currently, the site described as the active Reusable Oil and Empty Drum Storage Area appears as a concrete pad approximately 9.1 meters (30 feet) long and 4.6 meters (15 feet) wide surrounded by a 2.1 meter (7 foot) high chain link fence with a locked gate.

Basis for reclassification:

There is confusion about whether this site did/did not exist. As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.I.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R Einan	David R Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 4713-B FD **Site Reclassification Status:** Rejected

Site Names:	4713-B FD, 4713-B French Drain, Miscellaneous Stream #33		
Site Type:	French Drain	**Start Date:**	1979
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587471.125	
		(N) 123048.32	
		Washington State Plane	

Site Description: The unit is a pipe that is 1.5 meters (5 feet) long and 61 centimeters (24 inches) in diameter. The pipe is constructed of concrete and is filled with gravel. The pipe is buried vertically, extends above grade 15.2 centimeters (6 inches) and is covered by a metal grating. Three parallel metal pipes emerge horizontally from the east side of the 4713 Building, then bend 90 degrees downward and end approximately 0.3 meters (1 foot) above the metal grating.

Location Description: The site is located about 1.22 meters (4 feet) east of 4713B.

Process Description: The site is associated with waste water discharges (miscellaneous stream #33) from the 4713B Maintenance Building. In 1996, the sink was disabled to prevent discharge of gray water (waste water excluding sewage) to the french drain. Remaining inputs are infrequent discharges from the 4713B fire sprinkler system and eyewash station.

Associated Structures: The site is related to the 4713B Protected Area Maintenance Building.

Site Comment: The site is related to waste water discharge that will likely be managed under a permit issued by Ecology in 1999.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

Access Requirements: Facility Landlord Escort Required

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
5. 1995, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 0.
6. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
7. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Depth / Height:	1.04 Meters	3.40 Feet
Diameter:	0.70 Meters	2.30 Feet

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	ST 4508
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix: Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: In 1987, the site received approximately 3,785 liters (1,000 gallons) of waste water from lunchroom sinks. In 1988, the french drain received only intermittent discharges and had a normal flow rate of zero. The "Inventory of Miscellaneous Streams", Revision 3, states that the employee sink water and drinking fountain supply have been shut off. The eyewash station is still an active source. Routine maintenance discharges will be covered under ST 4508 (when it is approved by Ecology). The current flow rate (1998) is less than 0.038 liters (0.01 gallons) per minute.

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date:	10/21/1998	**Field Crew:**	Tim Johnson
End Date:	10/21/1998		
Purpose:	Site verification		
Comment:	The site was found and identified at the mapped location. The site was dry and inactive at the time of the inspection. No contamination was observed in the area.		
Site Cover:			
Site Accessible:	Yes	**Site Found:**	Yes
Soil Discoloration:	No	**Debris Visible:**	No
References:	1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.		

Images:

Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1134\1134_01.JPG
Description:	This image shows waste site 4713-B FD. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-6.
Date Taken:	10/21/98
Pathname:	\\bhi002\esd-img\400\1134\1134_02.JPG
Description:	View of 4713B-FD site.

Waste Site Reclassification Form

Date Submitted: 10/8/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-083
Originator: M. E. Eby	**Waste Site ID:** 4713-B FD	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a pipe that is 1.5 meters (5 feet) long and 61 centimeters (24 inches) in diameter. The pipe is constructed of concrete or vitrified clay and is filled with gravel. The pipe is buried vertically, extends above grade 15.2 centimeters (6 inches) and is covered by a metal grating. Three parallel metal pipes emerge horizontally from the east side of the 4713 Building, then bend 90 degrees downward and end approximately 0.3 meters (1 foot) above the metal grating.

Basis for reclassification:

The site is an active unit that receives waste water from the 4713B Building eyewash station and routine maintenance discharges. The current (1998) flow rate is estimated to be less than 0.038 liters (0.01 gallons) per minute.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 4713-B HWSA **Site Reclassification Status: Rejected** Page 1

Site Names:	4713-B HWSA, 4713-B Hazardous Waste Storage Area		
Site Type:	Storage Pad (<90 day)	**Start Date:**	1980
Status:	Active	**End Date:**	1993
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587439.75	
		(N) 123098.938	
		Washington State Plane	

Site Description: The site consists of a 6.1 meters (20 foot) long and 6.1 meters (20 foot) wide concrete pad that is used as a satellite accumulation area. Metal cabinets, 208 liter (55 gallon) drums and a wooden storage box were located on the pad in May, 1994.

Location Description: The site is located on the west side of the 4713-B building mechanical shop on a 6.1 meters by 6.1 meters (20 foot by 20 foot) concrete pad.

Associated Structures: The site is associated with the 4713B Maintenance Building.

Site Comment: This site was a central location for satellite accumulation areas associated with FFTF maintenance activities. A review of the inspection records covering the period from 1991 to 1993 did not indicate any evidence of past leakage at the site.

Environmental Monitoring Description: No monitoring wells exist within 100 meters (328.1 feet) down gradient of the waste site. Air quality data and biota sampling data (vegetation sampling) are collected on a 300 Area- and 400 Area-wide basis as part of the routine environmental surveillance conducted by PNNL

Access Requirements: Facility Landlord Escort Required

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
4. Watson, MS, 7/17/96, Phone Conversation: Mike Watson with Alan Hill regarding the Location and accessibility of 4713-B HWSA.
5. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	**Confirmed By Program:**	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	Other Storage Area

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 90-Day Storage Pad/Satellite Accumulation Area

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Misc. Trash and Debris

Category: Hazardous/Dangerous

Physical State: Solid and Liquid

Start Date: 1980 **End Date:** 1993

Description: The site was used as an accumulation area to store waste in cabinets and drums. The wastes were small quantity items related to FFTF maintenance activities. Wastes included fluorescent bulbs, incandescent bulbs, mercury vapor lamps, hazardous rags, solvents, suspected PCB-containing ballasts and capacitors, non PCB containing ballasts and capacitors, persistent carcinogens, and printed circuit boards, and miscellaneous equipment.

References: 1. 1996, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42 (Decisional Draft).

Field Work:

Type: Site Walkdown

Begin Date: 10/21/1998 **Field Crew:** Tim Johnson

End Date: 10/21/1998

Purpose: Site verification

Comment: The site was found and identified as a satellite accumulation area that is currently in use. The site was mapped in two locations. The southern site is correct and the northern site should be deleted.

Site Cover:

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1135\1135_01.JPG
Description:	This image shows waste site 4713-B HWSA (north side). This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-9.
Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1135\1135_02.JPG
Description:	This image shows waste site 4713-B HWSA (south side). This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-8.
Date Taken:	10/21/98
Pathname:	\\bhi002\esd-img\400\1135\1135_03.JPG
Description:	View of satellite accumulation area used for paint related wastes.

Waste Site Reclassification Form

Date Submitted: 10/9/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-090
Originator: M. E. Eby	**Waste Site ID:** 4713-B HWSA	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site consisted of a 6.1 meters (20 foot) long and 6.1 meters (20 foot) wide concrete pad that was used as a satellite accumulation area. Metal cabinets, 208 liter (55 gallon) drums and a wooden storage box were located on the pad in May, 1994.

Basis for reclassification:

The site is an active satellite accumulation area. The site is a central location for the accumulation of waste associated with FFTF maintenance activities. Wastes include fluorescent bulbs, incandescent bulbs, mercury vapor lamps, hazardous rags, solvents, suspected PCB-containing ballasts and capacitors, non PCB containing ballasts and capacitors, persistent carcinogens, and printed circuit boards, and miscellaneous equipment.

As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.I.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 4713-B LDFD **Site Reclassification Status: Rejected**

Site Names: 4713-B LDFD, 4713-B Loading Dock French Drain, Miscellaneous Stream #469

Site Type: French Drain

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 587493.125

(N) 123037.992

Washington State Plane

Site Description: The site is a circular metal grate located in an asphalt paved area east of the 4713-B loading dock. The site sits in a small depression. The site appears to be a stormwater access point to the 400 Area surface drainage system. It does not appear to be a ground disposal site.

Location Description: The site is located about 23 meters (75 feet) east of the 4713-B building.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3 (and earlier revisions), states that the site is a trench located at the southwest corner of the 4713B Building. A site visit (December 12, 1996) was performed to try to resolve the discrepancies noticed with the 400 Area french drain information. Conversations with 400 Area engineers and drawing reviews have determined that this drain is most likely a surface water access point for the surface water drainage system (H-4-155518) and not a french drain.

The site is related to waste water discharge that will likely be managed under a permit issued by Ecology in 1999

Access Requirements: Facility Landlord Escort Required

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
4. J.M. Henning, 12/15/93, Letter: Inventory of Miscellaneous Liquid Effluent Streams, 9401521.
5. C.R. Webb, 12/12/96, Interoffice Memo: 400 Area French Drain Location Verification Walk-Down, 040617.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No

Air Operating Permit: No **Inert Landfill:** No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The current "Inventory of Miscellaneous Streams", Revision 3 states that the site collects stormwater and discharges it to the 400 Area stormwater collection system. The current flow rate is less than 1.9 liters per minute (0.50 gallons per minute). Earlier documents, Low Volume Effluent Streams report (Milikan 1988) and the Inventory of Miscellaneous Streams Report (WHC 1993 and DOE/RL-95-82), have stated it receives cooling water from welding equipment or sink water. This earlier data may actually refer to WIDS Site 4713-B FD.

References:

1. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
2. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
3. J.M. Henning, 12/15/93, Letter: Inventory of Miscellaneous Liquid Effluent Streams, 9401521.
4. 1/12/82, Surface Water Drainage - 400 Area, H-4-155518.
5. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Wakdown

Begin Date: 10/21/1998 **Field Crew:** Tim Johnson

End Date: 10/21/1998

Purpose: Site verification

Comment: The site was found and identified in the mapped location. The site is a 33.0 centimeter (13 inch) diameter 109 centimeter (43 inch) deep pipe that collects stormwater at a lowpoint from surrounding area and from a ditch to the east. No contamination was identified in the area surrounding the site.

Site Cover: Asphalt

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 10/21/98

Pathname: \\bhi002\esd-img\400\1936\1936_01.JPG

Description: View of 4713-B LDFD site shows storm drain located in low area.

Waste Site Reclassification Form

Date Submitted: 10/29/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 175
Originator: M. E. Eby	**Waste Site ID:** 4713-B LDFD	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a circular metal grate located in an asphalt paved area east of the loading dock. The site sits in a small depression. The site appears to be a stormwater access point to the 400 Area surface drainage system. It does not appear to be a ground disposal site.

Basis for reclassification:

The current "Inventory of Miscellaneous Streams", Revision 3 states that the site collects stormwater and discharges it to the 400 Area stormwater collection system. The current flow rate is less than 1.9 liters per minute (0.50 gallons per minute). Earlier documents, Low Volume Effluent Streams report (Milikan 1988) and the Inventory of Miscellaneous Streams Report (WHC 1993 and DOE/RL-95-82), have stated it receives cooling water from welding equipment or sink water. This earlier data may actually refer to WIDS Site 4713-B FD.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 4721 FD **Site Reclassification Status: Rejected**

Site Names: 4721 FD, 4721 French Drain, 400 Area French Drain Discharge from 4721 Building, Miscellaneous Stream #28

Site Type: French Drain

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date: 1979

End Date:

Coordinates:

(E) 587465.375

(N) 123154.289

Washington State Plane

Site Description: The unit is a 1.2 meter (4 foot) diameter, 1.5 meter (5 foot) long concrete or vitrified clay pipe filled with gravel. The unit is below grade and cannot be identified visually at the location identified in the "Inventory of Miscellaneous Streams".

Location Description: The site is located west of the 4721 building in a gravel covered area.

Associated Structures: The french drain is connected to the 4721 Building. This facility is also called the FFTF Emergency Generator Facility or Gas Turbine Building.

Site Comment: Several documents report different locations for this site. The Inventory of Miscellaneous Streams (DOE/RL-95-82, Rev. 0) places this site in the middle of 4721 building. The 300-FF-2 Technical Baseline Report (BHI-00012, Rev 0) give coordinates that place the site west of the southwest corner of the 4721 building. Drawing H-4-63120 shows a large drywell located west of the 4721 building's northwest corner. The drawing is assumed to provide the correct location since it was issued for construction. It shows two floor drains from the 4721 building and one floor drain from the adjacent centrifuge structure that are connected by piping to the drywell.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

Access Requirements: Facility Landlord Escort Required

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
5. 1995, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 0.
6. 5/14/75, Plumbing and Drainage of the Gas Turbine Generating Facility (4721), H-4-63120.
7. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
8. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Diameter: 1.22 Meters 4.00 Feet

References:

1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
2. 5/14/75, Plumbing and Drainage of the Gas Turbine Generating Facility (4721), H-4-63120.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Unknown

Physical State: Liquid

Description: The unit may have received janitorial solutions of water and detergents. The "Inventory of Miscellaneous Streams", Revision 3, states that the site routes stormwater from floor drains to an injection well on the west side of the building. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute).

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 1995, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 0.
3. 5/14/75, Plumbing and Drainage of the Gas Turbine Generating Facility (4721), H-4-63120.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Type: Oil

Category:	Hazardous/Dangerous
Physical State:	Liquid
Description:	If a spill occurred during generator operations, the unit might have received diesel oil. Because oil had to be pumped up to the generator from the underground storage tank, spills should not have occurred when the system was not operating. There are no known spills.
References:	1. Shearer, Jeff with Rex C. Gold, 5/5/97, 4721 Building. 2. Shearer, Jeff with Bruce Bowman., 5/5/97, Telecon: 4721 Building Questions.

Images:

Date Taken:	10/21/98
Pathname:	\\bhi002\esd-img\400\1136\1136_01.JPG
Description:	View of site located in graveled area. Site is underground and not visible.

Waste Site Reclassification Form

Date Submitted: 10/29/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-176
Originator: M. E. Eby	**Waste Site ID:** 4721 FD	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a 1.2 meter (4 foot) diameter, 1.5 meter (5 foot) long concrete or vitrified clay pipe filled with gravel. The unit is below grade and cannot be identified visually at the location identified in the "Inventory of Miscellaneous Streams".

Basis for reclassification:

The unit may have received janitorial solutions of water and detergents. The "Inventory of Miscellaneous Streams", Revision 3, states that the site routes stormwater from floor drains to an injection well on the west side of the building. The flow rate is less than 0.038 liters per minute (0.01gallons per minute).

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 4722 PSHWSA **Site Reclassification Status: Rejected**

Site Names:	4722 PSHWSA, 4722 Paint Shop HWSA, 4722 Paint Shop Hazardous Waste Storage Area, 4722-C Hazardous Waste Storage Area		
Site Type:	Storage Pad (<90 day)	**Start Date:**	1980
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587460.312	
		(N) 122923.844	
		Washington State Plane	

Site Description: The Hazardous Waste Storage Area is three metal cabinets that are located on a curbed, concrete pad outside the 4722-C Building.

Location Description: The site is located on the north side of the 4722-C building, adjacent to the northeast corner.

Site Comment: The Paint Shop Hazardous Waste Satellite Accumulation Area has been moved to a different location than what was described in previous reports. It used to be located inside a three sided lean-to type shed on the north side of 4722-C. A site visit on November 6, 1998 found that Fluor Daniel Northwest occupies 4722-C and operates the paint shop. They have three, yellow, metal Hazardous Waste Storage cabinets on a curbed, concrete pad adjacent to the northeast corner of the building. The lean-to shed is still on the north side of the building but is currently used as a brush washing station.

Environmental Monitoring Description: Documented inspections of the site are performed weekly.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
4. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	**Confirmed By Program:**	Yes
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	Other Storage Area

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 90-Day Storage Pad/Satellite Accumulation Area

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Hazardous/Dangerous

Physical State: Liquid

Description: The site is a staging area primarily for paint solvents. Signs indicate that solvent rags, antifreeze, and absorbent materials (for spill cleanup) may also be present.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 11/06/1998 **Field Crew:** CR Webb, C. Marple

End Date: 11/06/1998

Purpose: Verification

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1137\1137_01.JPG

Description: This photo shows waste site 4722 PSHWSA. This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-21.

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1137\1137_02.JPG

Description:	This photo shows the three sided shed that was previously used as the Paint Shop Hazardous Waste Storage Area. It is now being used as a brush washing station. The HWSA has been moved.
Date Taken:	11/6/98
Pathname:	\\bhi002\esd-img\400\1137\1137_03.JPG
Description:	The photo shows the new location of the HWSA. It is on the northeast corner of 4722. It is now on a curbed, concrete pad.
Date Taken:	11/6/98
Pathname:	\\bhi002\esd-img\400\1137\1137_04.JPG
Description:	Photo shows the signs on 4722-C that indicate the paint shop is operated by Fluor Daniel Northwest.

Waste Site Reclassification Form

Date Submitted: 12/3/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-218
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 4722 PSHWSA	
Phone: (509) 376-7053	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The Paint Shop Hazardous Waste Satellite Accumulation Area has been moved to a different location than what was described in previous reports. It used to be located inside a three sided lean-to type shed on the north side of 4722-C. The lean-to shed is still on the north side of the building but is currently used as a brush washing station.

A site visit on November 6, 1998 found that Fluor Daniel Northwest occupies 4722-C and operates the paint shop. They have moved three, yellow, metal Hazardous Waste Storage cabinets to a curbed, concrete pad adjacent to the northeast corner of the building.

Basis for reclassification:

There is no evidence of any spills at the former location or the current location of the site. The materials are contained by the cabinets and the curbed pad.

As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.1.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

S T Burnum	Stan T. Burnum	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 4722-B FD **Site Reclassification Status: Rejected** Page 1

Site Names:	4722-B FD, 4722-B French Drain		
Site Type:	French Drain	**Start Date:**	1979
Status:	Inactive	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	400	(E) 587535.062	
		(N) 122934.484	
		Washington State Plane	

Site Description: The unit is described in the Hanford Site Waste Management Units Report as 1.22 meter (4 foot) diameter pipe that is 1.52 meters (5 foot) long. It is made of concrete or vitrified clay and filled with gravel. There are no visible surface features.

Location Description: Coordinates place the drain approximately 9.7 meters (32 feet) north of 4722-B, under the roadway.

Associated Structures: The site is related to the 4722-B Building.

Site Comment: The 1987 Hanford Site Waste Management Units Report states that this french drain received 3,785 liters (1,000 gallons) of wastewater from lunchroom sinks in the 4722-B building. In 1994, site personnel stated the 4722-B building was remodeled and that lunch room sinks discharge to a sanitary sewer line, not to this french drain. The Inventory of Miscellaneous Streams Report does not list this french drain as a stream source.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents. However, nine monitoring wells are associated with the 400 Area.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Dimensions:

Depth / Height:	1.52 Meters	5.00 Feet
Diameter:	1.22 Meters	4.00 Feet

References:

1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: In 1987, the drain was described to have received 3,785 liters (1,000 gallons) per year of wastewater from lunchroom sinks in the 4722-B building. More current documents of miscellaneous stream discharges do not include this french drain. 4722-B employees believe the lunch room sink is connected to the sanitary sewer.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 11/06/1998 **Field Crew:** CR Webb, C. Marple

End Date: 11/06/1998

Purpose: Verification

Comment: Could not visually identify the drain.

Site Cover:

Site Accessible: No **Site Found:** No

Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1138\1138_01.JPG

Description: This photo shows the north side of 4722-B Building where the drain was supposed to be located. No surface structure is visible.

Waste Site Reclassification Form

Date Submitted: 12/4/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 228
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 4722-B FD	
Phone: (509) 376-7053	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is described in the Hanford Site Waste Management Units Report as 1.22 meter (4 foot) diameter pipe that is 1.52 meters (5 foot) long. It is made of concrete or vitrified clay and filled with gravel. There are no visible surface features.

In 1987, the drain was described to have received 3,785 liters (1,000 gallons) per year of wastewater from lunchroom sinks in the 4722-B building. More current documents of miscellaneous stream discharges do not include this french drain. 4722-B employees believe the lunch room sink is connected to the sanitary sewer.

Basis for reclassification:

No evidence has been found to confirm the existence of this site. It is possible the site does not exist. No evidence exists to indicate hazardous, dangerous, or radioactive waste was disposed at this site. The site is not listed in the Revision 3, Inventory of Miscellaneous Streams.

S T Berman	Stacy T. Berman	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 4722-C FD | **Site Reclassification Status:** Rejected |

Site Names: 4722-C FD, 4722-C French Drain, French Drain South of 4722-C, Miscellaneous Stream #29

Site Type: French Drain

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date: 1979

End Date: 1985

Coordinates:

(E) 587460.312

(N) 122909.062

Washington State Plane

Site Description: The Hanford Site Waste Management Units Report (1987) lists the site as a french drain that is 1.22 meter (4 foot) in diameter, concrete or vitrified clay, gravel-filled buried pipe that extends 1.5 meters (5 feet) below grade. Surface features include a 5 centimeter (2 inch) diameter pipe protruding from the south side of the 4722-C Building. The pipe emerges from the wall approximately 0.6 meters (2 feet) above the building foundation and travels west approximately 0.9 meters (3 feet). The pipe turns 90-degrees downward and then turns 90-degrees to the south. The visible piping terminates in the gravel beside the building. No drain structure is visible.

Per Curt Clement, Dyncorp, the pipe is connected to a sink. The drainage will be eliminated.

Location Description: The drain is located approximately 1.2 meters (4 feet) from the south wall of the 4722-C building.

Process Description: The site receives waste water from a sink inside the 4722-C Facility. A statement provided by Dyncorp on January 21, 1999 says that it is noteworthy that currently there are two sinks in this facility. The sink, located within the area where the painting is done, is connected to the sewer not the drywell.

Associated Structures: The site is associated with the 4722-C Paint Shop (managed by Fluor Daniel Northwest).

Site Comment: DOE/RL-95-82 Revision 0 (Table 3-1), states a correction in the process description was made on June 23, 1995. The corrected information indicates the stream originates from a water heater on the west side of the 4722-C Building.

A site visit on November 6, 1998 for the purpose of site verification found the pipe emerging from the south wall of 4722-C and terminating into the gravel a few feet south of the building. Although the building was locked, a sink was observed through a window, inside the building, on the wall corresponding to the pipe exiting the building wall. Nothing was seen on the west wall of 4722-C to indicate condensate from a heater was being discharged there. Only a roof downspout was noted.

Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
5. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
6. 1995, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 0.
7. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
8. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
9. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
10. Curt J. Clement, 1/21/99, Electronic Mail from Curt J. Clement regarding more information on sites 400-7, 400-12, and 4722-C FD.
11. Curt J. Clement, 2/9/99, New WIDS Site Information.

Dimensions:

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix: Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate

Category: Nondangerous/nonradioactive

Physical State: Liquid

End Date: 1999

Description: The source of the discharge to the french drain was eliminated by close of business on 1/28/99. The water was disconnected.

The information provided in the following paragraph has been provided for historical purposes. The Hanford Site Waste Management Units Report (1987) states the drain received water 7570 liters (2,000 gallons per year) from a sink used to wash latex paint from hands, brushes and rollers. It also states a sample was taken from the unit and found no hazardous constituents. A 1988 report (DOE/RL-88-11, Revision 0) states that the hazardous chemical inventory for this site includes 1,000 kilograms (2,200 pounds) of sodium dichromate (Reference 1). This data is unsubstantiated. In 1995, the Inventory of Miscellaneous Streams Report DOE/RL-95-82, Rev 0, Table 3-1, changed the process description to indicate the waste is condensate that originates from a water heater on the west side of 4722-C. The flow rate is listed as 0.038 liters (0.01 gallons) per minute.

A statement provided by Dyncorp on January 21, 1999 says that it is noteworthy that currently there are two sinks in this facility. The sink, located within the area where the painting is done, is connected to the sewer not the drywell.

Dyncorp has not been able to find anyone with any knowledge of what went into the drain. The 'Registration of Hanford Site Class V Underground Injection Wells', DOE/RL-99-11 contains no references that could be used to verify the statement related to the amount of sodium dichromate. It is possible this statement is in error. There is at least one other error, as the formula for sodium dichromate (Na2Cr2O7) is not NaCr2.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 05/88, Registration of Hanford Site Class V Underground Injection Wells, DOE/RL-88-11.
4. 1995, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 0.
5. Curt J. Clement, 1/21/99, Electronic Mail from Curt J. Clement regarding more information on sites 400-7, 400-12, and 4722-C FD.
6. Curt J. Clement, 2/9/99, New WIDS Site Information.

Field Work:

Type: Site Walkdown

Begin Date: 11/06/1998 **Field Crew:** CR Webb, C. Marple

End Date: 11/06/1998

Purpose: Verification

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

Vegetation Type: Disturbed

References:

1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1139\1139_01.JPG

Description: This photo shows waste site 4722-C FD. This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-20.

Date Taken: 11/6/98

Pathname:	\\bhi002\esd-img\400\1139\1139_02.JPG
Description:	This photo shows the piping described in the Technical Baseline Report on the south side of 4722-C.
Date Taken:	11/6/98
Pathname:	\\bhi002\esd-img\400\1139\1139_03.JPG
Description:	This photo shows the piping from the south side of the building and entering the ground in the gravel area. No drain structure is visible.
Date Taken:	11/6/98
Pathname:	\\bhi002\esd-img\400\1139\1139_04.JPG
Description:	This photo shows the piping from the south side of the building and entering the ground in the gravel area. No drain structure is visible.

Waste Site Reclassification Form

Date Submitted: 12/9/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-233
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 4722-C FD	
Phone: (509) 376-7053	**Type of Reclassification Action:**	
	Rejected (●)	
	Closed-Out ( )	
	No Action ( )	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The Hanford Site Waste Management Units Report (1987) lists the site as a french drain that is 1.22 meter (4 foot) in diameter, concrete or vitrified clay, gravel-filled buried pipe that extends 1.5 meters (5 feet) below grade. Surface features include a 5 centimeter (2 inch) diameter pipe protruding from the south side of the 4722-C Building. The pipe emerges from the wall approximately 0.6 meters (2 feet) above the building foundation and travels west approximately 0.9 meters (3 feet). The pipe turns 90-degrees downward and then turns 90-degrees to the south. The visible piping terminates in the gravel beside the building. No drain structure is visible. There is a sink located on the inside wall behind where the piping leaves the building. The site is identified in Revision 3, Inventory of Miscellaneous Streams, as stream #29.

