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Meeting Minutes Transmittal/Approval
Unit Manager's Meeting: Remedial Action and Waste Disposal Unit/Source Operable Unit
3350 George Washington Way, Room 2A01, Richland, Washington
July 16, 1997

FROM/APPROVAL: Date 8/14/97
Nancy Werdel/Glenn Goldberg, 100 Area Unit Managers, RL (H0-12)

APPROVAL: Date 8-13-97
Wayne Soper/Keith Holliday, 100 Aggregate Area Unit Manager, Ecology
(B5-18)

APPROVAL: Date 8-7-97
Dennis Faulk, 100 Aggregate Area Unit Manager, EPA (B5-01)

APPROVAL: N/A Date _____
Bryan Foley, 200 Area Unit Manager, RL (H0-12)

APPROVAL: N/A Date _____
Joan Bartz/Shri Mohan, 200 Aggregate Area Unit Managers, Ecology
(B5-18)

APPROVAL: Date 8/13/97
Ted A. Wooley, 200-B Area Project Manager

APPROVAL: Date 8-21-97
Robert G. McLeod, 300 Area Unit Manager, RL (H0-12)

APPROVAL: Did not attend meeting Date _____
Jeanne Wallace, 300 Area Aggregated Area Unit Manager
WA Dept of Ecology (B5-18)

APPROVAL: Date 6 Aug 97
David R. Einan, 300 Area Aggregated Unit Manager, EPA (B5-01)

APPROVAL: Date 8/13/97
Ted A. Wooley, 300 Area Process Trenches Subproject Manager

Meeting Minutes are attached. Minutes are comprised of the following:

- Attachment #1 - Agenda
 - Attachment #2 - Attendance Record
 - Attachment #3 - Meeting Minutes
 - Attachment #4 - Status Package All Source Operable Units
 - Attachment #5 - 300 APT Remedial Action Equipment-Listed Waste Resolution
 - Attachment #6 - 100 Area Remaining Site Task Team Agreements
 - Attachment #7 - Rejected Waste Sites for 100-FR-1, and 100-FR-2, 100-HR-1, and 100-HR-2
-

Prepared by:

 Date 8/21/97
Gary Gescil/Tamen Rodriguez (H0-17)

Concurrence by:

 Date 8/22/97
Vern Dronen, BHI Remedial Action and Waste Disposal Project Manager
(H0-17)

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UNIT MANAGERS' MEETING AGENDA
3350 George Washington Way, Room 2A01
July 16, 1997

1:00 p.m. 100 Area

100 Assessment/Design

- ▶ Burial Ground Task Team (Plans for Management Briefing)
- ▶ Remaining Sites Task Team
- ▶ Review of Draft Task Team Agreements
- ▶ Review of Waste Site Packages
- ▶ 2,4-D Burial Site Remediation
- ▶ 190-D Chromium Investigation
- ▶ 100-D Ponds Closure Plan Status

100 Area Remedial Action

- ▶ Status of Field Work
- ▶ Matrix Issue Status
- ▶ Encapsulation of LDR Material Status
- ▶ FY 1998 Multi-Year Work Plan
- ▶ Remedial Design Report (Comments on Rev. 1)
- ▶ Group 4 Design Status

3:00 p.m. 300 Area

- ▶ Remedial Action Status
- ▶ Test Pits and Trenches Data
- ▶ Process Trenches Permit Modification

NOTE: The 200 Area UMM for the 200-UP-2 will meet on an as-needed basis per the November 1996 UMM minutes.

050479

**Unit Managers' Meeting Minutes
July 16, 1997**

100 AREA

100 Assessment/Design

Burial Ground Task Team (plans for management briefing)

The U.S. Environmental Protection Agency (EPA) provided three recommendations: (1) continue with the proposed plan for the burial grounds, (2) create a mini-Record of Decision (ROD), or (3) include an expedited response action with next year's workscope. The EPA prefers option #1 (meet the milestone and include the sites in the proposed plan). The EPA requested a "brown bag" meeting to discuss the waste streams. However, the EPA wants to discuss what the waste streams will be before the meeting. The EPA believes all necessary information to make informed decisions has been obtained through the 118-B-1 Treatability Study and other burial grounds work.