Basis for reclassification:

The Hanford Site Waste Management Units Report (1987) states the drain received water 7570 liters (2,000 gallons) per year from a sink used to wash latex paint from hands, brushes and rollers. It also states a sample was taken from the unit and found no hazardous constituents. A 1988 report states that the hazardous chemical inventory for this site includes 1,000 kilograms of sodium dichromate. The 1988 data is unsubstantiated. In 1995, the Inventory of Miscellaneous Streams Report DOE/RL-95-82, Rev 0, Table 3-1, changed the process description to indicate the waste is condensate that originates from a water heater on the west side of 4722-C. The flow rate is listed as 0.038 liters per minute (0.01 gallons) per minute. The 1998, Revision 3 of the Inventory of Miscellaneous Streams, has not changed from the 1995 version.

Because of the questions related to this site, Dyncorp has confirmed that the drain is connected to a sink. There are two sinks within the 4722-C facility. The sink, located within the area where the painting is done, is connected to the sewer not the drywell. The other sink discharges waste water to this stream site. This stream needs to be eliminated before the site can be reclassified.

S T Burnam	S T Burnam	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 4831 LHWSA **Site Reclassification Status:** Closed Out

Site Names: 4831 LHWSA, 4831 Laydown HWSA, 4831 Laydown Hazardous Waste Storage Area, 4831 Flammable Storage Facility

Site Type: Storage Pad (<90 day)

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date: 1984

End Date: 1993

Coordinates:

(E) 587301.812

(N) 123328.023

Washington State Plane

Site Description: Currently the site is an empty concrete pad with a metal berm around its edges. The metal berm measures 5 centimeters (2 inches) tall and 5 centimeters (2 inches) wide. It runs around the pad approximately 7.6 centimeters (3 inches) inward from the edges and is bolted down. Cylindrical concrete anchors are attached to 1.2 meter (4 feet) high metal posts that have been placed around the edges of the pad. Most of the posts remain upright and are connected with a metal chain, although many have fallen down. A small, tan metal shed at the east end of the pad provided supply storage and a sheltered workspace when the storage area was operating. The shed is 4.9 meters (16 feet) long and 3 meters (10 feet) wide and has double sliding doors on its south side.

Location Description: The site is located at the east end of Texas Street, north of the 427 Building. The concrete pad is approximately 10 meters (30 feet) north of the 4831 Flammable Storage Facility.

Site Comment: This pad was retired in December 1993 and replaced with the new 440 Hazardous Waste Temporary Storage Facility.

On September 8, 1998, the FFTF Environmental Compliance Officer reviewed available inspection records for the 4831 90 Day Accumulation Area. The records covered the period from 1991 to 1993. In 1993, the 440 Building 90 Day Accumulation Area was put into operation, and the 4831 Building 90 Day Accumulation Area was no longer used. The inspection records did not identify any history of waste container leakage at the 4831 90 Day Accumulation Area.

The FFTF Environmental Compliance Officer performed a walkdown and visual inspection of the 4831 90 Day Accumulation Area. There was no evidence of past leakage at the facility. There was some slight rust staining in areas, but no evidence of hazardous material leakage.

Environmental Monitoring Description: Inspections of the site were performed weekly and documented when it was operating.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Martha Einan, 4/13/95, WIDS Site Modification: 4831 Laydown Yard (#95-108).
4. Tom Dillhoff, 9/8/1998, Note from Tom Dillhoff (FFTF Environmental Compliance Officer) regarding his walkdown of 4831 HWSA and his review of the inspection records..

Dimensions:

Length:	15.24	Meters	50.00	Feet
Width:	6.10	Meters	20.00	Feet

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 90-Day Storage Pad/Satellite Accumulation Area

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Hazardous/Dangerous

Physical State: Solid and Liquid

End Date: 1993

Description: The site was used as a staging area for oils and hazardous wastes produced and collected in the 400 Area. Wastes staged at this site in 1977 were primarily oils, solvents, ethylene glycol, and empty drums for cooling water treatment chemicals such as Endcor 4690, which is acutely hazardous. These wastes were stored in containers on the pad.

References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.

Field Work:

Type: Site Walkdown

Begin Date:	10/07/1998	**Field Crew:**	CR Webb, Mark Eby
End Date:	10/07/1998		
Purpose:	Verification		
Site Cover:	Concrete		
Site Accessible:	Yes	**Site Found:**	Yes
Soil Discoloration:	No	**Debris Visible:**	No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98
Pathname: \\bhi002\esd-img\400\1140\1140_02.JPG
Description: The photo shows the empty Hazardous Waste Storage Area and adjacent storage shed.

Date Taken: 10/7/98
Pathname: \\bhi002\esd-img\400\1140\1140_03.JPG
Description: The photo shows the empty concrete storage pad and shed in relationship to the 4831 Flammable Storage Facility (yellow metal building).

Waste Site Reclassification Form

Date Submitted: 10/12/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 100
Originator: M. E. Eby	**Waste Site ID:** 4831 LHWSA	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ○	
	Closed-Out ◉	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit appears today as a concrete pad with a metal berm around its edges. The metal berm, which is 5 centimetes (2 inches) tall and 5 centimeters (2 inches) wide, runs around the pad approximately 7.6 centimeters (3 inches) inward from the edges and is bolted down. Circular concrete weights holding 1.2 meter (4 feet) high metal posts have been placed around and just off the edges of the pad. Several of the posts remain upright and are connected with a metal chain, although many have fallen down. A tan metal building at the east end of the pad provided supply storage and a sheltered workspace when the staging area was operating. It is about 4.9 meters (16 feet) long and 3 meters (10 feet) wide and has double sliding doors on its south side.

Basis for reclassification:

This pad was retired in December 1993 and replaced with the new 440 Hazardous Waste Temporary Storage Facility.

On September 8, 1998, the FFTF Environmental Compliance Officer reviewed available inspection records for the 4831 90 Day Accumulation Area. The records covered the period from 1991 to 1993. In 1993, the 440 Building 90 Day Accumulation Area was put into operation, and the 4831 Building 90 Day Accumulation Area was no longer used. The inspection records did not identify any history of waste container leakage at the 4831 90 Day Accumulation Area.

The FFTF Environmental Compliance Officer performed a walkdown and visual inspection of the 4831 90 Day Accumulation Area. There was no evidence of past leakage at the facility. There was some slight rust staining in areas, but no evidence of hazardous material leakage.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 4843 | **Site Reclassification Status: Closed Out** | Page 1

Site Names: 4843, 4843 Building, 4843 Alkali Metal Storage Facility, 4843 AMSF, 4843 FFTF Sodium Storage, 4843 Laydown Area Warehouse

Site Type: Storage

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date: 1986

End Date: 1997

Coordinates:

(E) 587150.375

(N) 123340.508

Washington State Plane

Site Description: The 4843 Alkali Metal Storage Facility was built to store dangerous and mixed alkali metal waste. The structure is a fully-insulated, bolted steel building on a concrete slab. Heat was provided by ceiling-suspended heaters. Two 3.7 meter (12 foot) roll-up doors are located on the structure's east and west sides and were used for moving materials into and out of the building. A large fenced laydown area adjacent to the building could be accessed through the west door. The facility also has several other doors and windows. A 8 foot (2.4 meter) wide and 10 foot (3.0 meter) tall portion of the south wall has corroded and appears rust-colored. The bottom edges of the facility's outside walls have also corroded. Inside the building, a rope barrier separated the dangerous alkali metal waste storage area from the mixed alkali metal storage area. Concrete blocks were used to provide shielding from the radioactive alkali metal waste.

Location Description: The 4843 Building is located in the northwest corner of the 400 Area. A large laydown area is located adjacent to and west of the structure.

Site Comment: The site began storing materials on April 10, 1986. Al materials were removed from the building (date not known). The structure was radiologically released by the Department of Health on May 9,1995. A letter from the Department of Ecology to the Department of Energy dated May 28, 1997 formally documents the clean closure of the site in accordance with Washington Administrative Code (WAC) 173-303 as of April 14, 1997.

A site visit in October 1998 found the site to be unchanged from previous descriptions.

Environmental Monitoring Description: Documented weekly inspections were performed at this site.

References:

1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
2. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
5. Greta P. Davis, Ecology to James E. Rasmussen, DOE, 5/28/97, 4843 Alkali Metal Storage Facility Closure Letter, 0047356.

Dimensions:

Length:	12.19 Meters	40.00 Feet
Width:	12.19 Meters	40.00 Feet

References: 1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: RCRA Treatment and Storage Unit

Permitting

RCRA Part A Permit:	Yes	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	Yes	**State Waste Discharge Permit:**	No
TSD Number:	S-4-1	**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: Ecology

Unit Category: Treatment, Storage and Disposal (TSD)

TPA Appendix: B

Remediation and Closure

Decision Document: Closure Letter

Decision Document Status: Final

Remediation Design Group:

Closure Document: Closure Letter

Closure Type: Clean Closure

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Barrels/Drums/Buckets/Cans

Category: Mixed

Physical State: Solid

Description: The unit was a storage area for dangerous and mixed alkali metal wastes generated by FFTF and various other operations at the Hanford site. Dangerous and mixed alkali metal wastes that have been stored at the facility include mixed sodium waste; materials used to clean up radioactive sodium; non-radioactive sodium waste; waste radioactive sodium metal; and non-waste, non-radioactive sodium metal. Waste containers used at this facility may have included steel 19 liter (5 gallon), 114 liter (30 gallon), and 208 liter (55 gallon) drums or sealed piping and components that have been welded closed.

References:

1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
2. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
3. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
4. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998 **Field Crew:** Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: The site is unchanged from previous descriptions.

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1141\1141_01.JPG

Description: The photo shows the 4843 steel structure. The door is posted with a "Danger" sign.

Date Taken: 1/1/90

Pathname: \\bhi002\esd-img\400\1141\1141_02.JPG

Description: This image is a view of the Mixed Alkali Metal Storage Area. The image was scanned from revision 2 of the RCRA Part A Permit. Negative # 90121329-3CN.

Date Taken: 1/1/90

Pathname: \\bhi002\esd-img\400\1141\1141_03.JPG

Description: This image is a view of the Dangerous Alkali Metal Storage Area. The image was scanned from revision 2 of the RCRA Part A Permit. Negative # 90121329-1CN.

Date Taken: 1/1/87

Pathname: \\bhi002\esd-img\400\1141\1141_04.JPG

Description: This image is a view of the outside of the 4843 Alkali Metal Storage Facility. The image was scanned from revision 2 of the RCRA Part A Permit. Negative # 87044331-2CN.

Waste Site Reclassification Form

Date Submitted: 10/21/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 154
Originator: L. A. Dietz	**Waste Site ID:** 4843	
Phone: (509) 372-9378	**Type of Reclassification Action:**	
	Rejected ○	
	Closed-Out ◉	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

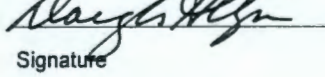
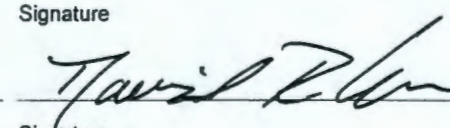
The 4843 Alkali Metal Storage Facility was built to store dangerous and mixed alkali metal waste. The structure is a fully-insulated, bolted steel building on a concrete slab. Heat was provided by ceiling-suspended heaters. Two 3.7 meter (12 foot) roll-up doors are located on the structure's east and west sides and were used for moving materials into and out of the building. A large fenced laydown area adjacent to the building could be accessed through the west door. The facility also has several other doors and windows. A 8 foot (2.4 meter) wide and 10 foot (3.0 meter) tall portion of the south wall has corroded and appears rust-colored. The bottom edges of the facility's outside walls have also corroded. Inside the building, a rope barrier separated the dangerous alkali metal waste storage area from the mixed alkali metal storage area. Concrete blocks were used to provide shielding from the radioactive alkali metal waste.

A site visit in October 1998 found the site to be unchanged from previous descriptions.

Basis for reclassification:

The site began storing materials on April 10, 1986. Al materials were removed from the building (date not known). The structure was radiologically released by the Department of Health on May 9,1995. A letter from the Department of Ecology to the Department of Energy dated May 28, 1997 formally documents the clean closure of the site in accordance with Washington Administrative Code (WAC) 173-303 as of April 14, 1997 (Administrative Record #0047356).

No signature is required on this form.

Douglas H. Chapin		12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan		2 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/1/1999

Site Code: 600-1 **Site Classification: Accepted** Page 1

Site Names:	600-1, Westinghouse Debris Pit		
Site Type:	Dumping Area	**Start Date:**	1976
Status:	Inactive	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 593903.938	
		(N) 120009.43	
		Washington State Plane	

Site Description: The site is a large depression with sandy soil and sagebrush. Part of the depressions has been backfilled with soil from adjacent areas. Metal and wood scrap can be seen on the surface. Soil subsidences (sink holes) are evident. One faded yellow sign that states "Positively No Dumping" is located on the south side of the site, adjacent to the gravel road. The sign is located in between the 600-1 trench (located on the east side of the depression) and the JA Jones Pit 1 (located on the west side of the depression). Bulldozer scars are evident on the surface.

Location Description: This site is located on the east side of a large depression that is located north of the 300 Area, east of the point where the railroad tracks cross Route 4 South.

Process Description: Interviews with two employees indicate that two trenches were co-located in this depression. One trench was dug from east to west. It was located on the west side of the depression and was used by the J.A. Jones Company to dispose of inert waste, paint products and debris (see WIDS Site JA Jones #1). The other trench was dug from north to south, located adjacent to the J.A. Jones pit. It was used by the 300 Area Westinghouse facilities as a disposal site for tumbleweeds that collected on the 300 Area fences. The site may have received miscellaneous wood, pallets and debris from the 300 Area Westinghouse facilities during the late 1970's and early 1980's. A 1994 site visit observed evidence that tumbleweeds had recently been dumped along the southeast edge of the site, indicating the area was still being used for this purpose.

Associated Structures: The trench is adjacent to and east of the the J. A. Jones 1 Dumping Pit.

Site Comment: The 300-FF-2 Technical Baseline report (BHI-00012) stated the Dumping Pit (600-1) and J. A. Jones Dumping Pit #1 were the same site. In December 1994, Dennis DeFord submitted a Waste Information Data System (WIDS) Site Modification request stating that there were two sites, separate but adjacent. Mr. DeFord discovered the eastern pit had been named 600-1 and the "Dumping of 200 Gallons of Paint" event was also named 600-1. A site visit with the employee who dumped the paint in 1977, indicated the paint products had been dumped in the west trench (known as J.A. Jones Pit 1).

In a "Don't Say It" (DSI) dated October 25, 1994, Dennis DeFord states that two employees recall aluminum silicon (AlSi) alloy that contained minor levels of uranium being removed from the 313 Building and disposed of someplace north of the 300 Area. Dennis suggests it is possible it was disposed into J.A. Jones Pit 1 or 600-1. However, the 313 Building was operated by United Nuclear Corporation (UNC). Since other employees indicated J.A. Jones/600-1 trenches were used exclusively by J.A. Jones and Westinghouse, it is possible the AlSi was put somewhere else north of the 300 Area. There are four radioactive burial grounds (618-4, 618-5, 618-10, 618-11) located north of 300 Area that could also be possible disposal sites for this material.

A WIDS site modification has been done to clarify the presence of two trenches used by separate contractors. It has been suggested that the 600-1 site should be transitioned to Site Infrastructure Division and the JA Jones 1 Pit should be transitioned to the Environmental Restoration Contractor for cleanup.

Access Requirements: Hazardous Waste Training

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Rena Hookfin, 1/15/92, WIDS Site Addition, 200 Gallons of Paint dumped into Pit.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. Julie Erickson, WIDS Site Modification: Consolidate 300-FF-2, -3, -4, and 300-IU-1 into 300-FF-2 (#94-

277).
5. Dennis DeFord, WIDS Site Modification: 600-1 (#94-432).
6. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
7. 1976, Aerial Photo of JA Jones Pit 1/600-1, 73553-65cn.
8. 1983, Aerial Photo of Route 4 South, the railroad crossing and J.A. Jones Pit #1/600-1 sites, 83E830-30cn.
9. CR Webb, 8/14/97, Telephone Interview: Gary Davis by Chris Webb related to the J.A. Jones Pit 1 and 600-1 sites.
10. CR Webb, 5/31/95, Interview Form: Willie Jones interviewed by Chris Webb about the dumping of paint at the J.A. Jones Pit 1.
11. L.A. Dietz, 9/9/97, Interoffice Memo: Documentation of Information Related to the 600-1 and J.A. Jones Pit #1 Waste Sites, 051194.

Dimensions:

Length:	30.48	Meters	100.00	Feet
Width:	15.24	Meters	50.00	Feet
Depth / Height:	3.05	Meters	10.00	Feet

Site Shape: Irregular

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Misc. Trash and Debris
Category:	Nondangerous/nonradioactive
Physical State:	Solid
Description:	The site was used by the 300 Area Westinghouse facilities. It was used mostly to dispose of the tumbleweeds that accumulated on the 300 Area fences. Some wood, pallets and miscellaneous debris may have also been placed in this trench.
References:	1. CR Webb, 8/14/97, Telephone Interview: Gary Davis by Chris Webb related to the J.A. Jones Pit 1 and 600-1 sites.

Type:	Chemicals
Category:	Radioactive
Physical State:	Solid
Description:	October 1994 interviews with Will Kirk and Tony Day, retired Hanford employees, disclosed that aluminum silicon alloy, may have been disposed of at 600-1. Interviewees were unable to positively confirm dumping at this site, but felt a reasonable certainty. Aluminum silicon alloy was used in its molten state as a reactor fuel cladding process dip in the 313 Building and waste aluminum silicon alloy usually had low levels of uranium contamination.
References:	1. Dennis DeFord, WIDS Site Modification: 600-1 (#94-432).

Type:	Misc. Trash and Debris
Category:	Nondangerous/nonradioactive
Physical State:	Solid
Description:	Roofing remnants, plastic bucket with dried paint, rebar, aluminum, bits of concrete, asphalt, wood, and plastic are visible at the site.
References:	1. Rena Hookfin, 1/15/92, WIDS Site Addition, 200 Gallons of Paint dumped into Pit.

Field Work:

Type:	Site Walkdown		
Begin Date:	08/04/1998	**Field Crew:**	CR Webb, W. Hayward, K. Prosser
End Date:	08/04/1998		
Purpose:	Verification		
Comment:	A small amount of metal and wood scrap can be seen on the surface. There are several large piles of tumbleweeds at the site that appear to have been dumped here, rather than blown into the area.		
Site Cover:	Moderate Vegetation		
Site Accessible:	No	**Site Found:**	Yes
Soil Discoloration:	No	**Debris Visible:**	Yes
Vegetation Type:	Rabbitbrush		

References:

Images:

Date Taken: 8/4/98
Pathname: \\bhi002\esd-img\600\1151\1151_01.JPG
Description: Photo shows the depression where 600-1 is located.

Date Taken: 2/18/99
Pathname: \\bhi002\esd-img\600\1151\1151_02.JPG
Description: Aerial photo taken in 1976 shows the 600-1/JA Jones Pit area. Photo number 73553-65cn

Date Taken: 2/18/99
Pathname: \\bhi002\esd-img\600\1151\1151_03.JPG
Description: 1983 Aerial Photo shows the 600-1/JA Jones Pit area located east of Highway 4S. Photo number 83830-30cn

Waste Site Reclassification Form

Date Submitted: 2/25/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-032
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** 600-1	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a dumping area located on the east side of a large depression that is located north of the 300 Area, east of the point where the railroad tracks cross Route 4 South. The site was used by the 300 Area Westinghouse facilities to dispose of the tumbleweeds that accumulated on the 300 Area fences. Some wood, pallets and miscellaneous debris may have also been placed in this site.

Basis for reclassification:

The site was used for disposal of nonhazardous/nondangerous materials. There is no evidence of any hazardous material associated with this site.

Robert G. McLeod	Robert G McLeod	March 1, 1999
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	6 Apr 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 600-22 **Site Reclassification Status: No Action**

Site Names:	600-22, UFO Landing Site		
Site Type:	Dumping Area	**Start Date:**	1942
Status:	Inactive	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 592388.125	
		(N) 115836.477	
		Washington State Plane	

Site Description: This site appears on aerial photos as a large, asterisk-shaped area. It is a vegetation-free area that is not marked or easily distinguished on the ground from the surrounding terrain.

The vegetation in the area was removed in the 1940's to create a visual practice target for military airplanes. Some vegetation has grown back over the years and the site is not as distinct as it once was. However, the surrounding terrain has a more diverse mix of vegetation than exists in the area of the target. A pre-Hanford fence bisects part of the site. An area at the southeast corner of the site has green steel posts, but no warning signs or barricade chains are present. Within the area marked by the steel green posts is an inactive telephone pole. The site is littered with several large pieces of "practice bombs".

The site was nicknamed "UFO Landing Site" because of its appearance from the air. It's shape and the presence of dead vegetation suggest that herbicides were used to create the shape. A site visit as part of an ecological review on October 29,1994 indicated the vegetation abnormalities appear to be caused from a combination of mechanical disturbance and a fire that occurred in 1985. There are no Hanford records of herbicides being used at this site.

Location Description: The site is located southwest of the former 618-9 Burial Ground and west of the 300 Area.

Site Comment: The Hanford Site was acquired in 1943 by the Manhattan Engineer District (MED) of the Army Corps of Engineers (COE) through the actions of General Leslie Groves, MED, Chief. The public proclamation (No. 18) of eminent domain was July 14, 1943.

The U.S. Naval Air Station at Pasco (NAS Pasco), situated approximately 4 kilometers (2.4 miles) north of Pasco, Washington, was commissioned in July 1942. In December 1943, the Navy's objective was to operate and maintain a base for naval aircraft units and aviation personnel, and to conduct advanced training maneuvers. This advanced training included dive-bombing, aerial gunnery, and rocket firing. According to Navy records, nine outlying fields were designated for practice bombing targets. Field evidence indicates an airfield (Fruitvale), located approximately 1.2 kilometers (1 mile) west of the 300 Area, was used as a bombing training range.

There is conjecture over whether the site predates Hanford and whether it was used by NAS Pasco. The date of eminent domain (July 7, 1943) and the date of the NAS revised mission (December 1943) leaves the question open. The commanding officers from the Army and Navy communicated frequently and coordinated activities to control the airspace around the Hanford Site (as early as 1942 when the NAS was commissioned).

Cleanup Activities: Based on a review of the data collected and discussions by the Data Quality Objectives team, no further actions are required for CERCLA activities and a risk assessment for this site will not be required.

Access Comments: Because 600-22 is located at the edge of the Hanford Patrol firing range, Hanford Patrol must be notified and provide permission before this site may be visited.

Access Requirements: Notification - Hanford Patrol

References:

1. D. B. Blumenkranz, 6/23/92, WIDS Site Addition; 600-20, 600-21, 600-22, 600-23, 600-24, 600-25, 600-26, and 600-27.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
4. 1/95, Ordnance and Explosive Waste Records Search Report, DOE/RL-94-07, Rev 0.

5. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.
6. C.J. Kemp, 11-1-94, Visit To 600-22.

Dimensions:

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Ordnance

Category: Nondangerous/nonradioactive

Physical State: Solid

Description: Bomb fragments are scattered throughout the site, but are concentrated at the site's southeastern corner. No unexploded bombs have been found in the area.

Practice bombs are constructed of thin sheet metal which can be easily bent with manual pressure and appear to be the size of 113.6 kilogram (250 pound) bombs. The items are completely hollow. There are no nose or tail fuses nor evidence of the use of spotting charges in the nose. In some cases, the items collapsed upon impact without fragmenting leaving recognizable tailfins and noses. Also, filler caps were found in the nose which were possibly used to fill the practice bombs with sand or water.

References:
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 1/95, Ordnance and Explosive Waste Records Search Report, DOE/RL-94-07, Rev 0.

Type: Chemicals

Category: Hazardous/Dangerous

Physical State: Liquid

Description: Areas with minor vegetation disturbance are scattered throughout the site, but little obvious soil disturbance is evident. The vegetation at the site shows signs of stress and appears to have been sprayed with a herbicide.

References:
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Analytical Sampling

Begin Date: 08/17/1995 **Field Crew:** Larry Hulstrom, Dave St. John

End Date: 08/17/1995

Purpose: Limited Field Investigation

Comment: Two soil samples (plus duplicates) were collected and analyzed during the 300-FF-2 Limited Field Investigation. A radiological survey was determined not to be required based on the results of the 1988 aerial radiological survey.

Sample Number: B0GG08

Location Description: 600-22 East Side

Result Summary: Gross Alpha = 7.43 (+/-) 4.0 picocuries per gram
Gross Beta = 23.5 (+/-) 3.9 picocuries per gram
All herbicides = non detectable

Sample Number: B0GG09

Location Description: 600-22 Center

Result Summary: Gross Alpha = 14.1 (+/-) 5.6 picocuries per gram
Gross Beta = 19.1 (+/-) 3.5 picocuries per gram
All herbicides = non detectable

Sample Number: B0GG10

Location Description: 600-22 Center (duplicate)

Result Summary: Gross Alpha = 5.34 (+/-) 3.6 picocuries per gram
Gross Beta = 19.1 (+/-) 3.5 picocuries per gram
All herbicides = non detectable

References: 1. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Type: Site Walkdown

Begin Date: 10/20/1994 **Field Crew:** C.J. Kemp, J.T. Hadley, C.R. Webb

End Date: 10/20/1994

Purpose: Ecological Review

Comment: The vegetation abnormalities appear to be a combination of mechanical disturbance, herbicides and a fire that occurred in 1985.

References: 1. C.J. Kemp, 11-1-94, Visit To 600-22.

Images:

Date Taken: 5/15/56
Pathname: \\bhi002\esd-img\600\1165\1165_01.JPG
Description: This photo shows the site from the east. It appears as a large asterisk in the top half of the photo. Negative # 3746 (zoomed in).

Date Taken: 1/1/90
Pathname: \\bhi002\esd-img\600\1165\1165_02.JPG
Description: This aerial photo shows the Port of Benton, 300 Area, and dune areas to the west. The site is located to the west of the 300 Area. Negative # 90052552-2CN.

Date Taken: 1/1/90
Pathname: \\bhi002\esd-img\600\1165\1165_03.JPG
Description: This image is a zoom in of the previous image. It shows the edge of the 300 Area and the UFO Landing Site to the west. Negative # 90052552-2CN.

Date Taken: 8/17/95
Pathname: \\bhi002\esd-img\600\1165\1165_08.JPG
Description: This photo shows a bomb fragment found at the site.

Date Taken: 8/17/95
Pathname: \\bhi002\esd-img\600\1165\1165_09.JPG
Description: This photo shows a bomb fragment found at the site.

Date Taken: 8/17/95
Pathname: \\bhi002\esd-img\600\1165\1165_10.JPG
Description: This photo shows the bare soil that forms the asterisk shape.

Waste Site Reclassification Form

Date Submitted: 12/4/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-219
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 600-22	
Phone: (509) 376-7053	**Type of Reclassification Action:**	
	Rejected ○	
	Closed-Out ○	
	No Action ◉	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

This site appears on aerial photographs as a large, asterisk-shaped area. It is a vegetation-free area that is not marked or easily distinguished on the ground from the surrounding terrain.

The vegetation in the area was removed in the 1940's to create a visual practice target for military airplanes. Some vegetation has grown back over the years and the site is not as distinct as it once was. However, the surrounding terrain has a more diverse mix of vegetation than exists in the area of the target. A pre-Hanford fence bisects part of the site. An area at the southeast corner of the site has green steel posts, but no warning signs or barricade chains are present. Within the area marked by the steel green posts is an inactive telephone pole. The site is littered with several large pieces of "practice bombs".

The site was nicknamed "UFO Landing Site" because of its appearance from the air. It's shape and the presence of dead vegetation suggest that herbicides were used to create the shape. A site visit as part of an ecological review on October 29,1994 indicated the vegetation abnormalities appear to be caused from a combination of mechanical disturbance and a fire that occurred in 1985. There are no Hanford records of herbicides being used at this site.

Basis for reclassification:

Bomb fragments are scattered throughout the site, but are concentrated at the site's southeastern corner. No unexploded bombs have been found in the area.

Practice bombs are constructed of thin sheet metal which can be easily bent with manual pressure and appear to be the size of 113.6 kilogram (250 pound) bombs. The items are completely hollow. There are no nose or tail fuses nor evidence of the use of spotting charges in the nose. In some cases, the items collapsed upon impact without fragmenting leaving recognizable tailfins and noses. Also, filler caps were found in the nose which were possibly used to fill the practice bombs with sand or water.

Based on a review of the data collected and discussions by the Data Quality Objectives team, no further actions are required for CERCLA activities and a risk assessment for this site will not be required (Reference: DOE/RL-96-42, Limited Field Investigation Report for the 300-FF-2 Operable Unit).

ST Burnum	Stan T. Burnum	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: 600-46 **Site Reclassification Status: Closed Out** Page 1

Site Names: 600-46, "Cutup" Oil Dump

Site Type: Dumping Area

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date:

End Date: 1995

Coordinates:

(E) 594523

(N) 121375

Washington State Plane

Site Description: At the top of the river bank was a small patch of oil-stained sand with used oil filters by the stain. By the river shore was an empty can of starting fluid. Just north of the oil stain, at the top of the river bank, was an empty 208-liter (55-gallon) drum. Many pieces of wood were also found scattered around the site.

Location Description: This site was located on the west bank of the Columbia River, west of the south end of Wooded Island, and south of United States Geological Survey marker "Cutup". The site was approximately 5 kilometers (3 miles) north of the 300 Area. The site was on a terrace overlooking the river, approximately 25 meters from the river. It was located in the southeast quarter of the southeast of the southwest quarter of Section 23 in Township 11 North, Range 28 East.

Process Description: The site's prior use was related to the pre-history of Hanford. The presence of irrigation piping and valving confirmed the conclusion that the site's prior use was irrigation related.

Associated Structures: Based on the physical makeup of the site, DOE-RL, EPA, and Ecology believed that this area once contained a diesel pump used for irrigation purposes.

Site Comment: As a result of discussions with local representatives of Environmental Protection Agency (EPA) and the State of Washington, Department of Ecology (Ecology), it was determined that this site could be addressed by a voluntary action by DOE-RL. This determination was supported by physical evidence that indicated that the actions required generally consisted of removal of trash and soil contaminated with diesel oil. The determination was further substantiated by process knowledge indicating that the site had not been used for radioactive or hazardous waste disposal, nor had it involved any past management of hazardous or radioactive materials. Furthermore, the location of this waste site was far removed from any past DOE-RL operations involving the management of radioactive or hazardous materials or wastes. It was recommended that the DOE-RL voluntary action should meet Washington State Model Toxics Control Act (MTCA) Method A cleanup standards. Sampling was performed to this standard. The samples taken from the excavation are as follows: 7/10/95-B0G8F8 (N121353, E594513); 7/10/95-B0G8F9 Central Side (N121359, E594513); 7/10/95-B0G8G0 - Bottom (N121359, E594513); 7/10/95-B0G8G1 - North Trench (N121366, E594513).

Following cleanup activities, the site was revegetated with native shrubs and grasses.

Cleanup Activities: On June 20, 1995, cleanup actions began with the sampling and removal of the miscellaneous surface debris, including a section of irrigation pipe and valving which was found just north of the oil stained area. On June 20, 1995, sampling and removal of oil-stained soil was initiated. Field screening and laboratory analytical results indicated that the excavated soils were contaminated with PCBs at levels up to 55 parts per million (ppm) and TPH levels up to 350 parts per million. No other contaminants were detected above natural background levels.

Release Potential Description: The site appears to have been exposed to weather for many years. Adverse weather conditions would not cause a release.

References:

1. T. F. Johnson, 1/6/94, WIDS Site Addition: 600-46 (#94-002).
2. 1978, WOODED ISLAND QUADRANGLE, WASHINGTON, 7.5 SERIES (TOPOGRAPHIC), N4622.5-W11915/7.5.
3. Department of Energy, 10/16/95, Letter to the Environmental Protection Agency: VOLUNTARY CLEANUP OF THE 300-FF-2 "CUTUP" OIL DUMP SITE AT HANFORD, 022804.
4. Steve Weiss, 10/17/95, Revegetation of the Cut-up Oil Dump.

Site Hazards:

Hazard Type: Chemical **Status:** Discovered **Date:** 11/3/93

Description: Chemicals

References:

Dimensions:

Length:	12.00	Meters	39.37	Feet
Width:	0.91	Meters	3.00	Feet
Depth / Height:	1.00	Meters	3.28	Feet

References: 1. Department of Energy, 10/16/95, Letter to the Environmental Protection Agency: VOLUNTARY CLEANUP OF THE 300-FF-2 "CUTUP" OIL DUMP SITE AT HANFORD, 022804.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix: C

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document: Closure Letter

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals
Category: Hazardous/Dangerous
Physical State: Liquid
Reported Date: 1993
End Date: 1995
Waste Obscured: Soil Overburden
Description: The site contained used diesel oil filters, an empty can of starting fluid, pieces of lumber, and an empty 208-liter (55-gallon) drum (Summary sentence applies to waste records 1, 2, and 3.). It was the consensus of DOE-RL, EPA, and Ecology that the only potential contaminants involved with past use of the site were total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCBs), and possibly lead, cadmium and chromium. Following sampling, only PCBs and TPH were found. Approximately, 10 cubic meters (13 cubic yards) of soil were removed from the site. On August 16, 1995, 84 waste drums containing the PCB-contaminated soil removed from the site were shipped offsite to a waste transfer company for ultimate disposal to a Toxic Substances Control Act landfill.
References:
1. T. F. Johnson, 1/6/94, WIDS Site Addition: 600-46 (#94-002).
2. Department of Energy, 10/16/95, Letter to the Environmental Protection Agency: VOLUNTARY CLEANUP OF THE 300-FF-2 "CUTUP" OIL DUMP SITE AT HANFORD, 022804.

Type: Barrels/Drums/Buckets/Cans
Category: Unknown
Physical State: Solid
Waste Obscured: Soil Overburden
Description: The site contained one empty 208-liter (55-gallon) drum.
References:
1. T. F. Johnson, 1/6/94, WIDS Site Addition: 600-46 (#94-002).

Type: Misc. Trash and Debris
Category: Nonregulated Waste
Physical State: Solid
Waste Obscured: Soil Overburden
Description: The site contained wood debris.
References:
1. T. F. Johnson, 1/6/94, WIDS Site Addition: 600-46 (#94-002).

Field Work:

Type: Site Walkdown
Begin Date: 11/03/1993
Field Crew: T. F. Johnson
End Date: 06/20/1995
Purpose: Initial Review
Site Cover:
Site Accessible: No
Site Found: Yes
Soil Discoloration: Yes
Debris Visible: Yes
References:

Images:

Date Taken: 1/1/76

Pathname:	\\bhi002\esd-img\600\1739\1739_01.JPG
Description:	This 1976 aerial photo shows the Columbia River shoreline north of the 300 Area. Photo #73553-66CN.

Waste Site Reclassification Form

Date Submitted: 9/30/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-079
Originator: R. L. Donahoe, MSIN X9-06	**Waste Site ID:** 600-46	
Phone: (509) 373-6879	**Type of Reclassification Action:**	
	Rejected ◉ RLM	
	Closed-Out ◉ RAD TJK	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was cleaned up in a voluntary action by DOE/RL in 1995. The site is believed to have been associated with gravel pit operations at Pit #8 in 1973 (page 6-39 of the Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42). Miscellaneous surface debris and approximately 10 cubic meters of soil contaminated with petroleum hydrocarbons and polychlorinated biphenyls (PCBs) were removed from the site. Post-cleanup sampling found no hazardous materials remaining at the site. PCB-contaminated soil was shipped offsite for disposal at a TSCA landfill. Following cleanup actions, the site was revegetated with native shrubs and grasses.

Basis for reclassification:

Process knowledge of the 300 Area indicates that this site has not been used for any Hanford management of hazardous or radioactive materials. A closure letter by DOE-RL describes the voluntary cleanup of the 600-46 "Cutup" oil dump site.*

*Reference: Department of Energy, 10/16/95, Letter to the Environmental Protection Agency: Voluntary Cleanup of the 300-FF-2 "Cutup" Oil Dump Site at Hanford, Correspondence Control Number 022804.

Robert D. McLeod	Robert D. McLeod	Oct 7, 1998
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R Einan	David R. Einan	7a+98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 600-64 **Site Classification: Rejected**

Site Names: 600-64, Underground Sanitary Sewer Line from 400 Area to WPPSS, Sanitary Waste Tie-Line from the 400 Area to WPPSS

Site Type: Sanitary Sewer

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date: 1997

End Date:

Coordinates:

(E) 0

(N) 0

Washington State Plane

Site Description: This underground, gravity flow line begins at the inlet to the 4607 Sanitary Sewer septic tanks and connects the 400 Area sanitary sewer main (also known as the 4903 Sanitary Sewer Main) with the Washington Public Power Supply System sewage treatment facility. The sewer line route appears as a disturbed area covered with sand and little vegetation. Washington Public Power Supply System signs posted along the route mark the existence of an underground sewer line.

Location Description: The new sewer line extends eastward from the existing 400 Area Septic Tanks (WIDS Site 400-7) to the existing Washington Public Power Supply System sewer line. The line crosses under the Route 4 South highway. The tie-in is located approximately 4.8 kilometers (3 miles) northeast of the 400 Area.

Associated Structures: The site is associated with the 4607 Sanitary Sewer, 4607 Sanitary Tile Field, 4607 Sanitary Sewer Lagoon, and the 4903 Sanitary Sewer Main.

Site Comment: The underground tie-line was installed in 1991. An engineering study report noted that regulatory and political issues between the Department of Energy and the Washington Public Power Supply System indicated that the new sewer line may never be activated. One concern was the amount of tritium in the 400 Area sanitary waste might exceed the reporting limits for the WPPSS Sewage treatment facility. In 1994, an alternative plan included the installation of three lined evaporative lagoons just north of the 4607 Sanitary Sewer septic tank to replace the unlined lagoon. However, in October 1996, the Department of Energy and the Washington Public Power Supply System successfully reached an agreement that allowed the 400 Area sewer effluent to be diverted to the WPPSS sewer system. The 400 Area sewer effluent diversion began in April 1997. The plans for building lined lagoons were abandoned.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 5/10/95, 400 Area to WPPSS Plan and Profile, H-6-1801.
3. 5/10/95, 400 Area to WPPSS Sanitary Sewer Line Profile Sections, H-6-1802, Sht 1.
4. 5/10/95, 400 Area to WPPSS Sanitary Sewer Line Details, H-6-1803.
5. CR Webb, 12-2-98, Telephone Conversation with Jeff Thornock related to the 400 Area Sewer Line diversion to the WPPSS Sewer System.
6. Lloyd Piper, 9-27-96, Letter from Lloyd Piper (DOE) to Jack Baker (WPPSS) regarding the 400 Area Sewer Tie-In Contract (Contract Agreement attached), 96-SID-302.
7. JE Rasmussen, 6-12-97, From JE Rasussen to Steve Skurla related to State Waste Discharge Permit Application for the 400 Area Septic System, 97-SID-243.

Dimensions:

Diameter: 0.23 Meters 0.75 Feet

Comment: The sewer line is approximately 3 miles long.

References:

1. 5/10/95, 400 Area to WPPSS Plan and Profile, H-6-1801.
2. 5/10/95, 400 Area to WPPSS Sanitary Sewer Line Profile Sections, H-6-1802, Sht 1.
3. 5/10/95, 400 Area to WPPSS Sanitary Sewer Line Details, H-6-1803.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 **Confirmed By Program:** Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: Septic

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: Site personnel report that a small amount of sanitary wastes was unintentionally discharged into the tie-line (and, thus, the WPPSS sewage treatment facility), prior to reaching agreement with WPPSS in late 1992. The sanitary wastes remained with the underground tie-line and the treatment facility. No wastes were released to the environment. Radiation detection systems in the treatment facility indicated the presence of radioactive cobalt, cesium, and tritium beyond set limits. However, only tritium was confirmed to have been present in the sanitary wastes from the 400 Area. Water from 400 Area wells contains elevated levels of tritium, which may explain the presence of tritium in sanitary wastes.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Images:

Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\600\1780\1780_01.JPG
Description:	This photo shows waste site 600-64. This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-6.
Date Taken:	12/1/98
Pathname:	\\bhi002\esd-img\600\1780\1780_02.JPG
Description:	This photo shows the surface of the Sanitary Sewer Line extending from the 400 Area and connecting to the Energy Northwest (formerly WPPSS) Sanitary Sewer.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Discovery Site ID Number: 1780

Site Alias(es): 600-64, Underground Sanitary Sewer Line from 400 Area to WPPSS, Sanitary Waste Tie-Line from the 400 Area to WPPSS

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. **Does the unit receive uncontaminated rainwater runoff only?** y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

	YES	NO
A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA) and should be entered into WIDS. (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	○	◉

2. **Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under Section 3004(u) of RCRA.**

2.a. Is the material at the unit a waste? (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas) y ◉ n ○

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residental activities? (i.e., not from industrial, commercial, mining, agricultural, or community activities) y ○ n ◉

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act? (i.e., National Pollutant Discharge Elimination System permit) y ○ n ◉

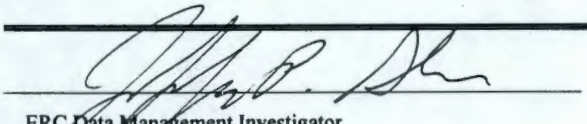
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ◉

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit? (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit) y ○ n ◉

	IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.	
2.f.	Is the unit the result of routine and systematic discharges? (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.) y ○ n ◉ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○ **NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact? (e.g., radioactive waste disposal units, pre-RCRA units) y ○ n ◉ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment? (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)**	**YES** ○ **NO** ◉
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○ **NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○ **NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)**	**YES** ○ **NO** ◉

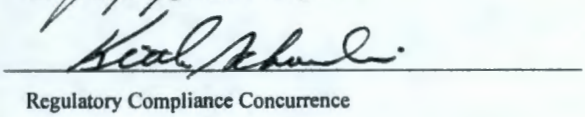
Comments: Sanitary sewers are not classified as routine and systematic discharges, only industrial process sewers. The site is not a SWMU.



ERC Data Management Investigator

2/7/97

Date



Regulatory Compliance Concurrence

2/7/97

Date

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 600-64 2/11/1999

Site Alias(es): 600-64, Underground Sanitary Sewer Line from 400 Area to WPPSS, Sanitary Waste Tie-Line from the 400 Area to WPPSS

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

		YES	NO
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**	○	◉
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ◉ n ○ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ◉		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ◉		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ◉ **A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ◉ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ◉ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	600-64		2/11/99
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**		**YES** ○ **NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste?	y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	y ○ n ◉	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**		**YES** ○ **NO** ◉
5.	**Is the unit an inactive, contaminated structure?**		**YES** ○ **NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**		**YES** ○ **NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**		**YES** ○ **NO** ◉

Comments: Sanitary sewers are not classified as routine and systematic discharges, only industrial process sewers. The site is not a SWMU.

ERC Data Management Investigator — Date

Regulatory Compliance Concurrence — Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — 2/12/99 Date

Lead Regulatory Agency Concurrence — 2/12/99 Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: 600-96 **Site Classification:** Rejected

Site Names: 600-96, 618-10 Borrow Pit

Site Type: Depression/Pit (nonspecific)

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date:

End Date:

Coordinates:

(E) 590841.438

(N) 121605.531

Washington State Plane

Site Description: The site is sandy and mostly unvegetated. The site has been scraped for material to cover the adjacent burial ground. No waste was observed in the area in 1995, except for a large pile of tumbleweeds that were removed from the fence surrounding the 618-10 Burial Ground.

Location Description: The site is located west of route 4 South between milepost 17 and 18. It is adjacent to the southwest corner of the 618-10 Burial Ground.

Associated Structures: The 618-10 Burial Ground is associated with the unit.

Site Comment: A large pile of tumbleweeds was observed at the site during the 1995 field investigation.

References:

1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.
2. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:
Residual Waste:

Waste Information:

Type: Vegetation
Category: Unknown
Physical State: Solid
Description: A large pile of tumbleweeds was observed.
References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Field Work:

Type: Site Walkdown
Begin Date: 07/08/1996 **Field Crew:** T. F. Johnson
End Date: 07/08/1996
Purpose: Initial Review
Site Cover:
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** Yes
References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Type: GPS Surveys
Begin Date: 07/22/1998 **Field Crew:** K.A. Prosser
End Date: 07/22/1998 **Data Repository:** HGIS
Purpose: Mapping
Job Number: 174
Type: Real-Time Kinematic
References:

Images:

Date Taken: 7/22/98
Pathname: \\bhi002\esd-img\600\3762\3762_01.JPG
Description: This digital photo was taken near 316-4. The 618-10 fence line can be seen on the right side of the photo
Date Taken: 5/2/93

Pathname:	\\bhi002\esd-img\600\3762\3762_02.JPG
Description:	This image is an aerial view of the 618-10 burial ground and borrow pit (600-96). Negative 93050254-56CN (Date assumed based on negative number).

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Discovery Site ID Number: 3762

Site Alias(es): 600-96, 618-10 Borrow Pit

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. **Does the unit receive uncontaminated rainwater runoff only?** y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

		YES	NO
A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA) and should be entered into WIDS. (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)		○	◉
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under Section 3004(u) of RCRA.**		
2.a.	Is the material at the unit a waste? (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas) **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**	y ○ n ◉	
2.b.	Is the waste from historical residental activities? (i.e., not from industrial, commercial, mining, agricultural, or community activities)	y ○ n ○	
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act? (i.e., National Pollutant Discharge Elimination System permit)	y ○ n ○	
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**	y ○ n ○	
2.e.	Was the waste placed in a discernable unit? (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit) **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**	y ○ n ○	

2.f.	Is the unit the result of routine and systematic discharges? (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.) y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○ **NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact? (e.g., radioactive waste disposal units, pre-RCRA units) y ○ n ◉ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment? (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)**	**YES** ○ **NO** ◉
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○ **NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○ **NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)**	**YES** ○ **NO** ◉

Comments: This site is a borrow pit. There is no indication of waste disposal or hazardous substance release.

Jeffrey P. Thurn — 2/6/97

ERC Data Management Investigator — Date

Keith Schwab — 2/6/97

Regulatory Compliance Concurrence — Date

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 600-96 9/30/1998

Site Alias(es): 600-96, 618-10 Borrow Pit

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

		YES	NO
		○	◉
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		y ○ n ◉
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?		y ○ n ○
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?		y ○ n ○
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO,**		y ○ n ○
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		y ○ n ○
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		y ○ n ○

Site Code:	600-96	9/30/98
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	YES ○ NO ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ◉ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	YES ○ NO ◉
5.	**Is the unit an inactive, contaminated structure?**	YES ○ NO ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	YES ○ NO ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	YES ○ NO ◉

Comments: This site is a borrow pit. There is no indication of waste disposal or hazardous substance release.

ERC Data Management Investigator — Date

Regulatory Compliance Concurrence — Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

Robert D. McLeod — Oct 7, 1998

DOE-RL Concurrence — Date

David R. Olson — 7 Oct 98

Lead Regulatory Agency Concurrence — Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: 600-97 **Site Classification: Rejected** Page 1

Site Names:	600-97, 618-11 Borrow Pit		
Site Type:	Depression/Pit (nonspecific)	**Start Date:**	
Status:	Inactive	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 588766.188	
		(N) 127406.547	
		Washington State Plane	

Site Description: The site is located in a slight depression where 0.3 to 0.6 meters (1 to 2 feet) of soil has been removed to cover the 618-11 Burial Ground.

Location Description: The site is located approximately 1,500 meters (4,920 feet) west, northwest of Washington Public Power Supply System Plant Number 2 and just north of the 618-11 Burial Ground.

Site Comment: No waste or evidence of the presence of hazardous substances was observed during the site investigation.

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type: Site Walkdown

Begin Date: 07/08/1996 **Field Crew:** T. F. Johnson

End Date: 07/08/1996

Purpose: Initial Review

Site Cover:

Site Accessible: Yes **Site Found:** No

Soil Discoloration: No **Debris Visible:** No

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Type: GPS Surveys

Begin Date: 07/22/1998 **Field Crew:** K.A. Prosser

End Date: 07/22/1998 **Data Repository:** HGIS

Purpose: Mapping

Comment: Mapped the approximate edge of a shallow borrow pit.

Job Number: 174

Type: Real-Time Kinematic

References:

Images:

Date Taken: 9/15/98

Pathname: \\bhi002\esd-img\600\3763\3763_01.JPG

Description: In the aerial photo, the green rectangle is the burial ground. The Windrow Site is a triangular area adjacent to the northeast corner of the burial ground. The light colored rectangle is the borrow area used during surface stabilization.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Discovery Site ID Number: 3763

Site Alias(es): 600-97, 618-11 Borrow Pit

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

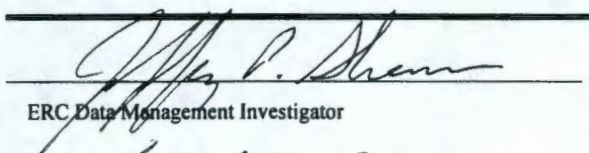
1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

		YES	NO
A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA) and should be entered into WIDS. (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)		○	◉
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under Section 3004(u) of RCRA.**		
2.a.	Is the material at the unit a waste? (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas) y ○ n ◉ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities? (i.e., not from industrial, commercial, mining, agricultural, or community activities) y ○ n ○		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act? (i.e., National Pollutant Discharge Elimination System permit) y ○ n ○		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○ **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e.	Was the waste placed in a discernable unit? (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit) y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		

2.f.	Is the unit the result of routine and systematic discharges? (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.) **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	y ○ n ○	
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**		**YES** ○ **NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste?	y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact? (e.g., radioactive waste disposal units, pre-RCRA units) **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**	y ○ n ◉	
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment? (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)**		**YES** ○ **NO** ◉
5.	**Is the unit an inactive, contaminated structure?**		**YES** ○ **NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**		**YES** ○ **NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)**		**YES** ○ **NO** ◉

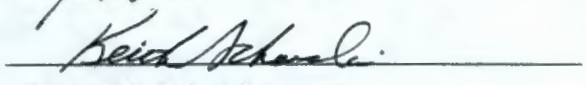
Comments: The site is a borrow pit. There is no indication of waste disposal or hazardous substance release.



ERC Data Management Investigator

2/6/97

Date



Regulatory Compliance Concurrence

2/6/97

Date

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 600-97 9/30/1998

Site Alias(es): 600-97, 618-11 Borrow Pit

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. **Does the unit receive uncontaminated rainwater runoff only?** y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

		YES	NO
		○	◉
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ○ n ◉ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ○		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ○		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○ **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO,**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	600-97		9/30/98
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○	**NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste?	y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)?	y ○ n ◉	
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	**YES** ○	**NO** ◉
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○	**NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○	**NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	**YES** ○	**NO** ◉

Comments: The site is a borrow pit. There is no indication of waste disposal or hazardous substance release.