The EPA interprets the Tri-Party Agreement milestone for the 100 Areas to state that all sites in the 100 Areas will have a proposed plan by 1999. The "mini-ROD" concept for the burial grounds would not allow the milestone to be accomplished. The EPA expects the burial grounds to be remediated using remove-treat-dispose; if the EPA encounters something they cannot handle, then they will explore other options.

Remaining Sites Task Team

The EPA indicated that the Remaining Sites list is complete. The EPA said the action and confirmatory sampling categories in the 100 Area remaining sites waste site tables are okay, but "other programs" and "rejected" categories may be a problem. The EPA expects septic systems and inert landfills to go to confirmatory sampling for the remaining sites decision documents. The EPA's new approach is that all septic tanks are contaminated until proven clean, which allows EPA to cover all areas.

The EPA wants the Environmental Restoration Contractor (ERC) and the U.S. Department of Energy, Richland Operations Office (RL) to produce the AR document and the proposed plan as soon as possible so EPA can provide issues to their senior management and lawyers for concurrence. The ERC/RL must also state that "Discovery" sites will continue to enter the system and they will be treated using approved procedures. The EPA requested a field meeting at the 100-F Area on July 22 to discuss waste site dispositions and coordination with decontamination and decommissioning activities in the 100-F Area.

Review of Draft Task Team Agreements

No comments. The EPA and the Washington State Department of Ecology (Ecology) still need to review the June 24 draft agreement package. The agencies will contact RL shortly after the meeting to indicate concurrence or provide comments. If all concur, the final agreement package will be attached to the June 1997 Unit Managers' Meeting minutes.

Air Monitoring

If one monitor is down for 24 hours, the location must be located and the Washington State Department of Health (DOH) must be notified, according to Bechtel Hanford, Inc. (BHI). Hotspot checks are no longer needed, and monitor locations are okay. The EPA's proposal to DOH: Question the 24-hour requirement; if a 48-hour shutdown occurs, replace the monitor and notify EPA and DOH.

Draft Tri-Party Agreement MG-08 Status

The MG-08 is in an RL concurrent review and is also being reviewed by the EPA and Ecology.

2,4-D Burial Site Remediation

A data quality objective process meeting is scheduled for July 17. Remediation plans are nearly complete and involve offsite disposal of "hotspot" material and onsite bioremediation of the remaining contaminated soil. Former tanks will be cleaned and removed, and debris will be placed in the Environmental Restoration Disposal Facility (ERDF) or sent off site for disposal.

190-D Chromium Investigation

A baseline change proposal (BCP) was approved by RL to perform the work. BHI is in the process of signing the BCP.

An F-Area meeting was scheduled for July 22, which may include a site walkdown.

100-D Ponds Closure Plan Status

RL and ERC comments are being incorporated; a copy will be submitted to Ecology in 2 to 3 weeks.

Remedial Design Report (Comments on Rev. 1)

Ecology is currently collecting comments. The EPA will provide comments by July 25, 1997. A meeting was scheduled for July 23 to discuss issues related to the use of the RESRAD model in the Remedial Design Report. It was requested by EPA that Dick Jaquish attend the meeting.

Group 4 Design Status

The Field Investigation Plan is being implemented. Field activities are being performed on some sites to determine if the areas are clean. The 60% design package is out for BHI review.

Remedial Action

Status of Field Work

A second shift was implemented at ERDF (waste dumping). DR-7 and DR-9 contain a lot of concrete and rebar and needs to be resolved. C-1 must be finished by October 1997. Pipeline work is being performed at B/C.

Matrix Issue Status

The issue is Waste Designation and Sampling and not a matrix issue. Issues are currently being discussed with Ecology.

Encapsulation of LDR Material Status

The EPA has determined that for the purposes of remediation, the 100 Areas is considered a contiguous site. Therefore, waste for treatment may be moved from the 100-D Area to the 100-B Area for treatment, pending Ecology approval.

Fiscal Year 1998 Multi-Year Work Plan

The document will not be written.