ERC Data Management Investigator — Date

Regulatory Compliance Concurrence — Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

Robert D. McLeod — Oct. 7, 1998

DOE-RL Concurrence — Date

David R. Clark — 7 Oct 98

Lead Regulatory Agency Concurrence — Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 600-155 **Site Classification: Rejected** Page 1

Site Names: 600-155, Dumping Area Upstream of River Mile Marker 35 Identified During RCRA General Inspection #HIRIV-FY96 Item #7

Site Type: Dumping Area

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date:

End Date:

Coordinates:

(E) 0

(N) 0

Washington State Plane

Site Description: The site consists of an old rusty machine part with approximate dimensions of 1.8 meters by 1.2 meters by 0.6 meters (6 feet x 4 feet x 2 feet). The part is marked with a small metal tag "USA-HEW 355464/ Property of US Government." The surrounding soil is silty sand and cobbles, with moderate cheatgrass and bunchgrass vegetation. Nearby flood debris consists of tree branches and small logs. There are no other large pieces of metal or construction type material. The surface of the access road is sand and gravel.

During visits to the site on February 1, 1999, and February 3, 1999, other debris was observed. This debris included: a chunk of concrete, an old muffler, a piece of metal that looked as though it could have come from the piece of machinery, other metal debris, a tire and wood debris (not flood debris). This miscellaneous debris is primarily south of the piece of machinery and most is within 100 meters (328.1 feet).

Location Description: The site is approximately 250 meters (810 feet) upstream from mile marker 35 and approximately 80 meters (260 feet) from the river shoreline. The site is visible from the road.

Process Description: The purpose of this piece of equipment is unknown.

Associated Structures: The origin of this piece of equipment is unknown.

Site Comment: This site was reported by A. D. Poor and Don Beagles from the Hanford Facility RCRA Permit General Inspection dated June 28, 1996.

Access Comments: The access roads to this site cross lands leased by WPPSS. A few sandy parts of poorly developed roads could prove difficult for two wheel drive vehicles.

References:

1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.
2. D. B. Beagles, 6/28/96, Hanford Facility RCRA Permit General Inspection Summary Sheet, HIRIV-FY96.
3. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
4. 11/9/98, Field Logbook for Les Walker, EL-1488.

Site Hazards:

Hazard Type: Biological **Status:** Discovered **Date:** 9/3/96

Description: Biological Hazards

References:

1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Dimensions:

Length:	1.83 Meters	6.00 Feet
Width:	1.22 Meters	4.00 Feet
Depth / Height:	0.61 Meters	2.00 Feet

Site Shape: Rectangle

References:

1. D. B. Beagles, 6/28/96, Hanford Facility RCRA Permit General Inspection Summary Sheet, HIRIV-FY96.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Equipment

Category: Nondangerous/nonradioactive

Physical State: Solid

Description: The waste is steel scrap. The metal tag contains "USA-HEW-355464". "HEW" stands for Hanford Engineering Works which was the name used during the era of reactor construction. Therefore, the material is not pre-Hanford historic waste.

References: 1. D. B. Beagles, 6/28/96, Hanford Facility RCRA Permit General Inspection Summary Sheet, HIRIV-FY96.

Field Work:

Type: Site Walkdown
Begin Date: 09/03/1996 **Field Crew:** T. F. Johnson
End Date: 09/03/1996
Purpose: Initial Review
Site Cover:
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Type: Site Walkdown
Begin Date: 11/18/1998 **Field Crew:** L.D. Walker
End Date: 11/18/1998
Purpose: Site verification
Comment: The nearby visible debris is flood debris such as small logs. There are no other large pieces of metal or construction type material.
Site Cover: Moderate Vegetation
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** Yes
Vegetation Type: Cheatgrass
Soil Color: Light Gray
Soil Texture: Sand/Gravel (50% Sand, 50% Gravel)

References: 1. 11/9/98, Field Logbook for Les Walker, EL-1488.

Type: Site Walkdown
Begin Date: 02/01/1999 **Field Crew:** K.A. Prosser
End Date: 02/03/1999
Purpose: to locate the site
Comment: The original intent of the February 1, 1999, visit was to locate the site in order to later show it to a PHMC employee. The site was also supposed to be GPS-ed, but was not due to technical difficulties. Two photos were taken during this visit. The site was again visited on February 3, 1999, in order to acquaint a PHMC employee with the site location. A complete walkdown was not performed on either visit, but observations were noted in the field logbook.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 2/1/99
Pathname: \\bhi002\esd-img\600\3814\3814_05.JPG
Description: This photo is trying to show some of the other debris near the machine part (which is located behind the Jeep). A chunk of concrete is in the foreground and the piece of metal seen in the next photo is near the center of this photo, in front of the green sagebrush.

Date Taken: 2/1/99
Pathname: \\bhi002\esd-img\600\3814\3814_06.JPG

Description:	This photo shows a piece of metal found nearby that looks as though is could have come from the piece of machinery or from something similar.
Date Taken:	11/18/98
Pathname:	\\bhi002\esd-img\600\3814\3814_01.JPG
Description:	This photo shows the metal machine part which makes up this WIDS site. It is of unknown purpose and origin.
Date Taken:	11/18/98
Pathname:	\\bhi002\esd-img\600\3814\3814_02.JPG
Description:	This photo shows a view looking west over the machine part. The steam plume from Washington Public Power Supply System nuclear plant number 2 is in the background.
Date Taken:	11/18/98
Pathname:	\\bhi002\esd-img\600\3814\3814_03.JPG
Description:	This photo is looking to the north, with the machine part in the foreground and the Columbia River in the background.
Date Taken:	11/18/98
Pathname:	\\bhi002\esd-img\600\3814\3814_04.JPG
Description:	This photo shows a close up view of a metal identification tag on the unknown equipment piece. It reads "USA-HEW 355464/ Property of US Government".

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 600-155 1/25/1999

Site Alias(es): 600-155, Dumping Area Upstream of River Mile Marker 35 Identified During RCRA General Inspection #HIRIV-FY96 Item #7

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

		YES	NO
		○	◉
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**	◉	○
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?	○	◉
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?	○	◉
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**	○	◉
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**	○	◉
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**	○	◉

Site Code:	600-155	1/25/99

		YES	NO
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	○	◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ◉		
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	○	◉
5.	**Is the unit an inactive, contaminated structure?**	○	◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	○	◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	○	◉

Comments: The equipment is waste because it has been discarded, but it has not been placed in a discernible unit. This site is similar to other approved sites, such as car bodies and concrete blocks. No contamination was identified.

ERC Data Management Investigator	1/25/99 Date
Regulatory Compliance Concurrence	1-25-99 Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence	1/27/99 Date
Lead Regulatory Agency Concurrence	27 Jan 99 Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 600-210 **Site Classification: Rejected** Page 1

Site Names:	600-210, 300 Area TEDF Outfall		
Site Type:	Outfall	**Start Date:**	1994
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	Coordinates:	
Hanford Area:	600	(E) 0	
		(N) 0	
		Washington State Plane	

Site Description: The outfall line is a 25-centimeter (10-inch) polyvinyl chloride (PVC) pipeline that is routed to the shore of the Columbia River (approximately 600 meters [2000 feet] from the TEDF. To protect an archaeological site near the river, the pipeline is routed aboveground until it is close to the shoreline. At this point, the pipe is routed below grade into a gravel-filled, rock-armored trench. At the shoreline the PVC pipe is transitioned to an 20 centimeter (8-inch) ductile iron pipe that transfers the effluents to the mid-channel single-point diffuser.

The diffuser lies on the bottom of the channel, and consists of an iron pipe routed through a large, rectangular concrete casing. An angled discharge-pipe bolts directly to the concrete block.

Location Description: The outfall is located directly east of the 300 Area TEDF. The outfall runs from the TEDF to the middle of the near channel of the Columbia River.

Process Description: The outfall discharges treated effluent released from the 300 TEDF. The influent to the 300 TEDF is generated by facilities discharging to the 300 Area process sewer.

Associated Structures: This structure is associated with the 300 Area Treated Effluent Disposal Facility (TEDF), WIDS site 600-117.

Site Comment: A NPDES permit was granted for this discharge on September 30, 1994. An aquatic land-lease was obtained from the Washington State Department of Natural Resources.

When this site was originally added to WIDS, it was located in the 600 Area. The site is now within the 300 Area because of a change to the 300 Area Boundary.

References:

1. L. D. Berneski, 12/1/94, Facility Description Manual-Hanford 300 Area Treated Effluent Disposal Facility, WHC-SD-L045H-TM-001.
2. CH2M Hill, 09/06/94, Site Location Plan-Hanford 300 Area TEDF, H-3-71998, Sht 1, Rev 1.
3. 9/6/94, Civil Outfall Trench Details, H-3-71807, Sht 1, Rev 1.
4. 9/6/1994, Civil Outfall Plan and Profile, H-3-71806, Sht 1, Rev 1.

Dimensions:

Length: 609.60 Meters 2,000.00 Feet

Site Shape: Irregular

Comment: The length of the outfall is approximately 600 meters (2000 feet). Cross-sectional diameters range from 20 centimeters (8 inches) to 25 centimeters (10 inches).

References:

1. L. D. Berneski, 12/1/94, Facility Description Manual-Hanford 300 Area Treated Effluent Disposal Facility, WHC-SD-L045H-TM-001.
2. CH2M Hill, 09/06/94, Civil Grading and Drainage-Hanford 300 Area TEDF, H-3-71800, Sht 1, Rev 1.
3. 9/6/94, Civil Outfall Trench Details, H-3-71807, Sht 1, Rev 1.
4. 9/6/1994, Civil Outfall Plan and Profile, H-3-71806, Sht 1, Rev 1.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30 **Confirmed By Program:** Yes

DOE Division: WPD - Waste Program Division

Responsible Contractor/Subcontractor: WMH - Waste Management Federal Services of Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	WA-002591-7
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: National Pollutant Discharge Elimination System (NPDE

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Process Effluent

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The outfall discharges effluent from the 300 Area TEDF.

References: 1. L. D. Berneski, 12/1/94, Facility Description Manual-Hanford 300 Area Treated Effluent Disposal Facility, WHC-SD-L045H-TM-001.

Images:

Date Taken: 11/19/98

Pathname: \\bhi002\esd-img\600\3918\3918_01.JPG

Description: This photo shows the outfall diffuser which is located mid-channel (in the channel closest to the viewer).

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 600-210 1/14/1999

Site Alias(es): 600-210, 300 Area TEDF Outfall

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. **Does the unit receive uncontaminated rainwater runoff only?** y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

		YES	NO
A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)		○	◉
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ◉ n ○ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ◉		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ◉ n ○		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ◉ **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	600-210		1/14/99
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**		**YES** ○ **NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste?	y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)?	y ○ n ◉	
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**		**YES** ○ **NO** ◉
5.	**Is the unit an inactive, contaminated structure?**		**YES** ○ **NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**		**YES** ○ **NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**		**YES** ○ **NO** ◉

Comments: This site is an NPDES outfall, so it is not a SWMU. It does not meet any of the other criteria on the checklist.

ERC Data Management Investigator	Date 1/14/99
Regulatory Compliance Concurrence	Date 1-14-99

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence	Date 01/15/99
Lead Regulatory Agency Concurrence	Date 15 Jan 99

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 600-244 **Site Classification:** Rejected

Site Names: 600-244, Gravel Pit #6

Site Type: Depression/Pit (nonspecific)

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date:

End Date:

Coordinates:

(E) 593046.75

(N) 115983.812

Washington State Plane

Site Description: The pit is a source for gravel used for bedding and backfill material. A gravel road leads into a large irregular shaped pit area. The physical boundaries of the site are larger than the area where gravel is currently being excavated. The four corners of the pit's largest extents are marked with posts (railroad ties installed vertically). Stock piles of gravel and excavation equipment are present, indicating active gravel pit operations. A chain link fenced equipment storage area is located in the northwest corner of the Pit #6 property.

Location Description: Gravel Pit #6 is located west of 300 Area, on the west side of Highway Route 4S. It is south of the 618-7 burial ground.

Associated Structures: The Bioremediation Area (WIDS Site 600-243) is located within the boundaries of the Gravel Pit #6 area, and northeast of the current excavation area. A large spoil pile of dirt, rock, and debris is located in the northwest quadrant of the site (WIDS Sites 600-249). For a short time in 1987, water treatment filter backwash solutions were trucked to this area for disposal (WIDS Site 300 IFBD).

Site Comment: The fenced equipment storage area is controlled by the Environmental Restoration Contractor (Bechetel Hanford, Inc.). The drums stored on pallets containing sodium bisulfate and sulfuric acid are associated with the 200 Area Groundwater Pump and Treat projects. The drums and the equipment are inspected routinely on a monthly surveillance schedule. The equipment and chemicals stored here are scheduled to be removed in the spring of 1999.

References:

1. T.R. Hendrix, 12/17/87, Internal Memo: Hanford Site Gravel Pits, 55420-87-109.
2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
3. CR Webb, 9/18/97, Interview with Russel R. Knight (Rusty) related to the status of the Hanford Gravel Pits.
4. Kathy Prosser, 7/28/97, GPS Field Observation Log.
5. CR Webb, 9/23/97, Telecon: Telephone conversation with Rusty Knight related to clarification of Gravel Pit #6 information.
6. LC Hulstrom, 12-10-98, From Larry Hulstrom to Christine Webb - ERC Storage Area in Pit 6.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No

TSD Number: **Septic Permit:** No

Air Operating Permit: No **Inert Landfill:** No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type: GPS Surveys

Begin Date: 06/19/1996 **Field Crew:** K.A. Prosser, K.J. Moss

End Date: 06/19/1996 **Data Repository:** HGIS

Purpose: Mapping

Comment: During this survey, the proposed extent of Pit #6 was mapped.

Job Number: 60

Type: Post-Processed Kinematic

References: 1. Kathy Prosser, 7/28/97, GPS Field Observation Log.

Type: Site Walkdown

Begin Date: 11/11/1998 **Field Crew:** CR Webb

End Date: 11/11/1998

Purpose: Verification

Comment: The gravel pit contains rock crushing equipment and a conveyor. The site appears to be active.

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Type: Site Walkdown

Begin Date: 12/09/1998 **Field Crew:** CR Webb

End Date: 12/09/1998

Purpose: Verification

Comment: A visit was made to observe the equipment storage area that is located in the southwest corner of the Pit #6 property. It is a large, chain link fenced area. There are three truck trailers parked along the south side. A cluster of nine overpacked barrels on pallets are located in the southwest corner of the fenced area. Some of the barrels are marked Sodium Bisulfate. There is a moderate amount of miscellaneous material (metal and PVC piping, boxes, buckets and a gas bottle) that is stored along the north fence line.

Site Cover: Gravel or Rock

Site Accessible: No **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** Yes

Comment: The equipment storage area is inside a locked chain link fence marked Controlled Area. Contact Russ Fabre for Entry.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 11/11/98
Pathname: \\bhi002\esd-img\600\4223\4223_01.JPG
Description: This photo shows Gravel Pit #6.

Date Taken: 11/18/98
Pathname: \\bhi002\esd-img\600\4223\4223_02.JPG
Description: This photo shows the gravel excavation equipment inside Gravel Pit #6.

Date Taken: 12/9/98
Pathname: \\bhi002\esd-img\600\4223\4223_03.JPG
Description: The photo shows the locked gate on the equipment storage area at Pit #6.

Date Taken: 12/9/98
Pathname: \\bhi002\esd-img\600\4223\4223_04.JPG
Description: The photo shows some of the miscellaneous material stored inside the equipment storage fence.

Date Taken: 12/9/98
Pathname: \\bhi002\esd-img\600\4223\4223_05.JPG
Description: The photo shows three truck trailers parked inside the fenced equipment storage area.

Date Taken: 12/9/98
Pathname: \\bhi002\esd-img\600\4223\4223_06.JPG
Description: The photo shows nine barrels stored on pallets in the southwest corner of the equipment storage area.

Date Taken: 12/9/98
Pathname: \\bhi002\esd-img\600\4223\4223_07.JPG
Description: The photo shows some of the barrels marked Sodium Bisulfate.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 600-244 1/14/1999

Site Alias(es): 600-244, Gravel Pit #6

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	YES	NO
	○	◉
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.		
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ○ n ◉ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b. Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ○		
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ○		
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○ **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	600-244	1/14/99

3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**		**YES** ○ **NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste?	y ○ n ◉	
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)?	y ○ n ◉	
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**		**YES** ○ **NO** ◉
5.	**Is the unit an inactive, contaminated structure?**		**YES** ○ **NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**		**YES** ○ **NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**		**YES** ○ **NO** ◉

Comments:

[signature] — 1/14/99

ERC Data Management Investigator — Date

[signature] — 1-14-99

Regulatory Compliance Concurrence — Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

[signature] — 1/27/99

DOE-RL Concurrence — Date

[signature] — 27 Jan 99

Lead Regulatory Agency Concurrence — Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 600-245 **Site Classification: Rejected**

Site Names:	600-245, Gravel Pit #8		
Site Type:	Depression/Pit (nonspecific)	**Start Date:**	
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 593579.25	
		(N) 120677.07	
		Washington State Plane	

Site Description: The gravel pit is an irregular shaped depression. No waste of any kind was found in the pit.

Location Description: Gravel Pit #8 is located approximately 3.2 kilometers (2 miles) north of the 300 Area. It is north of where the railroad tracks cross Route 4S and east of Gravel Pit #9.

Site Comment: The 1987 letter regarding the status of the Hanford Gravel pits has pit #8 on the Closed Pits list. A 1997 conversation with Rusty Knight (DYNCORP), 600 Area Landlord, indicates the gravel pit is active. Rusty Knight also stated that no waste has been deposited into this gravel pit. Only clean backfill material is removed from this site.

References:

1. T.R. Hendrix, 12/17/87, Internal Memo: Hanford Site Gravel Pits, 55420-87-109.
2. CR Webb, 9/18/97, Interview with Russel R. Knight (Rusty) related to the status of the Hanford Gravel Pits.
3. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	**Confirmed By Program:**	Yes
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type:	GPS Surveys		
Begin Date:	07/16/1997	**Field Crew:**	K.A. Prosser, T.F. Johnson
End Date:	07/29/1997	**Data Repository:**	HGIS
Purpose:	Mapping		
Job Number:	111		
Type:	Post-Processed Kinematic		
References:	1. Kathy Prosser, 7/28/97, GPS Field Observation Log.		

Type:	Site Walkdown		
Begin Date:	11/25/1998	**Field Crew:**	Tim Johnson
End Date:	11/25/1998		
Purpose:	Site verification		
Comment:	No waste of any kind was found at the site.		
Site Cover:	Bare Soil		
Site Accessible:	Yes	**Site Found:**	Yes
Soil Discoloration:	No	**Debris Visible:**	No
References:	1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.		

Images:

Date Taken:	11/25/98
Pathname:	\\bhi002\esd-img\600\4225\4225_01.JPG
Description:	This photo shows Gravel Pit #8 at the entrance.
Date Taken:	11/25/98
Pathname:	\\bhi002\esd-img\600\4225\4225_02.JPG
Description:	This photo shows Gravel Pit #8. No waste was found in the pit.
Date Taken:	11/25/98
Pathname:	\\bhi002\esd-img\600\4225\4225_03.JPG
Description:	This photo shows Gravel Pit #8.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Discovery Site ID Number: 4225

Site Alias(es): 600-245, Gravel Pit #8

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA) and should be entered into WIDS. (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
	○	◉

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under Section 3004(u) of RCRA.

2.a. Is the material at the unit a waste? (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas) y ○ n ◉

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residental activities? (i.e., not from industrial, commercial, mining, agricultural, or community activities) y ○ n ○

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act? (i.e., National Pollutant Discharge Elimination System permit) y ○ n ○

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO,

2.e. Was the waste placed in a discernable unit? (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit) y ○ n ○

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges? (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.) y n

IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

		YES	NO
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	○	◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact? (e.g., radioactive waste disposal units, pre-RCRA units) y ○ n ◉		
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment? (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)**	○	◉
5.	**Is the unit an inactive, contaminated structure?**	○	◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	○	◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)**	○	◉

Comments: No waste or debris has been placed into this gravel pit.

ERC Data Management Investigator — Date: 1/14/98

Regulatory Compliance Concurrence — Date: 1-19-98

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001

DOE-RL Concurrence — Date: 1/27/99

Lead Regulatory Agency Concurrence — Date: 27 Jan 99

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 600-246 **Site Reclassification Status: Rejected**

Site Names:	600-246, Gravel Pit #9, Inert/Demolition Waste Landfill (Pit 9)		
Site Type:	Burial Ground	**Start Date:**	
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E)	593054.062
		(N)	120658.68
		Washington State Plane	

Site Description: Gravel Pit #9 is a large depression where gravel has been extracted. It is now used as an inert landfill for nondangerous/nonradioactive wastes.

Location Description: Pit #9 is located approximately 1.2 kilometers (2 miles) north of 300 Area, east of Route 4S.

Site Comment: The pit was used as a source of gravel material. It was previously operated by the Central Pre-Mix company to support the construction of WPPSS Plants 1, 2, and 4. In 1995, an Environmental Assessment was done to obtain approval for Pit #9 to be used as an inert landfill to replace the nearly full Pit #10. Inert waste consists of wood, concrete and asphalt. No hazardous, radioactive, dangerous, liquid or asbestos wastes are permitted to be placed into Pit #9. Pit #9 actively became a Hanford Site approved inert landfill in 1996.

References:

1. T.R. Hendrix, 12/17/87, Internal Memo: Hanford Site Gravel Pits, 55420-87-109.
2. CR Webb, 9/18/97, Interview with Russel R. Knight (Rusty) related to the status of the Hanford Gravel Pits.
3. 5/15/95, Environmental Assessment for Inert/Demolition Waste Landfill (Pit9), DOE/EA-0983.

Dimensions:

Length:	460.00	Meters	1,509.19	Feet
Width:	155.00	Meters	508.53	Feet
Depth / Height:	12.00	Meters	39.37	Feet

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No

Air Operating Permit: No **Inert Landfill:** No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Demolition and Inert Waste

Category: Nondangerous/nonradioactive

Physical State: Solid

Start Date: 1996

Description: The waste includes concrete, wood and asphalt.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Field Work:

Type: GPS Surveys

Begin Date: 06/19/1996 **Field Crew:** K.A. Prosser, K.J. Moss

End Date: 06/19/1996 **Data Repository:** HGIS

Purpose: Mapping

Comment: The post and chain fence surrounding the pit was surveyed.

Job Number: 60

Type: Post-Processed Kinematic

References: 1. Kathy Prosser, 7/28/97, GPS Field Observation Log.

Type: Site Walkdown

Begin Date: 11/16/1998 **Field Crew:** CR Webb

End Date: 11/16/1998

Purpose: Verification

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration:	No	**Debris Visible:**	Yes

Comment: The pit is being used as an inert landfill. Large pieces of concrete culvert material is visible inside the pit.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 11/17/98

Pathname: \\bhi002\esd-img\600\4226\4226_01.JPG

Description: This photo shows the entrance to Gravel Pit 9. The sign says "Inert Disposal Site - Approved Material, Demolition Waste (concrete, wood, asphalt) - Unacceptable Material - Plaster Board, Sheet Rock or Asbestos".

Date Taken: 11/17/98

Pathname: \\bhi002\esd-img\600\4226\4226_02.JPG

Description: This photo shows some of the inert waste that has been disposed of in Gravel Pit 9.

Waste Site Reclassification Form

Date Submitted: 12/9/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 234
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 600-246	
Phone: (509) 376-7053	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ⊗	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Gravel Pit #9 is a large depression where gravel has been extracted. It was previously operated by the Central Pre-Mix company to support the construction of WPPSS Plants 1, 2, and 4. In 1995, an Environmental Assessment was done to obtain approval for Pit #9 to be used as an inert landfill to replace the nearly full Pit #10. Pit #9 actively became a Hanford Site approved inert landfill in 1996.

Basis for reclassification:

The waste is nondangerous/nonradioactive inert waste that consists of wood, concrete and asphalt. No hazardous, radioactive, dangerous, liquid or asbestos wastes are permitted to be placed into Pit #9.

S T Burman	S T Burman	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 600-247 **Site Reclassification Status:** Rejected

Site Names: 600-247, Gravel Pit #10, Inert Landfill (Pit 10)

Site Type: Burial Ground

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date:

End Date:

Coordinates:

(E) 592849.938

(N) 120141.695

Washington State Plane

Site Description: The site is an old gravel pit. Once extraction operations were completed, the site was then used as a solid waste landfill for inert and demolition waste. Gravel Pit #10 has been closed and backfilled to grade. The site perimeter is marked with posts and chain.

Location Description: Gravel Pit #10 is approximately 1.2 kilometers (2 miles) north of 300 Area on the west side of Route 4S.

Site Comment: Pit 10 contained gravel used for backfill material. The void was used as a demolition and inert waste landfill. This site contains the debris from the demolition of the 1166 Building (Old Westinghouse Hanford Company Stores Warehouse). The landfill has been closed and capped with dirt and gravel.

References:

1. R. E. Lerch, 9/88, Environmental Compliance Manual, WHC-CM-7-5.
2. CR Webb, 9/18/97, Interview with Russel R. Knight (Rusty) related to the status of the Hanford Gravel Pits.
3. Kathy Prosser, 7/28/97, GPS Field Observation Log.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:
Residual Waste:

Waste Information:

Type: Demolition and Inert Waste
Category: Nondangerous/nonradioactive
Physical State: Solid
End Date: 1996
Description: The gravel pit is an approved inert landfill. Waste includes wood, concrete and asphalt.
References: 1. R. E. Lerch, 9/88, Environmental Compliance Manual, WHC-CM-7-5.

Field Work:

Type: GPS Surveys
Begin Date: 07/16/1997 **Field Crew:** K.A. Prosser, T.F. Johnson
End Date: 07/29/1997 **Data Repository:** HGIS
Purpose: Mapping
Comment: The perimeter, which is marked by post and chain, was surveyed.
Job Number: 111
Type: Post-Processed Kinematic
References: 1. Kathy Prosser, 7/28/97, GPS Field Observation Log.

Type: Site Walkdown
Begin Date: 11/16/1998 **Field Crew:** CR Webb
End Date: 11/16/1998
Purpose: Verification
Comment: The pit has been backfilled to grade.
Site Cover: Gravel or Rock
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb. EL-1255.

Images:

Date Taken: 11/17/98

Pathname:	\\bhi002\esd-img\600\4227\4227_01.JPG
Description:	This photo shows the entrance to Gravel Pit 10. The sign says that Pit 10 is CLOSED.
Date Taken:	11/17/98
Pathname:	\\bhi002\esd-img\600\4227\4227_02.JPG
Description:	This photo shows that Pit 10 has been backfilled to grade.

Waste Site Reclassification Form

Date Submitted: 12/9/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 235
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 600-247	
Phone: (509) 376-7053	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ☒	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an old gravel pit. Once extraction operations were completed, the site was then used as a solid waste landfill for inert and demolition waste. Gravel Pit #10 has been closed and backfilled to grade. The site perimeter is marked with posts and chain.

Basis for reclassification:

The site was used as an unlined landfill for nondangerous/nonradioactive demolition and inert waste. It contains non-combustible, solid waste, such as wood, concrete and asphalt. The landfill has been closed and capped with dirt and gravel. There is no evidence of any hazardous, radioactive, or dangerous waste at this site.

S T Burnum	S T Burnum	4/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Bran	David R. Bran	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 600-248 **Site Classification: Rejected** Page 1

Site Names:	600-248. Gravel Pit #11		
Site Type:	Depression/Pit (nonspecific)	**Start Date:**	
Status:	Active	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 585569.25	
		(N) 130528.773	
		Washington State Plane	

Site Description: Gravel Pit #11 is a large, rocky excavated area north of the WYE Barricade. It is actively being used as a source of gravel for backfill.

Location Description: The site is located north of the WYE Barricade, on Route 2S, near mile marker 6, on the east side of the road.

Associated Structures: The site is associated with WIDS Site 600-23, Dumping Area Within Gravel Pit #11.

Site Comment: During operations clean material is being removed from the north end of the pit. The southwestern portion of the pit was previously used as a miscellaneous debris dumping area. The debris (See waste description for WIDS Site Code 600-23) has been backfilled with soil and is not visible. This area is avoided when obtaining backfill material from the pit.

Environmental Monitoring Description: There is an endangered vegetation species issue associated with this site. Evening Primrose is present in certain areas of the gravel pit.

References:

1. T.R. Hendrix, 12/17/87, Internal Memo: Hanford Site Gravel Pits, 55420-87-109.
2. CR Webb, 9/18/97, Interview with Russel R. Knight (Rusty) related to the status of the Hanford Gravel Pits.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type: GPS Surveys

Begin Date: 02/27/1997 **Field Crew:** K.A. Prosser, T.F. Johnson

End Date: 03/20/1997 **Data Repository:** HGIS

Purpose: Mapping

Job Number: 85

Type: Post-Processed Kinematic

References: 1. Kathy Prosser, 7/28/97, GPS Field Observation Log.

Type: Site Walkdown

Begin Date: 11/16/1998 **Field Crew:** CR Webb

End Date: 11/16/1998

Purpose: Verification

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** Yes

Comment: Small amounts of scrap metal and wood can be seen scattered on the surface of the area described as the middle terrace, on the southwest side of the pit area. (See site code 600-23).

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 11/17/98

Pathname: \\bhi002\esd-img\600\4228\4228_01.JPG

Description: This photo shows the entrance to Gravel Pit 11.

Date Taken: 11/17/98

Pathname: \\bhi002\esd-img\600\4228\4228_02.JPG

Description: This photo shows what is described as the middle terrace in the southwest section of the gravel pit.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 600-248 1/25/1999

Site Alias(es): 600-248. Gravel Pit #11

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

		YES	NO
	A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)	○	◉
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ○ n ◉ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ○		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ○		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○ **A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	600-248		1/25/99
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	**YES** ○	**NO** ◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ◉ **IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.**		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	**YES** ○	**NO** ◉
5.	**Is the unit an inactive, contaminated structure?**	**YES** ○	**NO** ◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	**YES** ○	**NO** ◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	**YES** ○	**NO** ◉

Comments: The miscellaneous debris in the southwest portion of this gravel pit is covered under WIDS Site 600-23. The gravel pit is currently used only as a source of clean backfill material.

Greg P. Shem — 1/25/99

ERC Data Management Investigator — Date

Joseph P. Zoric — 1-25-99

Regulatory Compliance Concurrence — Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

Glenn Brenner — 1/27/99

DOE-RL Concurrence — Date

David B. Olson — 27 Jan 99

Lead Regulatory Agency Concurrence — Date

Waste Information Data System
General Summary Report

3/18/1999

Site Code: 600-249 **Site Reclassification Status:** Rejected

Site Names:	600-249, Debris Within Gravel Pit #6		
Site Type:	Dumping Area	**Start Date:**	
Status:	Inactive	**End Date:**	
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 0	
		(N) 0	
		Washington State Plane	

Site Description: The site is areas of dumped material located within Gravel Pit #6. There are spoil piles of material excavated during the construction of the Environmental Molecular Sciences Laboratory (EMSL) facility that are located in the northwest section of the Gravel Pit #6 property boundaries. Miscellaneous debris can be seen in scattered piles and protruding from the soil.

Location Description: The debris is located in the northwest quadrant of Gravel Pit #6.

Associated Structures: The site is associated with Gravel Pit #6 (WIDS Site 600-244), and WIDS Site 300 ASH PITS.

Site Comment: Prior to 1972, the 300 Area Powerhouse was fueled with coal. The ash sluice was placed into the 300 Area Ash Pits. Periodically, the sludge in the bottom of the ash pits was removed and trucked to the Pit #6 property. The material was black and damp when it was transported. It was placed into a large pit near the center of the Pit #6 property. Over time, the pit became filled with fly ash. The fly ash was capped with dirt to prevent it from blowing away. Later, a Soil Bioremediation Pad (WIDS Site 600-243) was placed over part of the area where the ash was buried.

Cleanup Activities: In February 1999, the discarded tires were removed from the area and taken to 2711E to be recycled through Fleet Maintenance. Other debris was removed at the same time and disposed of as regular trash.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
3. CR Webb, 9/18/97, Interview with Russel R. Knight (Rusty) related to the status of the Hanford Gravel Pits.
4. CR Webb, 9/23/97, Telecon: Telephone conversation with Rusty Knight related to clarification of Gravel Pit #6 information.
5. CR Webb, 11-18-98, CC:Mail from Chris Webb to Linda Dietz regarding the Interim Filter Backwash Disposal site.
6. CR Webb, 12-9-98, Telephone Conversation: Chris Webb to Rusty Knight related to Fly Ash disposed of at Pit 6.
7. CJ Clement, 3-8-99, WIDS Site Information for site 600-249.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	**Confirmed By Program:**	Yes
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Misc. Trash and Debris

Category: Nondangerous/nonradioactive

Physical State: Solid

Description: The site contains miscellaneous debris and ash pit sludge. Visible debris includes metal pipes, PVC pipes, concrete and tires. (The tires and some other debris were removed in 1999 for proper disposal) Periodically, damp ash was trucked from the 300 Area Ash Pits (WIDS Site 300 ASH PITS) and placed in Pit #6. Eventually, the area reserved for the ash became filled. The area was covered with dirt. This is the same area where a bioremediation pad was located (WIDS Site 600-243).

References:

1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
2. CR Webb, 12-9-98, Telephone Conversation: Chris Webb to Rusty Knight related to Fly Ash disposed of at Pit 6.
3. CJ Clement, 3-8-99, WIDS Site Information for site 600-249.

Field Work:

Type: Site Walkdown

Begin Date: 11/16/1998 **Field Crew:** CR Webb

End Date: 11/16/1998

Purpose: Verification

Comment: The large mounds of soil and rock were placed here after the material was excavated out of the EMSL facility foundation area.

Site Cover: Gravel or Rock

Site Accessible:	Yes	**Site Found:**	Yes
Soil Discoloration:	No	**Debris Visible:**	Yes

Comment: Some concrete chunks, scrap metal and tires can be seen on the surface of the area inside the four Pit 6 corner marker posts. No debris was noticed inside the area currently being excavated for gravel material.

References:
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
2. CR Webb, 12-9-98, Telephone Conversation: Chris Webb to Rusty Knight related to Fly Ash disposed of at Pit 6.

Images:

Date Taken: 11/17/98
Pathname: \\bhi002\esd-img\600\4229\4229_01.JPG
Description: This photo shows some of the soil piles and debris (concrete and pipe).

Date Taken: 11/17/98
Pathname: \\bhi002\esd-img\600\4229\4229_02.JPG
Description: This photo shows the soil and gravel mounds.

Date Taken: 11/17/98
Pathname: \\bhi002\esd-img\600\4229\4229_03.JPG
Description: This photo shows a pile of tires located north of the Pit 6 gravel excavation area near the Soil Bioremediation Pad.

Date Taken: 11/18/98
Pathname: \\bhi002\esd-img\600\4229\4229_04.JPG
Description: This photo shows mounds of soil from the EMSL facility excavtion, located northwest of the Pit 6 excavation area.

Date Taken: 11/18/98
Pathname: \\bhi002\esd-img\600\4229\4229_05.JPG
Description: This photo shows discarded piping material and soil mounds near the Pit 6 excavation area.

Waste Site Reclassification Form

Date Submitted: 12/4/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-229
Originator: B. J. Dixon, G3-26	**Waste Site ID:** 600-249	
Phone: (509) 376-7053	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is areas of dumped material located within Gravel Pit #6. There are spoil piles of material excavated during the construction of the Environmental Molecular Sciences Laboratory (EMSL) facility that are located in the northwest section of the Gravel Pit #6 property boundaries. Miscellaneous trash and debris can be seen in scattered piles and protruding from the soil.

The site contains miscellaneous debris and ash pit sludge. Visible debris includes metal pipes, PVC pipes, concrete and tires. Periodically, damp ash was trucked from the 300 Area Ash Pits (WIDS Site 300 ASH PITS) and placed in Pit #6. Eventually, the area reserved for the ash became filled. The area was covered with dirt. This is the same area where a bioremediation pad was located (WIDS Site 600-243).

Basis for reclassification:

The site contains nonradioactive/nondangerous miscellaneous trash, debris, and ash from the 300 Area Ash Pits (WIDS Site 300 ASH PITS). No evidence exists to indicate hazardous, dangerous, or radioactive waste was disposed at this site. Note that the bioremediation pad is a separate WIDS Site (600-243).

S T Burnum	Stan T. Burnum	2/27/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	6 Apr 99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

1/27/2000

Site Code: 600-255 **Site Classification:** Rejected

Site Names: 600-255, 300 Area Stormwater Percolation Pond

Site Type: Pond

Status: Active

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date: 1980

End Date:

Coordinates:

(E) 593542.812

(N) 115900.148

Washington State Plane

Site Description: The site is a very large, unlined basin. It has a gravel bottom and coble covered sloped sides. There are two effluent pipes protruding from the east wall of the basin. Using the contour patterns on Arcview, it was determined the site is approximately 90 meters (295 feet) long and 30 meters (98 feet) wide.

Location Description: The basin is located west of 300 Area, on the west side of Highway 4S.

Process Description: The stormwater is directed to two collection points inside the 300 Area, located adjacent to the west 300 Area perimeter fence, behind the 3745-B building that has a packed gravel surface. The perimeter fence of the 300 Area is posted with "Underground Radioactive Material" signs. There is no documentation to confirm that contamination exists beneath the gravel surface behind the 3754 Building, but the possibility exists anywhere inside the 300 Area fence. Since no weeds are growing in the gravel, it is possible the gravel is sprayed with herbicide. The water flows through piping, under the highway, to the basin.

Site Comment: No As Built drawings for this basin have been located. There is a possibility that they were never created. Aerial photographs included in EMO-1026 do not show the basin in 1978, but it is clearly visible on an aerial photograph taken on September 8, 1980 (Negative number 092782-6)

References:

1. J. S. Young, J. S. Fruchter, 1/91, Addendum to Data Compilation Task Report for the Source Investigation of the 300-FF-1 Operable Unit Phase 1 Remedial Investigations, EMO-1026.
2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.
3. CR Webb, 1-6-99, Telephone Interview with Dan Pursley related to the 300 Area Stormwater Percolation Pond.
4. SG Weiss, 5-3-99, E:Mail from Steve Weiss to Linda Dietz, related to 600-255.

Dimensions:

Length:	90.00	Meters	295.28	Feet
Width:	30.00	Meters	98.43	Feet

Comment: Dimensions obtained using Arcview measuring tool.

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:**

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	ST 4510
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category:
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff

Physical State: Liquid
Start Date: 1980
Description: The site receives stormwater runoff from the northwest section of the 300 Area.
References: 1. CR Webb, 1-6-99, Telephone Interview with Dan Pursley related to the 300 Area Stormwater Percolation Pond.

Field Work:

Type: Site Walkdown
Begin Date: 11/18/1998 **Field Crew:** CR Webb
End Date: 11/18/1998
Purpose: Discovery Site Investigation
Comment: The site is a large, deep, gravel lined depression.
Site Cover: Gravel or Rock
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No

References:	1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.
Type:	Site Walkdown
Begin Date:	05/03/1999 **Field Crew:** Steve Weiss
End Date:	05/03/1999
Purpose:	Ecological Review
Comment:	The northwest and southwest corners of the basin contain a lot of tumbleweeds that blew in over the winter. The basin slopes are covered with cobbles and very poor soil, but vegetation is present on the slopes. The floor of the basin has finer soils, but has very little vegetation near the inlet pipes except for a few, small annual weeds. Farther away from the inlet pipes the vegetation gets progressively more pronounced, except for a two foot square patch at the base of the concrete that holds up the inlet pipes. Since the gravel area in 300 Area that drains to these inlet pipes is vegetation free, it may be routinely sprayed for herbicides. Runoff from this area would pick up herbicide residue and transfer it to the basin. This could account for the patterned lack of vegetation on the basin floor near the inlet pipes. Since the runoff from 300 Area is surface runoff, it is not likely that underground radionuclides would be transported to the basin.
References:	1. SG Weiss, 5-3-99, E:Mail from Steve Weiss to Linda Dietz, related to 600-255.

Images:

Date Taken:	11/18/98
Pathname:	\\bhi002\esd-img\600\4342\4342_01.JPG
Description:	This photo shows the outlet pipes in the stormwater basin.
Date Taken:	11/18/98
Pathname:	\\bhi002\esd-img\600\4342\4342_02.JPG
Description:	This photo shows the storm water basin located west of 300 Area.
Date Taken:	11/18/98
Pathname:	\\bhi002\esd-img\600\4342\4342_03.JPG
Description:	This photo shows the storm water basin west of 300 Area.
Date Taken:	1/6/99
Pathname:	\\bhi002\esd-img\600\4342\4342_04.JPG
Description:	This photo shows the stormwater collection point, located inside the west 300 Area perimeter fence, behind the 3745-B building.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 600-255 5/17/1999

Site Alias(es): 600-255, 300 Area Stormwater Percolation Pond

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ◉ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

		YES	NO
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**	○	○
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ○ n ○ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ○		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ○		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○ **A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	600-255	5/17/99

		YES	NO
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**	○	○
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ○		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ○		
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	○	○
5.	**Is the unit an inactive, contaminated structure?**	○	○
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	○	○
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	○	○

Comments: Based on the information provided (e.g. photos & notes) there is no evidence to conclude that this area should be considered a waste management unit.

ERC Data Management Investigator	5/17/99 Date
Regulatory Compliance Concurrence	5-17-99 Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence	5/26/1999 Date
Lead Regulatory Agency Concurrence	5/26/99 Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: 618-6 | **Site Reclassification Status: Rejected** | Page 1

Site Names:	618-6, Solid Waste Burial Ground #6		
Site Type:	Burial Ground	**Start Date:**	1943
Status:	Inactive	**End Date:**	1944
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	300	(E) 594297.438	
		(N) 115791.938	
		Washington State Plane	

Site Description: The 618-6 Burial Ground was originally located in the southeast corner of 300 Area near where the 325 Building is currently located. The waste was exhumed and relocated twice to allow for 300 Area construction expansions. In 1962, the contents were permanently moved to the 618-10 Burial Ground.

Location Description: This burial ground has been moved twice. The site was first located in the southeast corner of the 300 Area. Then the contents of the site were moved to just south of the 316-1 Process Pond. Finally, the contents were exhumed again and moved to the 618-10 Burial Ground.

Site Comment: In 1943-1944, the burial ground containing low-level dry waste was located in the southeast corner of the 300 Area (original 300 Area boundary). The total activity of the waste buried in this location is not known. Prior to the construction of new laboratory facilities (325 Building) in 1951, the burial ground was moved to a location south of the 316-1 Process Pond. The material was covered with 2 meters (6 feet) of clean soil and surrounded by a wooden fence marked with radiation signs. The burial ground contents were moved again (1962) to allow for the construction of the 324 Building. This burial ground no longer exists in the 300 Area. Its contents were moved to 618-10 Burial Ground in 1962.

References:

1. H. J. Paas, 1955, Unconfined Underground Radioactive Waste and Contamination in the 300 Area, HW-39076.
2. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
3. J. S. Young, J. S. Fruchter, 1/91, Addendum to Data Compilation Task Report for the Source Investigation of the 300-FF-1 Operable Unit Phase 1 Remedial Investigations, EMO-1026.
4. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
5. Julie Erickson, WIDS Site Modification: Consolidate 300-FF-2, -3, -4, and 300-IU-1 into 300-FF-2 (#94-277).
6. Mark Anderson, Golder, WIDS Site Modification: 618-6 (#94-344).
7. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-40	**Confirmed By Program:**	Yes
DOE Division:	RPD - Restoration Projects Division		
Responsible Contractor/Subcontractor:	BHI - Bechtel Hanford, Inc.		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No

TSD Number:
Septic Permit: No
Air Operating Permit: No
Inert Landfill: No
Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category:
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Equipment
Category: Mixed
Physical State: Solid
Description: The unit contained solid uranium waste.
References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.

Images:

Date Taken: 9/28/98
Pathname: \\bhi002\esd-img\300\1206\1206_01.jpg
Description: This is a close up of the southeast portion of the 300 Area in a 1948 aerial photograph. (Neg #90070235-1)

Date Taken: 9/28/98
Pathname: \\bhi002\esd-img\300\1206\1206_02.jpg
Description: 618-6 is located within a fence, adjacent to the 307 trenches in this 1952 aerial photograph. The 325 building is being constructed. Neg. #400

Date Taken: 10/2/98
Pathname: \\bhi002\esd-img\300\1206\1206_03.JPG
Description: This is another close up of the southeast portion of the 300 Area in a 1948 aerial photograph. (Neg #90070235-1)

Waste Site Reclassification Form

Date Submitted: 9/30/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-078
Originator: R. L. Donahoe, MSIN X9-06	**Waste Site ID:** 618-6	
Phone: (509) 373-6879	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

This burial ground no longer exists in the 300 Area. Its contents were dug up and relocated twice to allow for 300 Area construction expansions. In 1962 the waste was permanently moved to the 618-10 Burial Ground.

Basis for reclassification:

The 618-6 Burial Ground was originally located in the southeast corner of the 300 Area near where the 325 Building is now located. Prior to construction of the 325 Building in 1951 the contents of the burial ground were moved to a location south of the 316-1 Pond. In 1962 the material was moved to the 618-10 Burial Ground to allow for construction of the 324 Building.

Robert G. McLeod	Robert G. McLeod	Oct 7, 1998
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	7 Oct 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: 618-9 | **Site Reclassification Status: Closed Out** |

Site Names:	618-9, 300 West Burial Ground, 318-9, Dry Waste Burial Site No. 9		
Site Type:	Burial Ground	**Start Date:**	1950
Status:	Inactive	**End Date:**	1956
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 592821.5	
		(N) 116325	
		Washington State Plane	

Site Description: The site was a burial ground composed of a single trench and enclosed within a fence measuring 105 by 95 meters (344 by 312 feet). The waste site was exhumed during an Expedited Response action in 1991-1992. The empty trench was backfilled and revegetated. The site was released from Radiological Control and the fence was removed.

Location Description: The site was located northwest of the 300 Area and southwest of the 618-7 Burial Ground.

Site Comment: The trench was originally backfilled and identified with markers indicating a trench orientated north and south. Later, an aerial photograph showed the trench was actually orientated east to west. The trench was remarked and the entire area was enclosed within a larger fence. All waste was removed in 1991 during an Expedited Response Action. In 1996 the 300-FF-2 Limited Field Investigation determined that no further investigation was required. The final close out of the site should be included in the 300-FF-2 Operable Unit Record of Decision.

Cleanup Activities: An Expedited Response Action was approved to remove hazardous and radioactive material from this trench. Excavation of the 618-9 Burial Ground began on February 28, 1991. Digging originated at the center of the trench over an area showing anomalies in the geophysical survey. To avoid breaching the drums, soil was machine excavated, leaving 0.3 to 0.6 meters (1 to 2 feet) of overburden. Hand digging was performed on the remaining soil. Approximately 2,650 liters (700 gallons) of methyl isobutyl ketone (hexone) and 3,400 liters (900 gallons) of kerosene were recovered from 42 drums. Over 80 empty barrels were removed, along with a significant amount of scrap process equipment and debris.

The initial excavation uncovered a variety of debris covered by 1.2 meters (4 feet) of backfill. The debris included empty waste drums, a wheel barrow, construction debris (corrugated siding, process vessels, and piping), two bags of ammonium nitrate fertilizer.

Extensive follow-up soil gas and soil sampling showed only insignificant amounts of kerosene. Hexone was not detected. The Expedited Response Action was considered complete in October 1992.

Release Potential Description: Sample data collected during the Expedited Response Action of recovered solvents and soil have indicated minimal concentrations, if any, are remaining at the site. Additionally, results of the risk assessment have indicated that there is negligible risk to human health and the environment from the chemical constituents remaining in the soils.

Access Requirements: NA

References:

1. K. M. Harmon, et al, 8/75, Resource Book - Decommissioning of Contaminated Facilities at Hanford (Waste Management Facilities) App. XI (Draft), PNL-MA-588.
2. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
3. 2/89, Preliminary Operable Units Designation Project, WHC-EP-0216.
4. 1/92, Engineering Evaluation of the 618-9 Burial Ground Expedited Response Action., DOE/RL 91-38.
5. Jil Frain, 4/16/92, WIDS Waste Site Modification, 618-9..
6. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
7. 1992, Engineering Evaluation of the 618-9 Burial Ground Expedited Response Action, DOE/RL-91-38.
8. Quayle, T. A., 04/15/93, Briefing Book on Environmental and Waste Management Activities, WHC-SP-0434-17, Rev 17.
9. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Dimensions:

Length:	56.39	Meters	185.00	Feet
Width:	12.19	Meters	40.00	Feet
Depth / Height:	4.57	Meters	15.00	Feet

Site Shape: Rectangle

Comment: The site was 5.5 meters (18 feet) wide at the bottom.

References:
1. 1/92, Engineering Evaluation of the 618-9 Burial Ground Expedited Response Action., DOE/RL 91-38.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix: C

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Mixed

Physical State: Solid and Liquid

Waste Obscured: Soil Overburden

Description: Historical reports indicated 6,000 kilograms (13,200 pounds) of tributyl phosphate, 10,000 kilograms (22,000 pounds) of paraffin hydrocarbon, and 19,000 liters (5,000 gallons) of uranium-contaminated organic solvents were disposed of in the burial trench. In 1991, approximately 2,600 liters (700 gallons) of methyl isobutyl ketone, or hexone, and 3,400 liters (900 gallons) of kerosene solvent were recovered from 120 drums in the trench's western end. The kerosene solvent was normal paraffin hydrocarbon and tributyl phosphate, known as NPH/TBP. Severely corroded drums were also found at the eastern end of the trench. Approximately 39.6 cubic meters (1,400 cubic feet) of debris was also found, including more than 80 empty drums, a wheelbarrow, scrap process equipment, construction debris, two breached bags of ammonium nitrate, unidentified white powders, and several lead bricks. Debris and soil were removed to the 200 Area Low-level Radioactive Burial Ground. Liquid wastes were sent to licensed off site waste handling facilities.

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.

Field Work:

Type: Analytical Sampling

Begin Date: 02/15/1991 **Field Crew:** Jil Frain

End Date: 09/15/1992 **Data Repository:** HEIS

Purpose: Characterization

Comment: Soil Gas samples were collected at 24 sample points. Soil samples were collected and analyzed for volatile organics, semivolatile organics, metals, inorganics, rad, and pesticides. Results are recorded in Appendix E of DOE/RL-91-38 and on the Hanford Environmental Information System (HEIS) database. Sample numbers include B00Y80 through B00Y99, B00YB0 through B00YB8, B00YC0 through B00YC9 and B00YD0.

References:

1. 1992, Engineering Evaluation of the 618-9 Burial Ground Expedited Response Action, DOE/RL-91-38.

Images:

Date Taken: 3/1/87

Pathname: \\bhi002\esd-img\600\1209\1209_01.JPG

Description: This image is an aerial view of 618-9 prior to excavation. A larger area was fenced in (outer fence) due to uncertainties about the trench location. Negative 8703594-68CN (Date assumed based on negative number)

Date Taken: 5/2/93

Pathname: \\bhi002\esd-img\600\1209\1209_02.JPG

Description: This image is an aerial view of 618-9 after excavations as part of the Expedited Response Action. Note that the fence has been removed. Negative 93050254-42CN (Date assumed based on negative number).

Waste Site Reclassification Form

Date Submitted: 9/16/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-075
Originator:	**Waste Site ID:** 618-9	
Phone:	**Type of Reclassification Action:**	
	Rejected ○	
	Closed-Out ◉	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an open field where an Expedited Response Action was conducted in 1991-1992 to remove drums that contained uranium-contaminated organic solvents. After removal of all drums, scrap process equipment, and debris, the soil of the empty trench was sampled and analyzed for organic and inorganic chemicals, metals, radioactive materials, and pesticides. Soil gas testing was performed to determine if organic vapors remained in the soil. No contaminants were found at concentrations above risk-based standards so the trench was backfilled and revegetated.