300 AREA

Remedial Action Status

BHI completed the project readiness assessment and authorized the remedial action subcontractor, Roy F. Weston Co., to begin excavating test pits and trenches on June 18, 1997. The first six test pits were first excavated in the Clean Soil Stockpile area followed by six test pits in the Process Trenches undetermined contamination level (UCL) area, and four trenches in the North process pond UCL area. Excavation and hauling of contaminated soil from the process trenches above cleanup level (ACL) area was initiated on July 7, 1997. Approximately thirty-three containers of contaminated soil are being filled daily and shipped to ERDF. The front-end loader operator identified an anomalous object near the end of yesterday's (July 15) shift while stockpiling materials for the next day. The object was described as yellow in color, about the size of a soccer ball, and was buried in the stockpile. The stockpile was roped off, and the material will be screened for the object. The EM 50 Holographic GPR technology

demonstration is planned to be tested at the 618-4 Burial Ground during the week of July 21, 1997.

Test Pits and Trenches Data

Field-screening data from test pits in the Clean Soil Stockpile area indicated no contaminants of concern, and all six verification samples were shipped off site for analysis. Isolated areas of uranium contamination above the cleanup standard were found in the four northernmost process trenches UCL area test pits. No contaminants of concern were identified above cleanup levels from the field screening XRF and GC samples taken in any of the test pits. Verification samples were taken from the two southernmost test pits (APT-3 and APT-6) and shipped off site for analysis. The field-screening and laboratory results will be analyzed to determine the detailed approach to excavate the process trenches UCL area.

Process Trenches Permit Modification

RL transmitted Hanford Sitewide RCRA Permit Class I modifications, including two process trenches modifications, to Ecology on July 10. Work was initiated to revise the 300 Area Process Trenches Groundwater Monitoring Program to a Corrective Action Program, based on the statistical exceedance of DCE in the groundwater. BHI is preparing revisions to the Closure/Post Closure Plan, and the Pacific Northwest National Laboratory is preparing changes to the Groundwater Monitoring Plan. The permit modifications must be submitted to Ecology in early September, based on the exceedance letter dated June 11, 1997.

300 APT Remedial Action Equipment-Listed Waste Resolution Documentation

The subject document provided to Ecology at last Month's Unit Managers' Meeting was signed by the Ecology Unit Manager at this meeting (Attachment 5). The document describes the decontamination approach for equipment used to remediate the process trenches.

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STATUS PACKAGE

UNIT MANAGERS' MEETING - JULY 1997

SOURCE OPERABLE UNITS

100-B/C, 100-K, 100-D, 100-H, 100-F

200 AREAS

300 AREA

prepared by

DOE-RL

100 AREAS

100 Area Record of Decision (ROD) Strategy

Following a January 24, 1997, meeting with Tri-Party senior management, the Washington State Department of Ecology (Ecology), the U.S. Environmental Protection Agency (EPA), and the U.S. Department of Energy, Richland Operations Office (RL) formed task teams to address the 100 Area Remaining Sites ROD Strategy and remediation of the 100/300 Area burial grounds. The teams were responsible to determine a strategy and a path forward for *Comprehensive Environmental Response, Compensation, and Liability Act of 1980* decision documents for burial grounds and for all other waste sites in the 100 Areas (termed "Remaining Sites"). The teams met approximately three times per month through May 1997. Following is the status of the two task team efforts:

- *100 Area Remaining Sites ROD Strategy:*
The task team developed a strategy and decision criteria to disposition Remaining Sites into agreed-upon categories for presentation in a proposed plan. Work was closely coordinated with Tri-Party staff focused on updating the *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) appendices for 100 Area waste sites. Plans were made to apply the criteria to specific waste sites and to prepare supporting information for inclusion in the Administrative Record (AR). A schedule to issue a ROD for Remaining Sites was developed, and outlines for AR documentation and a proposed plan were also prepared. In May, the Team agreed to adjourn and implement agreements developed by the Team. Draft agreements developed by the Team were discussed at the June Unit Managers's Meeting (UMM), which included the following: a summary of the decision logic, criteria, document outlines, preliminary waste site lists, and a schedule. Additionally, a categorized list of waste sites for the 100-F Area was compiled, along with documentation for rejecting some sites from WIDS. This package was transmitted to the team for review and comments. Comments on the draft agreements and the 100-F Area package will be discussed at the July 1997 UMM. Similar packages for other areas will be submitted for review later in July.
- *Burial Ground Strategy:*
The task team prepared a preliminary workscope for feasibility studies to evaluate the potentially viable remediation alternatives applicable to each type of burial ground. No future Team meetings are being planned. Remaining open issues for the Team include (1) using new cost-modeling assumptions to ensure the current baseline is consistent with the expectations of the team members and (2) deciding whether to remediate a 100 Area burial ground as an "early action" (in addition to waste site 618-4 in the 300 Area) to obtain additional information on excavating burial grounds. These issues will be addressed during a brown-bag briefing with senior management, along with a summary presentation of the team's recommendation.

190-C Soil Sampling Project

Sampling and analysis of soil beneath the building floor was completed during May 1997. Results for deep zone constituents indicate that concentrations are below remediation goals. The D&D project was advised that collapse of the structure into the basement may proceed as planned. Report preparation is underway.

190-D Soil Sampling Project

Sampling and analysis of soil within and around the previously demolished 190-D Building is being planned to determine if any contamination exists that could be contributing to the underlying groundwater plume. This will either be added to the FY97 workscope or be included in the FY98 Detailed Work Plan.

North Slope 2,4-D Burial Site

The team was assembled, and work plans are being prepared to remediate the herbicide contaminated soil and buried tanks. The job involves shipping a small portion of the soil off site for incineration (due to dioxin contamination), bioremediating the remaining soil on site, and disposing the crushed tanks in the Environmental Restoration Disposal Facility. The start of field work is targeted for early August.

100, 200, and 300 Area Decant Liquid Disposal

Transport of water decanted from source area investigation derived waste to the Effluent Treatment Facility (ETF) in the 200 Areas was completed during June 1997. ETF personnel are awaiting sample results before processing the water.

100-D Ponds Closure Plan Revision

An equivalency demonstration to dispense with postclosure groundwater monitoring was submitted to Ecology in May 1997 in advance of the complete closure plan. The equivalency demonstration is an integral part of the overall closure plan and merits discussion with Ecology. RL provided comments on the overall 100-D Ponds Closure Plan, and it is currently being revised for submittal to Ecology. Ecology's request for deep vadose zone borehole samples has not been resolved.

Remedial Design Report (RDR)/Remedial Action Work Plan (RAWP) Update

The RDR/RAWP was updated to Rev. 1, Draft A and issued to EPA and Ecology for concurrence. The update to the RDR/RAWP is an integrated revision of the subject material, taking into account the following categories of changes:

- Numerical and text changes to address EPA/Ecology comments provided in their letter dated June 26, 1996. Such changes include numerical and text revisions to reflect the use of the RESRAD computer model to determine the contaminants that reach groundwater (and the application of the MTCA 100X standard to those contaminants) to demonstrate groundwater and Columbia River protection.
- Numerical and text changes to explain the dilution-attenuation factor and its use with the MTCA 100X standard
- Numerical and text changes to reflect the applicability of MTCA, MCLs, and state and federal AWQC, whichever is most restrictive
- Numerical and text changes to correct errors in the previous revision.

Comments on the draft revision will be discussed at the July UMM.

Remedial Design Groups 3 and 4

The remedial design for the 100 Area Group 3 sites was completed. A presentation on the remedial design for this group of sites was conducted in June. Procurement strategies are currently being developed.

The 60% design for the 100 Area Group 4 sites is being reviewed by Bechtel Hanford, Inc. (BHI) technical staff. A field investigation of selected sites is currently being initiated.

100 B/C

Remedial Action - Four plume excavations were completed at the 116-C-1 Liquid Waste Disposal Trench and a fifth plume was identified around monitoring well 199-B3-2. This plume excavation with access ramp will also support a separate subcontractor's access to the well to perform permanent decommissioning in August 1997. The first four combined plumes constitute approximately 34% of the original volume of the 116-C-1 waste site. Approximately 56% of the excavation is complete in the 116-C-5 Retention Basins. A detailed pipeline excavation plan is being developed, along with an asbestos abatement program for the limited scope pipe wrap.