Basis for reclassification:

No evidence exists to indicate hazardous or radioactive waste remains at this site. Soil and soil gas sample data from the bottom of the empty trench showed minimal concentrations of any contaminants remaining at the 618-9 Burial Ground*. A risk assessment performed using the soil analyses showed that carcinogenic risk from residual contamination to be less than 1E-06 and the hazard index for noncarcinogenic chemicals to be less than 1.0*.

*Reference: Engineering Evaluation of the 618-9 Burial Ground Expedited Response Action, DOE/RL-91-38, January 1992, U.S. Department of Energy, Richland, Washington.

Robert G. McLeod	Robert G. McLeod	Oct 7, 1998
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	7 Oct 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: UPR-300-13 **Site Reclassification Status:** Rejected

Site Names:	UPR-300-13, UN-300-13, Acid Neutralization Tank Leak East of 333 Building		
Site Type:	Unplanned Release	**Start Date:**	1973
Status:	Inactive	**End Date:**	1973
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	300	(E) 594006.438	
		(N) 116236.289	
		Washington State Plane	

Site Description: The release site was the soil adjacent to the underground spent acid receiver tank that was located east of the 333 Building and adjacent to the 618-1 Burial Ground. The tank pit depth was 3.05 meters (10 feet) below grade. There is currently no visual evidence of the tank or this release. The 334-A Building was built on top of the area where the tank was removed.

Location Description: UPR-300-13 occurred adjacent to the underground spent acid receiver tank (WIDS Site 300-21) that had been located east of the 333 Building. The underground tank has been removed. The 334-A Building is now located at this location.

Process Description: At the time of this release (1973), waste etch acid from the 333-N Fuel Fabrication process drained to an underground tank filled with limestone. The limestone was used to neutralize the acid. The tank had been in service since the start up of the 333 Building.

Associated Structures: UPR-300-13 was associated with the underground spent acid receiver tank (WIDS Site 300-21), the 333 Building (WIDS Site 300-32), and the 618-1 Burial Ground.

Site Comment: At the time of this release, the tank no longer contained limestone. The tank had been converted from a neutralization tank to a catch tank for receiving waste etch acids and for pumping the waste acids to an elevated tank in the 334 Tank Farm for storage.

The 334-A Facility has been decontaminated and inspected as part of the 300 Area Waste Acid Treatment closure plan. The soil below the building is not considered part of the closure plan. The subsurface soil is regarded as a past practice waste site.

Cleanup Activities: It is possible that some of the contaminated soil was removed when the tank was removed and during excavation for the foundation of the 334-A building. Remediation of this site will addressed as part of the 618-1 Burial Ground.

Release Description: The release occurred on July 31, 1973. A chemical operator noted that the liquid level in the 14,383 liter (3800 gallon) tank was below the normal pump suction level. It was known that the tank had been previously pumped down to the 4,542 liter (1200 gallon) heel on the morning of July 31, 1973. In the afternoon of the same day, 1805.45 liters (477 gallons) of liquid waste from the Zircaloy etching tank was added to the heel.

In the afternoon of August 1, 1973, the process engineer investigated the tank plug and valve integrity. He found no problems, so he added water to the tank to recheck the possibility of a leak. In the morning of August 2, 1973 a water level check confirmed that 363.4 liters (96 gallons) of liquid had been lost. The test indicated a hole in the tank wall and that approximately 4,920.5 liters (1300 gallons) of liquid waste had been lost to the ground. Spent acid had leaked to the ground through a hole in a koroseal-lined mild steel receiving tank wall. The extent of contamination is not known.

The acid receiving tank was isolated. Samples of the lost liquid (collected prior to the leak) were analyzed to characterize the contents of the spill. The sample results showed that 2015 kilograms (4432 pounds) of nitric acid, 44 kilograms (96 pounds) of fluoride , 217 kilograms (477 pounds) of copper and 1.4 kilograms (3 pounds) equivalent to 0.0005 curies of uranium were lost to the ground. 870 kilograms (1910 pounds) of caustic was added to the leaking tank and allowed to leak into the soil to neutralize the acid that had escaped into the ground. The leak rate of the tank was 582.9 liters (154 gallons) per hour.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. E. A. Weakley, 10/22/76, United Nuclear Industries, Inc.: History and Status of Environmental Improvements for Fuels Production Division, UNI-652.
4. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
5. Scott N Luke, 2/98, Decontamination and Inspection Plan for Phase 2 Closure of the 300 Area Waste Acid Treatment System, HNF-1784.
6. I. L. Metcalf, 4/23/98, The Waste Acid Treatment System Phase II Waste Characterization Report, WATS/WCR-PHASE II.
7. 11-8-60, Site Plan Chemical and Uranium Facility, H-3-18519, Sht 1, Rev 2.
8. 7/31/73, Failed Limestone Neutralization Tank, 300-21, UO-73-27.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 **Confirmed By Program:** Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-1, Solid Waste Burial Ground No. 1, 318-1

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Process Effluent	**Amount:**	4,921.00
Category:	Mixed	**Units:**	Liters
Physical State:	Solid		
Start Date:	1973	**End Date:**	1973
Description:	The waste contained process acid that included 4,432 pounds (2,012 kilograms) of nitrate, 447 pounds (202.9 kilograms) of copper, and 3 pounds (1.4 kilograms) of uranium.		
References:	1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.		

Images:

Date Taken:	12/2/98
Pathname:	\\bhi002\esd-img\300\1567\1567_01.JPG
Description:	This photo shows the 334A Building. The Building is on top of the location where this release occurred.

Waste Site Reclassification Form

Date Submitted: 2/9/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-018
Originator: J. A. Remaize, L6-26	**Waste Site ID:** UPR-300-13	
Phone: (509) 372-1462	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

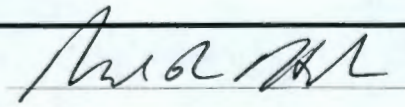
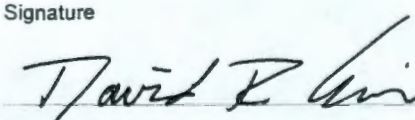
The release site was the soil adjacent to the underground spent acid receiver tank (WIDS Site 300-21) that was located east of the 333 Building. The tank pit depth was 3.05 meters (10 feet) below grade. There is currently no visual evidence of the tank or this release.

The release occurred on July 31, 1973. A chemical operator noted that the liquid level in the 14,383 liter (3800 gallon) tank was below the normal pump suction level. It was known that the tank had been previously pumped down to the 4,542 liter (1200 gallon) heel on the morning of July 31, 1973. In the afternoon of the same day, 1805.45 liters (477 gallons) of liquid waste from the Zircaloy etching tank was added to the heel.

In the afternoon of August 1, 1973, the process engineer investigated the tank plug and valve integrity. He found no problems, so he added water to the tank to recheck the possibility of a leak. In the morning of August 2, 1973 a water level check confirmed that 363.4 liters (96 gallons) of liquid had been lost. The test indicated a hole in the tank wall and that approximately 4,920.5 liters (1300 gallons) of liquid waste had been lost to the ground. Spent acid had leaked to the ground through a hole in a koroseal-lined mild steel receiving tank wall. The extent of contamination is not known.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of a several unplanned releases that occurred within the footprint of the 618-1 Burial Ground. This unplanned release has been incorporated into the 618-1 Burial Ground waste site that will address the soil contamination in this area. Consolidation of this site with 618-1 to address the soil contamination as a single site is requested.

Mark R Hahn		2/12/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David K. Einan		2/12/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: UPR-300-14 **Site Reclassification Status:** Rejected

Site Names:	UPR-300-14, UN-300-14, Acid Leak at 334 Tank Farm		
Site Type:	Unplanned Release	**Start Date:**	1975
Status:	Inactive	**End Date:**	1975
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	300	(E) 594025.562	
		(N) 116247.695	
		Washington State Plane	

Site Description: The release site was a limestone pit designed to neutralize spilled acid before the acid was released to the underlying ground.

Location Description: UPR-300-14 occurred at the 334 tank farm and traveled through a trench to an open-bottomed limestone pit (See WIDS Site 300-246) located over the 618-1 Burial Ground .

Process Description: A trench sump was installed below the 334 Tank Farm to collect solutions from chemical spills, including the elevated acid storage tanks, the safety showers, and rainwater, etc. The trench sump drained to an open limestone pit located about 6.1 meters (20 feet) east of the 334 Tank Farm. The limestone pit had an open bottom and drained to the 618-1 Burial Ground soil beneath the pit. The limestone pit was isolated after this unplanned release. The 334 Tank Farm pipe trench and sump were sealed from the drain line to the limestone pit and connected to the process sewer.

Associated Structures: The site is associated with the 334 Tank Farm and its sump trench, which is connected to the 333 East Pipe Trench (See WIDS Site 300-224) which drained to the Limestone Neutralization Pit and which in turn drained to the 618-1 Burial Ground.

Site Comment: The flow of acid from the elevated storage tank was stopped by closing the bottom valve on the tank and a "Saddle Pipe Support" was installed. The trench to the limestone pit was blocked, and on December 9, 1977, a drain was installed in the process sewer.

Cleanup Activities: The sulfuric acid contamination of the 334 Tank Farm sump trench and pipe trench is expected to have been removed during the washdowns at the time of the spill and due to subsequent years of natural weathering. Residual contamination from the spill to the limestone neutralization pit and the soil in the 618-1 Burial Ground will be addressed during the remediation of the 618-1 Burial Ground.

Release Description: On July 18,1975, a line break in the fill line to Tank No. 32 from the 23,000-liter (6,000 gallon) #3 high tank in the 334 tank farms caused the loss of 4,540 liters (1,200 gallons) of 93% sulfuric acid solution. The solution traveled through a concrete trench to a limestone pit that had been designed to neutralize spilled acid. The limestone pit drained to the soil in the 618-1 Burial Ground.

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. United Nuclear Industries, Inc., 7/18/75, RL Occurrence Report: Elevated Sulfuric Acid Storage Tank. Sulfuric Acid Transfer Line Break--300 Area., 75-25.
5. 10-7-60, Key Plan- Storage Facility and Chemical Piping, H-3-18520, Sht 1, Rev 5.
6. 11-8-60, Site Plan Chemical and Uranium Facility, H-3-18519, Sht 1, Rev 2.
7. 8/22/60, Chemical Piping and Trench Plan and Details, H-3-18522, Sht 1, Rev 6.
8. Acid Trench - Chemical Storage Facility, H-3-18522, Sht 2, Rev 2.
9. 8/22/60, Chemical Storage Facility Pipe Trench Details, H-3-18523, Sht 1, Rev 4.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-60	**Confirmed By Program:**	Yes
DOE Division:	TPD - Transition Program Division		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-1, Solid Waste Burial Ground No. 1, 318-1

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Chemicals	**Amount:**	1,200.00
Category:	Hazardous/Dangerous	**Units:**	Gallons
Physical State:	Solid		
Start Date:	1975	**End Date:**	1975

Description: The release consisted of 93% sulfuric acid.

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Images:

Date Taken: 1/1/83

Pathname: \\bhi002\esd-img\300\1568\1568_01.JPG

Description:	This photo shows the 334 Tank Farm. The sulfuric acid release occurred from Tank #3. Neg. # 8306387-6CN.
Date Taken:	11/17/98
Pathname:	\\bhi002\esd-img\300\1568\1568_02.JPG
Description:	This photo looks east towards the pipe trench branch from the 334 Tank Farm to the location of the Limestone Neutralization Pit, where sulfuric acid drained during an unplanned release.

Waste Site Reclassification Form

Date Submitted: 2/9/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-019
Originator: J. A. Remaize, L6-26	**Waste Site ID:** UPR-300-14	
Phone: (509) 372-1462	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

UPR-300-14 occurred at the 334 tank farm and traveled through a concrete trench to an open-bottomed limestone pit (See WIDS Site 300-246) located over the 618-1 Burial Ground.

On July 18,1975, a line break in the fill line to Tank No. 32 from the 23,000-liter (6,000 gallon) #3 high tank in the 334 tank farms caused the loss of 4,540 liters (1,200 gallons) of 93% sulfuric acid solution. A trench sump was located below the 334 Tank Farm to collect solutions from chemical spills, including the elevated acid storage tanks, the safety showers, and rainwater, etc. The trench sump drained to an open limestone pit located about 6.1 meters (20 feet) east of the 334 Tank Farm. The limestone pit had an open bottom and drained to the 618-1 Burial Ground soil beneath the pit.

The limestone pit was isolated after this unplanned release. The 334 Tank Farm pipe trench and sump were sealed from the drain line to the limestone pit and connected to the process sewer.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of a several unplanned releases that occurred within the footprint of the 618-1 Burial Ground. This unplanned release has been incorporated into the 618-1 Burial Ground waste site that will address the soil contamination in this area. Consolidation of this site with 618-1 to address the soil contamination as a single site is requested.

Mark R Hahn	[signature]	2/12/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	[signature]	2/12/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: UPR-300-18 **Site Classification:** Rejected

Site Names:	UPR-300-18, UN-300-18		
Site Type:	Unplanned Release	**Start Date:**	1962
Status:	Inactive	**End Date:**	1962
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	300	(E) 593783.438	
		(N) 115856.672	
		Washington State Plane	

Site Description: On August 27, 1962, an employee was sprayed by a release from a low-level cesium-134 waste line.

Location Description: UPR-300-18 was located inside one of the 321 Tank Farms.

Associated Structures: UPR-300-18 was associated with a drain plug from a low-level cesium-134 waste line.

Site Comment: Although the Occurrence Report states that the release came from a low-level cesium-134 waste line, it also states that the emitter isotope was cesium-137.

Cleanup Activities: The employee was decontaminated. There was no mention of any cleanup to the environment.

Release Description: The release occurred on August 27, 1962. In the process of removing a drain plug from a low-level cesium-134 waste line, a pipefitter received general protective clothing contamination up to 10,000 counts per minute (shoes 1,000 counts per minute and coveralls 10,000 counts per minute) when solution unexpectedly squirted out of the drain. The main valve had been turned off and the solution in the line was purportedly at near static pressure at the time of the release. The pipefitter immediately replaced the plug and prevented further contamination spread. The employee reported that he felt liquid strike his face and mouth. A whole body radiation survey detected contamination to the employee's coveralls and shoes but no skin contamination. A subsequent whole body count proved negative. A follow up inspection by operations personnel revealed that the main valve had failed to seat properly. The fault was corrected and the lines flushed of all foreign solid material. The amount released to the ground was not mentioned in the report.

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 2/96, Hanford Federal Facility Agreement and Consent Order: Fifth and Sixth Amendment, 89-10, Rev 4.
4. 1957, BUILDING 321 OUTSIDE LINES, SK-3-7367.
5. 8/27/62, Hanford Laboratories Radiation Occurrence Report: general protective clothing contamination, 300 Area, 321 Tank Farm, 321 Building, 62-0-59.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-60	**Confirmed By Program:**	Yes
DOE Division:	TPD - Transition Program Division		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Process Effluent

Category: Mixed

Physical State: Liquid

Start Date: 1962 **End Date:** 1962

Description: The Occurrence Report states that the waste line carried low-level cesium-134, but the emitter isotope was cesium-137.

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. 8/27/62, Hanford Laboratories Radiation Occurrence Report: general protective clothing contamination, 300 Area, 321 Tank Farm, 321 Building, 62-0-59.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: UPR-300-18 2/10/1999

Site Alias(es): UPR-300-18, UN-300-18

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	◉	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ◉

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

		YES	NO
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		◉
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ◉ n ○ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ◉		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ◉		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ◉ **A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ◉ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ◉ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	UPR-300-18	2/10/99

		YES	NO
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**		◉
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ◉		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ◉		
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**		◉
5.	**Is the unit an inactive, contaminated structure?**		◉
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**		◉
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**		◉

Comments:

ERC Data Management Investigator — Date: 2/11/99

Regulatory Compliance Concurrence — Date: 2-11-99

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — Date: 2/12/99

Lead Regulatory Agency Concurrence — Date: 2/12/99

Waste Information Data System
General Summary Report

3/2/1999

Site Code: UPR-300-31 **Site Classification:** Rejected

Site Names: UPR-300-31, UN-300-31
Site Type: Unplanned Release
Status: Inactive
Operable Unit: 300-FF-2
Hanford Area: 300

Start Date:
End Date:
Coordinates:
(E) 594290.125
(N) 116037.086
Washington State Plane

Site Description: This site is a duplicate of UPR-300-40 (See Site Comment Section).

Site Comment: A comparison of UPR-300-31 and UPR-300-40 and their reference documents was performed and the conclusion was that they both represented the same event. It was decided to join them under the UPR-300-40 site code. The UPR-300-31 record has been left in place as a pointer to the other site code.

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 **Confirmed By Program:** Yes
DOE Division: TPD - Transition Program Division
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No
TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: CERCLA Past Practice (CPP)
TPA Appendix: C

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: UPR-300-31 2/10/1999

Site Alias(es): UPR-300-31, UN-300-31

Waste Management Unit	Not a Waste Management Unit	More Information Needed
○	●	○

1. Does the unit receive uncontaminated rainwater runoff only? y ○ n ○

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

		YES	NO
2.	**Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.**		
2.a.	Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ○ n ○ **IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.**		
2.b.	Is the waste from historical residental activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ○ n ○		
2.c.	Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ○ n ○		
2.d.	Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ○ n ○ **A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.**		
2.e.	Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ○ n ○ **IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.**		
2.f.	Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ○ n ○ **IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.**		

Site Code:	UPR-300-31	2/10/99

		YES	NO
3.	**Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)**		
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y ○ n ○		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y ○ n ○		
	IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	**Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?**	YES ○	NO ○
5.	**Is the unit an inactive, contaminated structure?**	YES ○	NO ○
6.	**Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?**	YES ○	NO ○
7.	**Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?**	YES ○	NO ○

Comments: This unplanned release has been determined to be a duplicate of UPR-300-40.

ERC Data Management Investigator — Date: 2/11/99

Regulatory Compliance Concurrence — Date: 2-11-99

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence — Date: 2/12/99

Lead Regulatory Agency Concurrence — Date: 2/12/99

Waste Information Data System
General Summary Report

3/2/1999

Site Code: UPR-300-41 **Site Reclassification Status:** Closed Out

Site Names: UPR-300-41, 300 Area #340 Building Phosphoric Acid Spill, UN-300-41

Site Type: Unplanned Release

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 300

Start Date: 1986

End Date: 1986

Coordinates:

(E) 594169.812

(N) 115928.641

Washington State Plane

Site Description: The release involved asphalt and soil in the 340 Complex yard. Facility personnel do not know the exact location of the spill.

Location Description: UPR-300-41 occurred approximately 4.6 meters (15 feet) west of the 340 Building.

Associated Structures: UPR-300-41 was associated with an asphalt pad west of the 340 Building.

Site Comment: An attempt was made by WIDS staff to identify and retrieve the results of the final cleanup sampling. Employees at the 340 Complex, 222-S Laboratory, and former HEHF (Hanford Environmental Health Foundation) Chemical Analysis Laboratory were contacted. No sample results have been located.

Cleanup Activities: The spilled material was neutralized, absorbed and packed into drums. Contaminated soils were excavated and placed in drums for disposal. The asphalt pad was cleaned. Cleanup was judged to be complete when the concentration of chromium in soil samples was less than 5 parts per million.

Release Description: Three drums allegedly containing nitric acid were received from Battelle for use in a charcoal filter efficiency test on April 17, 1986. On June 3, 1986, one of the drums was found to have failed. Approximately 113.6 liters (30 gallons) of liquid had contaminated part of an asphalt pad and an area of soil next to the pad.

The drum was labeled "Sulfuric Acid." The initial clean up involved using sodium bicarbonate and water to neutralize the acid. The spill area did not respond to the clean up method so a sample of the spilled liquid was analyzed. The results indicated the spilled material was phosphoric acid, with high concentrations of chromium, manganese, iron, and nickel in solution.

Access Requirements: Hazardous Waste Training

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. 2/96, Hanford Federal Facility Agreement and Consent Order: Fifth and Sixth Amendment, 89-10, Rev 4.
5. S.M. McKinney, 10-14-98, Edits to WPD Sites in 300-FF-2.
6. R. P. Allen, 6-3-86, Transfer of Incorrectly Identified Drum of Hazardous Liquid to Another Contractor, EFS-86-14.
7. Fred Biebesheimer, 11-19-98, Walkcowns of 300 Area Sites., EL-1492.

Site Hazards:

Hazard Type: Chemical **Status:** Remediated **Date:** 10/13/97

Description: Acidic/Caustic Solutions

References:

Dimensions:

Comment: The exact size of the area contaminated by the acid is unknown.

References: 1. Fred Biebesheimer, 11-19-98, Walkdowns of 300 Area Sites., EL-1492.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30 **Confirmed By Program:** Yes

DOE Division: WPD - Waste Program Division

Responsible Contractor/Subcontractor: WMH - Waste Management Federal Services of Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Chemicals	**Amount:**	114.00
Category:	Hazardous/Dangerous	**Units:**	Liters
Physical State:	Solid	**Reported Date:**	1986
Start Date:	1986	**End Date:**	1986

Description: A detailed analysis on a sample taken from the leaking drum showed the released liquid consisted of phosphoric acid containing 14,000 parts per million chromium, 1,900 parts per million manganese, 1,700 parts per million iron, and 400 parts per million nickel.

References:
1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. R. P. Allen, 6-3-86, Transfer of Incorrectly Identified Drum of Hazardous Liquid to Another

Contractor, EFS-86-14.

Field Work:

Type:	Site Walkdown		
Begin Date:	11/19/1998	**Field Crew:**	Fred Biebeshiemer
End Date:	12/10/1998		
Purpose:	Field Verification		
Comment:	No sign of the release is apparent		
References:	1. Fred Biebesheimer, 11-19-98, Walkdowns of 300 Area Sites., EL-1492.		

Images:

Date Taken:	11/19/98
Pathname:	\\bhi002\esd-img\300\1596\1596_01.JPG
Description:	This photo shows the approximate location of the spill on the asphalt pad east of the 340 building (center).

Waste Site Reclassification Form

Date Submitted: 1/12/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-011
Originator: R. D. Haggard, H6-25	**Waste Site ID:** UPR-300-41	
Phone: (509) 376-3723	**Type of Reclassification Action:**	
	Rejected ○	
	Closed-Out ◉	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Three drums allegedly containing nitric acid were received from Battelle for use in a charcoal filter efficiency test on April 17, 1986. On 6-3-86, one of the drums labeled "Sulfuric Acid" was found to have failed. Approximately 114 liters (30 gallons) of liquid had contaminated part of an asphalt pad and an area of soil next to the pad.

The initial clean up involved using sodium bicarbonate and water to neutralize the acid. The spill area did not respond to the clean up method so a sample of the spilled liquid was analyzed. The results indicated the spilled material was phosphoric acid, with high concentrations of chromium, manganese, iron, and nickel in solution.

A detailed analysis on a sample taken from the leaking drum showed the released liquid consisted of phosphoric acid containing 14,000 parts per million chromium. 1,900 parts per million manganese, 1,700 parts per million iron, and 400 parts per million nickel.

Basis for reclassification:

The spilled material was neutralized, absorbed and packed into drums. Contaminated soils were excavated and placed in drums for disposal. The asphalt pad was cleaned. Cleanup was judged to be complete when the concentration of chromium in soil samples was less than 5 parts per million. The cleanup sample results are not available.

Glenn Richardson	Glenn Richardson	2/24/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

2/14/2000

Site Code: UPR-300-43 **Site Reclassification Status: Rejected**

Site Names:	UPR-300-43, 300 Area Solvent Refined Coal Spill, UN-300-43		
Site Type:	Unplanned Release	**Start Date:**	1986
Status:	Inactive	**End Date:**	1986
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	300	(E) 593886	
		(N) 115741.609	
		Washington State Plane	

Site Description: The site is an unplanned release to the soil adjacent to the 329 Building. All discolored soil was removed from the site. No occurrence report could be found for this site.

Location Description: The release occurred in the soil outside the 329 Building in the 300 Area.

Process Description: During the time of the oil crisis (1980s), the coal liquifaction process was developed to produce an alternative fuel source. Full scale production pilot plants were developed to liquify coal through fractional distillation. Each of the pilot plants developed their own process for liquifying coal. Solvents were used to liquify the coal.

Pacific Northwest Laboratory's (PNL's) task was to study the effects of fractional distillation on the genotoxic potential of solvent refined coal liquids.

PNL received product material from six different source pilot plants. Samples that were taken from the source product were subjected to initial chemical analysis, chemical fractionation, and in vitro bioassay. The references listed describe the tests and the results.

Associated Structures: The UPR-300-43 was associated with the 329 Building.

Site Comment: The UPR-300-43 occurred in July of 1986.

Bary Wilson, who managed the analytical studies of solvent refined coal, provided the following, additional information:

During the time the materials were being studied (See process description), they were stored in drums or cans and kept in a conex-type enclosure located near the 331 building. If a release did occur, it would be of no concern from an environmental or health standpoint provided the material was later removed. Given that the released material was reportedly collected and disposed of, there should now be no concern.

Some of the materials were toxic because of sulfur containing compounds in the naptha or volatile fractions, primary aromatic amines in the mid-distillate non-volatile fractions, and/or polycyclic aromatic hydrocarbons in the upper range mid-distillate and heavy-end fractions. Even if left on the ground, the volatile materials, if any, would have long since disappeared and the aromatic amines would have been degraded by sunlight or converted by soil microbes. Polycyclic aromatic hydrocarbons are more persistent, but were in low concentrations and with rain and snow would probably not be detectable 10 years later, even if one were able to find the spill site.

For comparison, the environmental contamination from one rainstorm washing released crank case oil off of parking lots into storm drains is roughly comparable, and certainly greater, than what could have been caused by a small release (less than one barrel) of product solvent refined coal.

Release Description: UPR-300-43 occurred when solvent refined coal was spilled to the ground. The spill was caused by failure of a corroded container.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Michael R. Schwab, Dennis D. Dauble, 9/18/98, Telecon Interview with Dennis Dauble, PNNL.
3. Bary W. Wilson, Michael R. Schwab, 9/20/98, Request for Information re: Solvent Refined Coal.
4. R. A. Pelroy and B. W. Wilson, 9/81, Fractional Distillation as a Strategy for Reducing the Genotoxic Potential of SRC-II Coal Liquids: A Status Report, PNL-3787, UC-90d, Rev 200.
5. B. W. Wilson, R. A. Pelroy, and D. D. Mahlum, 7/1982, Chemical Characterization and Genotoxic

Potential Related to Boiling Point for Fractionally Distilled SRC-1 Coal Liquids, PNL-4277, UC-90d, Rev 200.
6. B. W. Wilson, R. A. Pelroy, R. P. Anderson, and J. Freel, 12/1983, Chemical and Biological Effects of Heavy Distillate Recycle in the SRC-II Process, PNL-4815, Rev 200.
7. D. W. Later, R. A. Pelroy, and B. W. Wilson, 5/1984, Chemical Analysis and Biological Testing of Materials from the EDS Coal Liquifaction Process: A Status Report, PNL-4960, UC-90d, Rev 200.
8. B. W. Wilson, D. W. Later, C. W. Wright, and D. L. Stewart, 1/1985, Chemical Analysis and Mutational Assay of Distilled Oils from the H-Coal Direct Liquifaction Process: A Status Report, PNL-5288, UC-90d, Rev 200.
9. C. W. Wright, D. W. Later, D. D. Dauble, and B. W. Wilson, 7/1985, Fractionally Distilled SRC-1, SRC-II, EDS, H-Coal, and ITSL Direct Coal Liquifaction Process Materials: A Comparative Summary of Chemical Analysis and Biological Testing, PNL-5528, UC-90d, Rev 200.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30 **Confirmed By Program:** Yes

DOE Division: STO - Science & Technology Operations

Responsible Contractor/Subcontractor: PNNL. Pacific Northwest National Laboratory.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Chemicals	**Amount:**	55.00
Category:	Hazardous/Dangerous	**Units:**	Gallons
Physical State:	Solid		
Description:	The release consisted of solvent-refined coal (light fraction) that was spilled to the ground.		
References:	1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.		

Images:

Date Taken: 9/16/98
Pathname: \\bhi002\esd-img\300\1598\1598_01.JPG
Description: This image is a perspective view of the south side of the 329 building, showing the general area where UPR-300-43 is documented to have occurred.

Date Taken: 9/16/98
Pathname: \\bhi002\esd-img\300\1598\1598_02.JPG
Description: This image is a perspective view of the south side of the 329 building, showing the general area where UPR-300-43 is documented to have occurred.

Date Taken: 9/16/98
Pathname: \\bhi002\esd-img\300\1598\1598_03.JPG
Description: This image is a view of the gravel area adjacent to the 329 building.

Date Taken: 9/16/98
Pathname: \\bhi002\esd-img\300\1598\1598_04.JPG
Description: This image is a view of the gravel area adjacent to the 329 building. The metal shed (right edge of picture) may cover the spill site.

Date Taken: 9/16/98
Pathname: \\bhi002\esd-img\300\1598\1598_05.JPG
Description: This image is a view of the gravel area adjacent to the 329 building. The metal shed (left edge of picture) may cover the spill site.

Date Taken: 9/16/98
Pathname: \\bhi002\esd-img\300\1598\1598_06.JPG
Description: This image shows some exposed soil beneath the gravel.

Waste Site Reclassification Form

Date Submitted: 9/21/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-076
Originator: R. L. Donahoe, MSIN X9-06	**Waste Site ID:** UPR-300-43	
Phone: 373-6879	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an unplanned release of less than 208 liters (55 gallons) of solvent refined coal due to failure of a corroded container. All discolored soil was removed shortly after the release. The release occurred in July 1986. No occurrence report was written. The exact location of the spill has not been determined.

Basis for reclassification:

The discolored soil was removed from the site. The studies of solvent refined coal determined that some of the materials were toxic because of sulfur containing compounds in the naptha or volatile fractions, primary aromatic amines in the mid-distillate non-volatile factions and/or polycyclic aromatic hydrocarbons in the upper range mid-distillate and heavy-end fractions. If any material remained, the volatile materials would have long since disappeared and the aromatic amines would have been degraded by sunlight or converted by soil microbes. The polycyclic aromatic hydrocarbons were in low concentrations and would probably not be detectable due to th effects of rain and snow over the past 12 years.

MARY E BURANDT	Mary E Burandt	9/22/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R Einan	David R Einan	22 Sept 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: UPR-300-44 **Site Reclassification Status:** Rejected

Site Names:	UPR-300-44, 313 Building, Uranium Bearing Waste Etch-Acid Spill, UN-300-44		
Site Type:	Unplanned Release	**Start Date:**	
Status:	Inactive	**End Date:**	1985
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	300	(E) 593845.938	
		(N) 116189.078	
		Washington State Plane	

Site Description: The release site was to the soil around a section of process sewer line. The information for this site has been incorporated into WIDS Site UPR-300-38. UPR-300-38 addresses the soil contamination under the 313 Building.

Location Description: UPR-300-44 occurred in a section of the underground process sewer line from the Uranium Recovery Area in the 313 Building.

Process Description: The 313 Building process sewer collected chemical waste solutions from throughout the chemical processing areas from the start of operations in the 313 Building. The waste solutions drained to the 300 Area ponds until the 1970s when process effluent improvement projects were begun to replace liquid waste discharges to the soil with collection and treatment processes. (See WIDS Site 313 URO).

Associated Structures: UPR-300-44 was associated with the 313 Building.

Site Comment: The leak was discovered in January of 1985, however, the date the leak started is unknown.

Release Description: While a new extrusion press was being installed, a leak was discovered in a section of process sewer line. The leak had resulted in a discharge to the ground. The source of the leaking solution was unknown and it was unknown how long the leak had persisted. Spills in the 313 Uranium Recovery Area could have entered this line, resulting in ground disposal of hazardous substances.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
3. 2/96, Hanford Federal Facility Agreement and Consent Order: Fifth and Sixth Amendment, 89-10, Rev 4.
4. 3/96, 300 Area Waste Acid Treatment System Closure Plan, DOE/RL-90-11, Rev 1.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-60	**Confirmed By Program:**	Yes
DOE Division:	TPD - Transition Program Division		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

UPR-300-38, Soil Contamination Beneath the 313 Building

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit: No **216/218 Permit:** No

RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Process Effluent

Category: Mixed

Physical State: Liquid

Description: The release consisted of wastewater and possibly uranium-bearing acid (nitric and sulfuric acid with uranium in solution) or waste-etch acid (nitric, hydrofluoric, and chromic acids with uranium, copper, and zirconium metals in solution) to the soil. The spill area was possibly contaminated with byproduct waste material.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.

Waste Site Reclassification Form

Date Submitted: 2/9/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-017
Originator: J. A. Remaize, L6-26	**Waste Site ID:** UPR-300-44	
Phone: (509) 272-1462	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

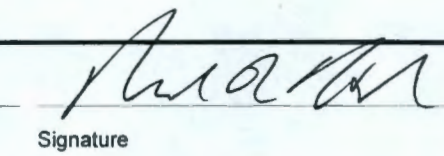
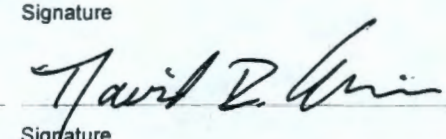
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

While a new extrusion press was being installed, a leak was discovered in a section of process sewer line. The leak had resulted in a discharge to the ground. The source of the leaking solution was unknown and it was unknown how long the leak had persisted. Spills in the 313 Uranium Recovery Area could have entered this line, resulting in ground disposal of hazardous substances.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of a number of unplanned releases that occurred because of process sewer system failure under the 313 Building. This unplanned release has been incorporated into UPR-300-38 that addresses all soil contamination under the 313 Building. Consolidation of this site with UPR-300-38 to address all of these unplanned releases as a single site is requested.

Mark R Hahn		2/12/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan		2/12/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: UPR-400-1 **Site Reclassification Status: Rejected**

Site Names: UPR-400-1, 400 Area Coolant Spill, UN-400-1

Site Type: Unplanned Release

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 400

Start Date:

End Date:

Coordinates:

(E) 587222.312

(N) 123166.656

Washington State Plane

Site Description: The site was an unplanned release that occurred during the construction of FFTF. This site is located somewhere in a field that is now a vegetation-free, gravel-covered area shaped like a semicircle bordered by an asphalt-covered roadway and parking area. The specific location can not be identified. There is no occurrence report for the site.

Location Description: The site is located north of the 427 building and east of the FMEF cooling units.

Site Comment: The site cannot be visually identified at its reported approximate location. There are no signs present to mark the site of the unplanned release.

Cleanup Activities: There is no documentation related to clean up actions.

Release Description: In February or March 1984, a solution consisting of approximately 189.3 liters (50 gallons) of 50% water and 50% ethylene glycol (aircraft de-icer mix) was spilled on the ground during construction.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Chemicals	**Amount:**	189.30
Category:	Hazardous/Dangerous	**Units:**	Liters
Physical State:	Liquid		

Description: The waste consisted of approximately 189.3 liters (50 gallons) of a coolant solution consisting of 50% water and 50% ethylene glycol.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Waste Site Reclassification Form

Date Submitted: 10/26/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98- 161
Originator: M. E. Eby	**Waste Site ID:** UPR-400-1	
Phone: (509) 376-8991	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was an unplanned release that occurred during the construction of FFTF. This site is located somewhere in a field that is now a vegetation-free, gravel-covered area shaped like a semicircle bordered by an asphalt-covered roadway and parking area. The specific location can not be identified. There is no occurrence report for the site.

Basis for reclassification:

The release consisted of approximately 189.3 liters (50 gallons) of a coolant solution consisting of 50% water and 50% ethylene glycol (aircraft de-icer mix) that was spilled on the ground during construction. The site cannot be visually identified at its reported approximate location. There are no signs present to mark the site of the unplanned release. Following construction, the field was leveled and covered with gravel.

Douglas H. Chapin	Douglas H. Chapin	12/3/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	3 Dec 98
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-1 **Site Reclassification Status:** Rejected

Site Names:	UPR-600-1, Contamination Spread at 618-10 Burial Ground, UN-600-1		
Site Type:	Unplanned Release	**Start Date:**	1961
Status:	Inactive	**End Date:**	1961
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 590826.125	
		(N) 121732.305	
		Washington State Plane	

Site Description: The release originated in the 618-10 Burial Ground. It contaminated the environment in the vicinity of the burial ground, extending 274 meters (300 yards) out from the burial ground fence, with radioactive particulates. The 618-10 Burial Ground has been surface stabilized and vegetated with grasses. The burial ground is fenced and posted as Underground Radioactive Material.

Location Description: UPR-600-1 occurred in the 618-10 Burial Ground and spread to an area extending approximately 274 meters (300 yards) outside the burial ground fence in the 600 Area.

Associated Structures: UPR-600-1 was associated with the 618-10 Burial Ground.

Site Comment: The maximum dose rate to fire personnel was 80 millirads/hour and the average dose rate was 6 millirads/hour. No personnel or equipment contamination was detected upon exit of the burial ground. UPR-600-1 occurred on July 4, 1961. The burned contaminated material included approximately 200 boxes and several CWS filters.

Cleanup Activities: The 618-10 Burial Ground was surface stabilized in 1983.

Release Description: The unplanned release at the 618-10 Burial Ground was caused by a fire within a burial trench. The fire destroyed all flammable material in the affected trench. The fire spread radioactive particulates to the immediate environment. At a distance of 15 to 23 meters (50 75 feet) outside the burial ground fence, the particle concentration was approximately 20 particles per 9.3 square meters (100 square feet). Most particles measured in excess of 100,000 counts/minute. At a distance of 274 meters (300 yards) from the fence, the particle concentration was 3 particles per 9.3 square meters (100 square feet) ranging from 4,000 to 20,000 counts/minute. After the fire was extinguished, the trench was covered with dirt.

Environmental Monitoring Description: A routine surface radiological survey is done a the the 618-10 Burial Ground annuall

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. D. M. Brady, 7/11/61, Fire at 300 North (618-10) Burial Ground on July 4, 1961, 61-0-22.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-40	**Confirmed By Program:**	Yes
DOE Division:	RPD - Restoration Projects Division		
Responsible Contractor/Subcontractor:	BHI - Bechtel Hanford, Inc.		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-10, 300 North Solid Waste Burial Ground, 318-10

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Ash

Category: Mixed

Physical State: Solid

Description: The waste consisted of burned "CWS" filters and an unknown amount of other materials.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Type: Chemicals

Category: Mixed

Physical State: Solid

Description: The waste consisted of approximately 200 boxes of contaminated materials.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Images:

Date Taken: 7/21/98

Pathname: \\bhi002\esd-img\600\1609\1609_01.JPG

Description: This digital photo of 618-10 was taken by 316-4 looking west/northwest towards FFTF. 618-1

0 is the waste site with which this unplanned release is associated.

Waste Site Reclassification Form

Date Submitted: 2/19/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-024
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-1	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unplanned release at the 618-10 Burial Ground was caused by a fire within a burial trench. The fire destroyed all flammable material in the affected trench including approximately 200 boxes of contaminated material and several "CWS" filters. The fire spread radioactive particulates to the immediate environment. At a distance of 15 to 23 meters (50 75 feet) outside the burial ground fence, the particle concentration was approximately 20 particles per 9.3 square meters (100 square feet). Most particles measured in excess of 100,000 counts/minute. At a distance of 274 meters (300 yards) from the fence, the particle concentration was 3 particles per 9.3 square meters (100 square feet) ranging from 4,000 to 20,000 counts/minute. After the fire was extinguished, the trench was covered with dirt.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-10 Burial Ground. Information regarding this release has been incorporated into 618-10 and will be addressed during burial ground remedation. Consolidation of this site with 618-10 is requested.

Robert G. McLeod	Robert G. McLeod	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-2 **Site Reclassification Status:** Rejected

Site Names:	UPR-600-2, Contamination Spread at 618-10, UN-600-2		
Site Type:	Unplanned Release	**Start Date:**	1963
Status:	Inactive	**End Date:**	1963
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 590853.062	
		(N) 121718.859	
		Washington State Plane	

Site Description: Contamination from this incident was identified in a 1.5 meter (5 foot) radius around the burial receptacle in the 618-10 Burial Ground, an area in front of the burial ground access gate, and a spot in front of the 300 Area Powerhouse. The 618-10 Burial Ground has since been stabilized and revegetated. The burial ground is posted with Underground Radioactive Material signs.

Location Description: Contamination from UPR-600-2 was limited to an estimated 1.5-meter (5 foot) radius around the burial barrel in the 618-10 Burial Ground, an area in front of the burial ground access gate, and a spot on the road in front of the 300 Area Powerhouse.

Associated Structures: UPR-600-2 was associated with the 618-10 Burial Ground and the 300 Area Powerhouse.

Site Comment: UPR-600-2 occurred on February 14, 1963.

Release Description: During a routine "milk can" burial, a contamination spread occurred at the 618-10 Burial Ground. An investigation resulted when the truck driver was found to be contaminated after completing the burial. A radiation survey was conducted from the 327 Building to the 618-10 Burial Ground. A spot of contamination was found in front of the 300 Area Powerhouse. Another area of contamination was found in front of the burial ground access gate. No contamination was found on the highway. A 1.5 meter (5 foot) radius around the burial receptacle was found to be contaminated to 80,000 counts per minute.

Environmental Monitoring Description: A survey at the time of the release detected contamination of up to 30,000 counts per minute on a truck driver's clothing. The clothing was discarded and the highway was closed so that surveys could be conducted on the truck's known pathway. No contamination was detected on the highway.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. Nearing, D.L., 1983, Stabilization Information, Environmental Control Program Weekly Activity Reports.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. C. E. Newton, Jr., 2/18/63, Radiation Incident and Highlight Report: Contamination Spread at 300 North Burial Ground (2/14/1963).

Site Hazards:

Hazard Type: Chemical **Status:** Converted **Date:** 10/13/97
Description: Chemicals
References:

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-40	**Confirmed By Program:**	Yes
DOE Division:	RPD - Restoration Projects Division		
Responsible Contractor/Subcontractor:	BHI - Bechtel Hanford, Inc.		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-10, 300 North Solid Waste Burial Ground, 318-10

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Mixed

Physical State: Solid

Description: Contamination detected at the time of the release ranged from 60,000 to 80,000 counts per minute around the barrel in the 618-10 Burial Ground, 40,000 counts per minute in front of the 300 Area Powerhouse, and 80,000 counts per minute in front of the burial ground access gate.

References: 1. 2/15/63, Radiation Incident - Telephone Report: Contamination spread, 300-N Burial Ground, 300 Area.

Images:

Date Taken: 7/21/98

Pathname: \\bhi002\esd-img\600\1618\1618_01.JPG

Description: This digital photo of 618-10 was taken by 316-4 looking west/northwest towards FFTF. 618-10 is the waste site with which this unplanned release is associated.

Waste Site Reclassification Form

Date Submitted: 2/18/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-023
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-2	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

During a routine "milk can" burial, a contamination spread occurred at the 618-10 Burial Ground. An investigation resulted when the truck driver was found to be contaminated after completing the burial. A radiation survey was conducted from the 327 Building to the 618-10 Burial Ground. A spot of contamination was found in front of the 300 Area Powerhouse. Another area of contamination was found in front of the burial ground access gate. No contamination was found on the highway. A 1.5 meter (5 foot) radius around the burial receptacle was found to be contaminated to 80,000 counts per minute.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-10 Burial Ground. Information regarding this release has been incorporated into 618-10 and will be addressed during burial ground remedation. Consolidation of this site with 618-10 is requested.

Robert G McLeod	Robert G McLeod	Feb 24, 1999
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-3 **Site Reclassification Status:** Rejected

Site Names:	UPR-600-3, Contamination Spread at 618-10		
Site Type:	Unplanned Release	**Start Date:**	1963
Status:	Inactive	**End Date:**	1963
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 590826.125	
		(N) 121708.773	
		Washington State Plane	

Site Description: The release site was an area of soil around a burial barrel within the 618-10 Burial Ground. The release area was surface stabilized with the rest of the burial ground in 1983. The burial ground is fenced and posed as an Underground Radioactive Material area.

Location Description: The release site was approximately 56 square meters (600 square feet) of ground within the 618-10 Burial Ground in the 600 Area.

Associated Structures: UPR-600-3 was associated with the 618-10 Burial Ground.

Site Comment: At the time of the release, the site was washed down by the Fire Department to preclude the spread of contamination.

Cleanup Activities: The 618-10 Burial Ground was fenced, posted, stabilized, and revegetated in 1983.

Release Description: On September 4, 1993, an improper container was used to dispose of waste into the 618-10 Burial Ground. The lid of the container came off, causing dust to puff out of the barrel and onto the ground. An area approximately 56 square meters (600 square feet) was contaminated to 400 millirads/hour at 5 centimeters (2 inches). The truck and the driver were also slightly contaminated.

Environmental Monitoring Description: A surface radiological survey of the 618-10 Burial Ground is done annually.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. S. J. Phillips, et al, 7/79, Characterization of the Hanford 300 Area Burial Grounds, PNL-2557.
2. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
3. Nearing, D.L., 1983, Stabilization Information, Environmental Control Program Weekly Activity Reports.
4. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
5. FH Sanders, 10/2/63, Hanford Laboratories Radiation Occurrence Report: Small Spread and Clothing Contamination in the 300-N Burial Ground (9/4/1963), 63-0-27.

Site Hazards:

Hazard Type: Chemical **Status:** Converted **Date:** 10/13/97
Description: Chemicals
References:

Dimensions:

Sq. Area: 55.74 sqMeters 600.00 sqFeet

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-10, 300 North Solid Waste Burial Ground, 318-10

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemical Release

Category: Mixed

Physical State: Solid

Description: The waste consisted of radioactive dust that was improperly containerized.

References: 1. FH Sanders, 10/2/63, Hanford Laboratories Radiation Occurrence Report: Small Spread and Clothing Contamination in the 300-N Burial Ground (9/4/1963), 63-0-27.

Images:

Date Taken: 7/21/98

Pathname:	\\bhi002\esd-img\600\1621\1621_01.JPG
Description:	This digital photo of 618-10 was taken by 316-4 looking west/northwest towards FFTF. 618-10 is the waste site with which this unplanned release is associated.

Waste Site Reclassification Form

Date Submitted: 2/18/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-022
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-3	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

On September 4, 1993, an improper container was used to dispose of waste into the 618-10 Burial Ground. The lid of the container came off, causing dust to puff out of the barrel and onto the ground. An area approximately 56 square meters (600 square feet) was contaminated to 400 millirads/hour at 5 centimeters (2 inches). The truck and the driver were also slightly contaminated. At the time of the release, the site was washed down by the Fire Department to preclude the spread of contamination.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-10 Burial Ground. Information regarding this release has been incorporated into 618-10 and will be addressed during burial ground remedation. Consolidation of this site with 618-10 is requested.

Robert G. Lerch	Robert G. Lerch	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-4 **Site Reclassification Status:** Rejected

Site Names:	UPR-600-4, Contamination Spread at 618-11		
Site Type:	Unplanned Release	**Start Date:**	1964
Status:	Inactive	**End Date:**	1964
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 589002.625	
		(N) 127275.688	
		Washington State Plane	

Site Description: The release consisted of an area of soil contamination in the 618-11 Burial Ground. The release site was surface stabilized along with the rest of the burial ground in 1983.

Location Description: UPR-600-4 contaminated an estimated 93 square meters (1,000 square feet) in the 618-11 Burial Ground in the 600 Area.

Associated Structures: UPR-600-4 was associated with the 618-11 Burial Ground.

Site Comment: Following the incident, fire hoses were used to wash down the equipment and the contaminated area with water to preclude further spread of the contamination.

Cleanup Activities: The 618-11 Burial Ground was surface stabilized in 1983.

Release Description: A trailer truck hauling two waste casks from the 327 Building attempted to deposit waste into the vertical waste barrels at the 300 Wye Burial Ground. As a waste can was dropped into a burial barrel, a "blowback" of radioactive material occurred, contaminating of four employees, the vehicle and approximately 90 square meters (1000 square feet) of ground in the burial ground. Soil contamination levels averaged 10,000 counts per minute. It was also discovered that three of the waste cans had fallen from the cask and were lodged in the drop chute of the second cask. It was determined that the slide on the bottom of the cask had not been properly secured and the waste had vibrated into the drop chute during transit.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. Nearing, D.L., 1983, Stabilization Information, Environmental Control Program Weekly Activity Reports.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. Peter Mosler, 3/24/64, Contamination Spread at the 300 Wye Burial Ground on March 6, 1964, 64-8.

Site Hazards:

Hazard Type: Chemical **Status:** Converted **Date:** 10/13/97
Description: Chemicals

References:

Dimensions:

Sq. Area: 92.90 sqMeters 1,000.00 sqFeet

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Mixed

Physical State: Solid

Description: The release consisted of radioactive waste from the High-Level Radiochemistry Facility. The waste had readings of up to 10,000 counts per minute.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Images:

Date Taken: 7/16/98

Pathname:	\\bhi002\esd-img\600\1622\1622_01.JPG
Description:	This aerial photo shows the burial ground when it was open and active. One open trench is visible. The caissons are visible in the lower right corner and right side of the photo.

Waste Site Reclassification Form

Date Submitted: 2/22/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-025
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-4	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

A trailer truck hauling two waste casks from the 327 Building attempted to deposit waste into the vertical waste barrels at the 300 Wye Burial Ground. As a waste can was dropped into a burial barrel, a "blowback" of radioactive material occurred, contaminating of four employees, the vehicle and approximately 90 square meters (1000 square feet) of ground in the burial ground. Soil contamination levels averaged 10,000 counts per minute. It was also discovered that three of the waste cans had fallen from the cask and were lodged in the drop chute of the second cask. It was determined that the slide on the bottom of the cask had not been properly secured and the waste had vibrated into the drop chute during transit. Following the incident, fire hoses were used to wash down the equipment and the contaminated area with water to preclude further spread of the contamination.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-11 Burial Ground. Information regarding this release has been incorporated into 618-11 and will be addressed during burial ground remedation. Consolidation of this site with 618-11 is requested.

Robert G McLeod	Robert G McLeod	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-5 **Site Reclassification Status:** Rejected

Site Names: UPR-600-5, Contamination Spread at 618-11

Site Type: Unplanned Release

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date: 1964

End Date: 1964

Coordinates:

(E) 589008.062

(N) 127262.953

Washington State Plane

Site Description: The release site was covered with a layer of clean material immediately after the release. The release site consisted of an area of soil in the 618-11 Burial Ground. The 618-11 Burial Ground was surface stabilized in 1983. The burial Ground is fenced and posted as Underground Radioactive Material.

Location Description: UPR-600-5 contaminated an estimated 167 square meters (1,800 square feet) of ground surface in the 618-11 Burial Ground.

Associated Structures: UPR-600-5 was associated with the 618-11 Burial Ground.

Cleanup Activities: The 618-11 Burial Ground was surface stabilized in 1983.

Release Description: On May 18, 1964, a contamination incident occurred while dumping canned waste from the 325 Building from a waste cask at the 300 Wye Burial Ground. The waste truck was positioned over a waste receptacle barrel and the waste chute was opened. Fine white powder was seen drifting out of the chute. After washing down the chute and the plastic chute extension, contamination was detected. Ground contamination was identified measuring approximately 167 square meters (1800 square feet) with contamination levels of 500 counts per minute. An area of 18 square meters (200 square feet) was contaminated with levels ranging from 10,000 to 20,000 counts per minute. Two employees were also found to be contaminated. A layer of ballast (gravel) was placed over the ground contamination and reduced the readings to background levels.

Environmental Monitoring Description: A survey at the time of the release detected contamination with readings of up to 500 counts per minute.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. Nearing, D.L., 1983, Stabilization Information, Environmental Control Program Weekly Activity Reports.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. D. O. Erickson, 5/20/64, Contamination Spread at the 300 Wye Burial Ground on May 20, 1964, 64-15.

Site Hazards:

Hazard Type: Chemical **Status:** Converted **Date:** 10/13/97

Description: Chemicals

References:

Dimensions:

Sq. Area: 167.23 sqMeters 1,800.00 sqFeet

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

Regulatory Information:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Mixed

Physical State: Solid

Description: The release consisted of gross fission products with beta and gamma contamination. The wastes were generated in the Radio Chemistry Building (325 Building) and packaged in cars.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Images:

Date Taken: 7/16/98

Pathname: \\bhi002\esd-img\600\1623\1623_01.JPG

Description: This aerial photo shows the burial ground when it was open and active. One open trench is visible. The caissons are visible in the lower right corner and right side of the photo.

Waste Site Reclassification Form

Date Submitted: 2/22/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-026
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-5	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

On May 18, 1964, a contamination incident occurred while dumping canned waste from the 325 Building from a waste cask at the 300 Wye Burial Ground. The waste truck was positioned over a waste receptacle barrel and the waste chute was opened. Fine white powder was seen drifting out of the chute. After washing down the chute and the plastic chute extension, contamination was detected. Ground contamination was identified measuring approximately 167 square meters (1800 square feet) with contamination levels of 500 counts per minute. An area of 18 square meters (200 square feet) was contaminated with levels ranging from 10,000 to 20,000 counts per minute. Two employees were also found to be contaminated. A layer of ballast (gravel) was placed over the ground contamination and reduced the readings to background levels.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-11 Burial Ground. Information regarding this release has been incorporated into 618-11 and will be addressed during burial ground remedation. Consolidation of this site with 618-11 is requested.

Robert G. McLeod	Robert G. McLeod	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Ekman	David R. Ekman	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-6 **Site Reclassification Status:** Rejected

Site Names:	UPR-600-6, Contamination Spread at 618-11		
Site Type:	Unplanned Release	**Start Date:**	1965
Status:	Inactive	**End Date:**	1965
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 589022.625	
		(N) 127262.953	
		Washington State Plane	

Site Description: The release contaminated an area of soil within the 618-11 Burial Ground. The 618-11 Burial Ground was surface stabilized in 1983. The burial ground is fenced and posted Underground Radioactive Material.

Location Description: UPR-600-6 contaminated an estimated 130 square meters (1,400 square feet) in the 618-11 Burial Ground in the 600 Area.

Associated Structures: UPR-600-6 was associated with the 618-11 Burial Ground.

Site Comment: After this event, it was recommended that waste disposal under adverse wind conditions should be avoided. The maximum wind velocity under which waste disposal could be made was recommended to be 16 kilometers/hour (10 miles/hour).

Cleanup Activities: The entire burial ground was surface stabilized in 1983.

Release Description: On February 8, 1965, winds blew waste from a truck, over an employee, and onto the ground, causing spotty contamination at the 618-11 Burial Ground. Winds that day were measured at 51 kilometers per hour (32 miles per hour) with gusts up to 71 kilometers per hour (44 miles per hour).

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. Nearing, D.L., 1983, Stabilization Information, Environmental Control Program Weekly Activity Reports.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. T. H. Essig, 2/11/65, Contamination Spread at the 300-Wye Burial Ground on February 8, 1965, 65-05.

Site Hazards:

Hazard Type: Chemical **Status:** Converted **Date:** 10/13/97

Description: Chemicals

References:

Dimensions:

Sq. Area: 130.06 sqMeters 1,400.00 sqFeet

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Mixed

Physical State: Solid

Description: The waste consisted of ruthenium-103 and zirconium-niobium-95 with readings from 100 counts per minute to 200 millirads/hour.

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

Images:

Date Taken: 7/16/98

Pathname: \\bhi002\esd-img\600\1624\1624_01.JPG

Description: This aerial photo shows the burial ground when it was open and active. One open trench is visible. The caissons are visible in the lower right corner and right side of the photo.

Waste Site Reclassification Form

Date Submitted: 2/22/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-027
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-6	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

On February 8, 1965, winds blew waste from a truck, over an employee, and onto the ground, causing spotty contamination at the 618-11 Burial Ground. Winds that day were measured at 51 kilometers per hour (32 miles per hour) with gusts up to 71 kilometers per hour (44 miles per hour). A 130 square meter (1,400 square foot) area of soil was contaminated with waste consisting of ruthenium-103 and zirconium-niobium-95 with readings from 100 counts per minute to 200 millirads/hour.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-11 Burial Ground. Information regarding this release has been incorporated into 618-11 and will be addressed during burial ground remedation. Consolidation of this site with 618-11 is requested.

Robert G McLeod	Robert G McLeod	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-7 **Site Reclassification Status:** Rejected

Site Names: UPR-600-7, Contamination Spread at 618-11

Site Type: Unplanned Release

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date: 1965

End Date: 1965

Coordinates:

(E) 589028.062

(N) 127275.688

Washington State Plane

Site Description: The release site was an area of ground in the 618-11 Burial Ground. The 618-11 Burial Ground was surface stabilized in 1983. The burial ground is fenced and posted as Underground Radioactive Material.

Location Description: The release occurred in an area of soil in the 618-11 Burial Ground.

Associated Structures: UPR-600-7 was associated with the 618-11 Burial Ground.

Cleanup Activities: The 618-11 Burial Ground was surface stabilized in 1983.

Release Description: During the burial of a wooden box containing a highly contaminated waste filter from the 327 Building, an employee became contaminated. The truck was positioned at the burial trench and the truck bed was tilted. However, the box did not slide off the truck. The employee left the truck cab and noticed clouds of dust emitting out of the box seams, causing spotty contamination in the immediate vicinity and levels of 6,000 counts per minute on the employee.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. Nearing, D.L., 1983, Stabilization Information, Environmental Control Program Weekly Activity Reports.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. T. H. Essig, 3/5/65, Contamination Spread at the 300 Wye Burial Ground on March 1, 1965, 65-08.

Site Hazards:

Hazard Type: Chemical **Status:** Converted **Date:** 10/13/97

Description: Chemicals

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Mixed

Physical State: Solid

Description: The waste was generated at the high-level radiochemistry building (327 Building). The waste consisted of a dust from a highly contaminated filter.

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

Images:

Date Taken: 7/16/98

Pathname: \\bhi002\esd-img\600\1625\1625_01.JPG

Description: This aerial photo shows the burial ground when it was open and active. One open trench is visible. The caissons are visible in the lower right corner and right side of the photo.

Waste Site Reclassification Form

Date Submitted: 2/22/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-028
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-7	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

During the burial of a wooden box containing a highly contaminated waste filter from the 327 Building, an employee became contaminated. The truck was positioned at the burial trench and the truck bed was tilted. However, the box did not slide off the truck. The employee left the truck cab and noticed clouds of dust emitting out of the box seams, causing spotty contamination in the immediate vicinity and levels of 6,000 counts per minute on the employee.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-11 Burial Ground. Information regarding this release has been incorporated into 618-11 and will be addressed during burial ground remedation. Consolidation of this site with 618-11 is requested.

Robert G. McLeod	Robert G. McLeod	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-8 **Site Reclassification Status: Rejected** Page 1

Site Names: UPR-600-8, Contamination Spread at 618-11

Site Type: Unplanned Release

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date: 1967

End Date: 1967

Coordinates:

(E) 589011.688

(N) 127270.234

Washington State Plane

Site Description: The release contaminated an area of soil in the 618-11 Burial Ground. Following the release, area was covered with a layer of clean gravel. The 618-11 Burial Ground was surface stabilized in 1983. The burial ground is fenced and posted as Underground Radioactive Material

Location Description: UPR-600-8 contaminated soil in the 618-11 Burial Ground.

Associated Structures: UPR-600-8 was associated with the 618-11 Burial Ground.

Cleanup Activities: A 300 Area Fire Department pumper unit was dispatched to immediately wash down the contaminated equipment and ground with water. The contaminated ground was covered with gravel. The entire 618-11 Burial Ground was surface stabilized in 1983.

Release Description: UPR-600-8 occurred on April 7, 1967 during routine burial operations at the 300 Wye Burial Ground (618-11). Waste from the 327 building was being deposited into a vertical waste receptacle through a chute from a cask. The contamination spread occurred as a result of air backup from the waste barrel or loose contamination blown from the release gate of the cask. At the time of the burial, the operation was being conducted from the upwind side of the cask. At the moment the waste was dropped into the chute, the wind reversed in a strong gust, causing the airborne spread of contaminants. An area of ground approximately 2.7 square meters (30 square feet) was contaminated to a maximum of 100,000 counts per minute. Three employees and the transport truck were also contaminated.

Environmental Monitoring Description: A survey of the release area detected contamination with readings of up to 100,000 counts per minute.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. Nearing, D.L., 1983, Stabilization Information, Environmental Control Program Weekly Activity Reports.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. D. K. Sly, 4-18-67, Contamination Spread at the 300-Wye Burial Ground on April 7, 1967, BNW-67-21.

Site Hazards:

Hazard Type: Chemical **Status:** Converted **Date:** 10/13/97

Description: Chemicals

References:

Dimensions:

Sq. Area: 2.79 sqMeters 30.00 sqFeet

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Mixed

Physical State: Solid

Description: The waste consisted of, in-part, aluminum rupture cans that had been inspected in the High-Level Radio Chemistry Facility (327 Building). The fact that the airborne contaminant was a "fairly fresh fission product" indicates that it was picked up by the cans during transfer operations through "A" cell in the 327 Building.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Images:

Date Taken: 7/16/98

Pathname: \\bhi002\esd-img\600\1626\1626_01.JPG

Description: In the aerial photo, the green rectangle is the burial ground. The Windrow Site is a triangular area adjacent to the southeast corner of the burial ground. The light colored rectangle is the borrow area used during surface stabilization

Date Taken: 7/16/98

Pathname: \\bhi002\esd-img\600\1626\1626_02.JPG

Description: This aerial photo shows the burial ground when it was open and active. One open trench is visible. The caissons are visible in the lower right corner and right side of the photo.

Waste Site Reclassification Form

Date Submitted: 2/22/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-029
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-8	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

UPR-600-8 occurred on April 7, 1967 during routine burial operations at the 300 Wye Burial Ground (618-11). Waste from the 327 building was being deposited into a vertical waste receptacle through a chute from a cask. The contamination spread occurred as a result of air backup from the waste barrel or loose contamination blown from the release gate of the cask. At the time of the burial, the operation was being conducted from the upwind side of the cask. At the moment the waste was dropped into the chute, the wind reversed in a strong gust, causing the airborne spread of contaminants. An area of ground approximately 2.7 square meters (30 square feet) was contaminated to a maximum of 100,000 counts per minute. Three employees and the transport truck were also contaminated. A 300 Area Fire Department pumper unit was dispatched to immediately wash down the contaminated equipment and ground with water. The contaminated ground was then covered with gravel.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-11 Burial Ground. Information regarding this release has been incorporated into 618-11 and will be addressed during burial ground remedation. Consolidation of this site with 618-11 is requested.

Robert G. McLeod	Robert G. McLeod	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-9 **Site Reclassification Status:** Rejected

Site Names: UPR-600-9, Contamination Spread at 618-11

Site Type: Unplanned Release

Status: Inactive

Operable Unit: 300-FF-2

Hanford Area: 600

Start Date: 1967

End Date: 1967

Coordinates:
(E) 589019
(N) 127275.688
Washington State Plane

Site Description: The contamination spread was a large fan-shaped area extending in a northeast direction from the burial site. The contamination inside the burial ground was covered with gravel. Contamination outside the fence was turned under and the site was released from radiation zone status. The entire 618-11 Burial Ground was surface stabilized in 1983. An area outside the fence known as the "Wind Row" site was released from radiological control in 1972. The rows of soil are still visible, but the area is not marked or posted.

Location Description: UPR-600-9 contaminated a fan-shaped area that extended northeast from the dump chute in the 618-11 Burial Ground.

Associated Structures: UPR-600-9 is associated with the 618-11 Burial Ground and the adjacent "Wind Row" site (600-21 alias UPR-600-22).

Site Comment: The waste was being transported to the burial ground in the new 4500 kilogram (5 ton) cask. After releasing the waste from the cask into the vertical waste receptacle, the dose rate at the bore of the cask remained at the initial level of 450 millirads/hour, indicating that some of the waste had not cleared the cask. A water rinse of the cask bore had no effect in reducing the dose rate. The workers taped a plastic cover over the head of the cask and withdrew from the area. Three employees were found to have skin contamination. Two pickup trucks were found to be contaminated to levels of 50,000 counts per minute and 70,000 counts per minute. A survey of the ground defined the contaminated area as fan-shaped. Contamination levels 3 meters (10 feet) from the dump chute were 50 millirads/hour. At 25 meters (90 feet), the reading was 50,000 counts per minute. The minimum contamination level identified was 500 counts per minute at the power pole line, 228 meters (250 yards) from the chute.

Release Description: On April 14, 1967, during routine burial operations in the 618-11 Burial Ground, a piece of waste became wedged in the truck chute causing an airborne release of contamination.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. Nearing, D.L., 1983, Stabilization Information, Environmental Control Program Weekly Activity Reports.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. D. K. Sly, 4/18/67, Contamination Spread at the 300 Wye Burial Ground on April 14, 1967, BNW 67-22.

Site Hazards:

Hazard Type: Chemical **Status:** Converted **Date:** 10/13/97
Description: Chemicals
References:

Dimensions:

Length:	228.60	Meters	750.00	Feet
Width:	137.16	Meters	450.00	Feet

Comment: The contaminated area was fan-shaped.

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CE

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Mixed

Physical State: Solid

Description: The release consisted of airborne contamination from corroded aluminum rupture cans and pieces of an N Reactor safety rod from the 327 Building.

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

Images:

Date Taken: 7/16/98

Pathname: \\bhi002\esd-img\600\1627\1627_01.JPG

Description: This aerial photo shows the burial ground when it was open and active. One open trench is visible. The caissons are visible in the lower right corner and right side of the photo.

Waste Site Reclassification Form

Date Submitted: 2/22/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-030
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-9	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

On April 14, 1967, during routine burial operations in the 618-11 Burial Ground, a piece of waste became wedged in the truck chute causing an airborne release of contamination. The waste was being transported to the burial ground in the new 4500 kilogram (5 ton) cask. After releasing the waste from the cask into the vertical waste receptacle, the dose rate at the bore of the cask remained at the initial level of 450 millirads/hour, indicating that some of the waste had not cleared the cask. A water rinse of the cask bore had no effect in reducing the dose rate. The workers taped a plastic cover over the head of the cask and withdrew from the area. Three employees were found to have skin contamination. Two pickup trucks were found to be contaminated to levels of 50,000 counts per minute and 70,000 counts per minute. A survey of the ground defined the contaminated area as fan-shaped. Contamination levels 3 meters (10 feet) from the dump chute were 50 millirads/hour. At 25 meters (90 feet), the reading was 50,000 counts per minute. The minimum contamination level identified was 500 counts per minute at the power pole line, 228 meters (250 yards) from the chute. The contamination inside the burial ground was covered with gravel. Contamination outside the fence was turned under and the site was released from radiation zone status.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-11 Burial Ground. This release created areas of contamination within and outside of the 618-11 Burial Ground. The stabilized area outside of the burial ground is documented as waste site UPR-600-22, WPPSS Windrow Site. Information regarding this release has been incorporated into 618-11 and will be addressed during burial ground remedation. Consolidation of UPR-600-9 with 618-11 is requested. UPR-600-22 will be retained as a separate, but related waste site.

Robert G. McLeod	Robert G. McLeod	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/3/1999

Site Code: UPR-600-10 **Site Reclassification Status:** Rejected

Site Names:	UPR-600-10, Contamination Spread at 618-11		
Site Type:	Unplanned Release	**Start Date:**	1963
Status:	Inactive	**End Date:**	1963
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 589017.188	
		(N) 127284.789	
		Washington State Plane	

Site Description: The release contaminated an area of soil in the northeast corner of the 618-11 Burial Ground. The 618-11 Burial Ground was surface stabilized in 1983. The burial ground is fenced and posted as Underground Radioactive Contamination.

Location Description: The release contaminated approximately 36 square meters (400 square feet) of soil around Barrel 327-2 in the 618-11 Burial Ground.

Associated Structures: UPR-600-10 was associated with the 618-11 Burial Ground.

Cleanup Activities: Shortly after the contamination was identified, the ground area was washed down with 23,000 liters (6,000 gallons) of water to control contamination spreading by the wind. The most highly contaminated earth was shoveled into the vertical waste barrels, and the entire area was covered with several inches of clean sand. The 618-11 Burial Ground was surface stabilized in 1983.

Release Description: On September 30, 1963, a contamination release occurred during a routine, high level waste burial at the 300 Wye (618-11) Burial Ground. A "Milk Pail" container that was externally contaminated with a significant amount of loose, highly radioactive material, was discharged into the 327-2 vertical waste barrel (caisson) causing a contamination spread. Although the wind was less than 16 kilometers per hour (10 miles per hour), an area of contamination was identified that measured approximately 36 square meters (400 square feet) around the barrel. The cask truck had smearable contamination measuring 180 millirads/hour inside the left rear wheel, 40 millirads/hour on the drop chute and 10 millirads/hour on the top of the cask. The truck was sprayed with a fixing agent and taken to 200 West Area for decontamination. The maximum contamination reading on the ground was 1.4 rads/hour.

Environmental Monitoring Description: A radiation survey is done of the burial ground annually.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. D. L. Nearing, 11/1/83, RHO Internal Letter: Outdoor radiation area stabilized and released as of year end FY83, 05000-83-013.
4. F.H. Sanders, 10/28/63, Contamination Spread at the 300 Wye Burial Ground on September 30, 1963, 63-0-29.

Site Hazards:

Hazard Type: Chemical **Status:** Converted **Date:** 10/13/97
Description: Chemicals
References:

Dimensions:

Sq. Area:	37.16	sqMeters	400.00	sqFeet

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 **Confirmed By Program:** Yes

DOE Division: RPD - Restoration Projects Division

Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	**216/218 Permit:**	No
RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Mixed

Physical State: Solid

Description: The release consisted of high-level beta and gamma contamination with readings of up to 1.4 rads/hour at 7.6 centimeters (3 inches).

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Images:

Date Taken: 7/16/98

Pathname: \\bhi002\esd-img\600\1610\1610_01.JPG

Description: This aerial photo shows the burial ground when it was open and active. One open trench is visible. The caissons are visible in the lower right corner and right side of the photo.

Waste Site Reclassification Form

Date Submitted: 2/22/1999	**Operable Unit(s):** 300-FF-2	**Control Number:** 99-031
Originator: R. L. Donahoe, MSIN H0-17	**Waste Site ID:** UPR-600-10	
Phone: (509) 372-9565	**Type of Reclassification Action:**	
	Rejected ◉	
	Closed-Out ○	
	No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

On September 30, 1963, a contamination release occurred during a routine, high level waste burial at the 300 Wye (618-11) Burial Ground. A "Milk Pail" container that was externally contaminated with a significant amount of loose, highly radioactive material, was discharged into the 327-2 vertical waste barrel (caisson) causing a contamination spread. Although the wind was less than 16 kilometers per hour (10 miles per hour), an area of contamination was identified that measured approximately 36 square meters (400 square feet) around the barrel. The cask truck had smearable contamination measuring 180 millirads/hour inside the left rear wheel, 40 millirads/hour on the drop chute and 10 millirads/hour on the top of the cask. The truck was sprayed with a fixing agent and taken to 200 West Area for decontamination. The maximum contamination reading on the ground was 1.4 rads/hour. Shortly after the contamination was identified, the ground area was washed down with 23,000 liters (6,000 gallons) of water to control contamination spreading by the wind. The most highly contaminated earth was shoveled into the vertical waste barrels, and the entire area was covered with several inches of clean sand.

Basis for reclassification:

This site is recognized as an unplanned release unit that requires cleanup action. It is one of several unplanned releases that occurred during burial operations at the 618-11 Burial Ground. Information regarding this release has been incorporated into 618-11 and will be addressed during burial ground remedation. Consolidation of this site with 618-11 is requested.

Robert G. McLeod	Robert G. McLeod	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einan	David R. Einan	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: UPR-600-11 **Site Reclassification Status:** Closed Out

Site Names:	UPR-600-11, Contaminated Soil Dumped at JA Jones Pit #1		
Site Type:	Unplanned Release	**Start Date:**	1980
Status:	Inactive	**End Date:**	1980
Operable Unit:	300-FF-2	**Coordinates:**	
Hanford Area:	600	(E) 593877.562	
		(N) 119975.453	
		Washington State Plane	

Site Description: The site was an area within the JA Jones Pit #1 where contaminated material was mistakenly disposed. The contaminated material was removed in 1980 and the area released from radiological control. There is no visual evidence of this occurrence.

Location Description: The release occurred in the JA Jones Pit #1, which is located about 1.2 kilometers (2 miles) north of 300 Area.

Associated Structures: UPR-600-11 was associated with the 305-B Berm (WIDS Site 300-29) and the JA Jones Pit #1 (WIDS Site JA Jones 1).

Cleanup Activities: Following the discovery of the contaminated material, the two affected areas (the 305-B Berm and the JA Jones dump site) were roped off, surveyed and posted as radiation zones. The subcontractor personnel and equipment were carefully surveyed and found to be free of contamination. The subcontractor personnel were given whole body and lung counts. All were found to be below detection levels. The contaminated soil dumped into the pit was removed and taken to the 200 Area for disposal. Further soil excavation at the 305-B Berm was closely surveyed by a radiation monitor.

Release Description: On May 29, 1980, during a routine radiological survey, low-level beta-gamma contamination (approximately 600 counts per minute) was detected in a small amount of discarded blacktop rubble laying on the south end of the 305-B Berm. Some of the contaminated blacktop had mixed with the disturbed earthwork. JA Jones subcontractor workers had excavated 76.5 cubic meters (100 cubic yards) of soil from the 305-B Berm, which was thought to be uncontaminated, and taken it to the JA Jones Pit #1 before the contamination was detected. The JA Jones Pit #1 was designated as a non-radioactive landfill. Work was stopped immediately and the appropriate personnel were notified.

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. V.P. Epperly, 6/3/80, Occurrence Report: Removal of Contaminated Berm Material at 305-B, 80-PNL-4.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	**Confirmed By Program:**	Yes
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

Permitting

RCRA Part A Permit: No **216/218 Permit:** No

RCRA Part B Permit:	No	**NPDES:**	No
Closure Plan:	No	**State Waste Discharge Permit:**	No
TSD Number:		**Septic Permit:**	No
Air Operating Permit:	No	**Inert Landfill:**	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Soil	**Amount:**	76.50
Category:	Radioactive	**Units:**	Cubic Meters
Physical State:	Solid		

Description: The waste included soil and blacktop rubble. Surveys of the blacktop rubble revealed contamination with a maximum reading of 1000 counts per minute. Soil at the dump site had readings of less than 200 counts per minute. This is believed to be the field instrument detection limit. Blacktop and soil samples (quantity unknown) were collected for a laboratory counting. The blacktop had a maximum reading of 600 counts per minute natural uranium. The soil measured at less then detectable.

References: 1. V.P. Epperly, 6/3/80, Occurrence Report: Removal of Contaminated Berm Material at 305-B, 80-PNL-4.

Field Work:

Type:	Site Walkdown		
Begin Date:	11/11/1998	**Field Crew:**	CR Webb
End Date:	11/11/1998		
Purpose:	Verification		

Comment: The 305-B Berm and the JA Jones Pit 1 were visited. There are no radiological postings at either site.

Site Cover:	Gravel or Rock		
Site Accessible:	Yes	**Site Found:**	Yes
Soil Discoloration:	No	**Debris Visible:**	No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 11/11/98
Pathname: \\bhi002\esd-img\600\1611\1611_01.JPG
Description: This photo shows the berm at 305-B.

Date Taken: 11/11/98
Pathname: \\bhi002\esd-img\600\1611\1611_02.JPG
Description: This photo shows the west side of the 305-B Berm and the entrance door.

Date Taken: 11/11/98
Pathname: \\bhi002\esd-img\600\1611\1611_03.JPG
Description: This photo shows the JA Jones Pit #1.

Waste Site Reclassification Form

Date Submitted: 12/3/1998	**Operable Unit(s):** 300-FF-2	**Control Number:** 98-215
Originator: B. J. Dixon, G3-26	**Waste Site ID:** UPR-600-11	
Phone: (509) 376-7053	**Type of Reclassification Action:** Rejected ○ Closed-Out ◉ No Action ○	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was an area within the JA Jones Pit #1 where contaminated material and soil were mistakenly disposed. JA Jones subcontractor workers had excavated 76.5 cubic meters (100 cubic yards) of blacktop rubble and soil from the 305-B Berm and taken it to the JA Jones Pit #1 before contamination was detected. The JA Jones Pit #1 was designated as a non-radioactive landfill. Work was stopped immediately after the contamination was identified and the appropriate personnel were notified. The contaminated soil was removed from JA Jones Pit #1 and the area released from radiological control. There is no visual evidence of this occurrence.

Basis for reclassification:

Field surveys of blacktop rubble revealed contamination with a maximum reading of 1000 counts per minute. Soil at the dump site had readings of less than 200 counts per minute. This is believed to be the field instrument detection limit. Blacktop and soil samples (quantity unknown) were collected for a laboratory counting. The blacktop had a maximum reading of 600 counts per minute natural uranium. The soil measured at less then detectable. The original laboratory results are not available, but are summarized in the final occurrence report. Stenner, et al (PNL-6456) document that all contaminated material was excavated from the pit and properly disposed of in a 200 Area burial ground. Since the blacktop material would have been visually identifiable, it is believed that the site was adequately cleaned up.

S T Berman	Stan T. Berman	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R Einan	David R. Einan	27 Jan 99
EPA Project Manager	Signature	Date