100 DR

Remedial Action - Excavation of plume material in 116-DR-1 and 116-DR-2 was halted in May due to possible undermining of support facilities and haul roads. The plume volume is currently greater than 150% of the original waste site volume. The remainder of the plume will be removed at a later date. Removal of contaminated material above the concrete walls and slabs in the 116-D-7 Retention Basin was initiated and completed in May. Similar work will start in the 116-DR-9 Retention Basin in June. Meetings were held with RL and the regulators in June to begin discussions on handling of matrix material containing metals.

200 AREAS

200 Areas Strategy

A presentation to the Hanford Advisory Board (HAB) Environmental Restoration and Health, Safety, and Waste Management subcommittees was made to update the strategy effort. The draft Tentative Agreement is on hold pending funding shortfall discussions. Working meetings and public comments on the Tri-Party Agreement change package for the 200 Areas Strategy are also on hold pending funding disposition.

200-BP-1 Operable Unit

The barrier testing program continues to provide data on water infiltration, vegetation growth, and biointrusion associated with the Hanford Site barrier. Multi-Year Work Plan activities are underway, and the plan is to stop the 3-year testing program at the end of fiscal year (FY) 1997. Asphalt testing and settlement and subsidence testing were deferred to FY 1998. A final report will be generated after these activities are completed.

200-BP-11 Operable Unit

The Description of Work for a borehole at the B-2-2 Ditch was issued to RL and Ecology. A final draft will be prepared once comments are received. In parallel, BHI is initiating other prefield planning activities (i.e., hazards analysis, Health and Safety Plan, etc.).

Nonradioactive Dangerous Waste Landfill

The scope of activities associated with the Nonradioactive Dangerous Waste Landfill was finalized at the data quality objective session on June 26, 1997. The Sampling and Analysis Plan is currently being developed.

300 AREA

300-FF-1 Operable Unit

Remedial Action - The Remedial Action Subcontractor, Roy F. Weston, Inc., completed mobilization and supported the project readiness assessment meeting on June 16, 1997. Excavation of test pits was initiated on June 18 at the Clean Soil Stockpile Area followed by the Ash Pits, Process Trenches, and the North Process Pond. Several test pits and trenches remain to be excavated in the North and South Process Ponds.

300 Area Process Trenches - As part of the readiness assessment, a thorough review of the Process Trenches Operating Record was performed and updated, as required. In addition, near-field air monitoring plans were reviewed and approved by the Washington State Department of Health for each operable unit waste site. Six test pits were excavated in the process trenches undetermined contamination level area on June 19 and June 20. Verification samples were shipped to the offsite laboratory for two of the six test pit locations. Excavation and disposal of contaminated soil from the above contamination level area of the process trenches was initiated on July 7, 1997.

300-FF-2 Operable Unit

Groundwater Sampling - Sampling at well 699-S6-E4A was completed on June 25, 1997. The existing sampling pump was found to be operational despite some confusion relating to the configuration of the wiring between the pump and controller unit.

Other Activities - A plan to address the listed waste issued identified during the regulatory review of the Limited Field Investigation report was submitted for BHI review on June 6, 1997. A review of reasonably available information will be performed to determine whether there is affirmative evidence of solvent sources and disposal practices associated with any of the 300-FF-2 waste sites. Once approved, work will be completed before the end of the fiscal year.

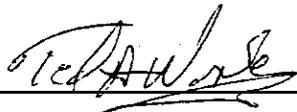
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300 APT Remedial Action Equipment-Listed Waste Resolution Documentation

- In a letter dated May 15, 1995, Ecology issued a conditional contained-in determination for the 300 Area Process Trenches. 300 Area Process Trenches media disposed in ERDF does not contain a listed waste.
- The 300-FF-1 Sampling and Analysis Plan approved by Ecology addresses handling/disposal of decontamination water generated in the decontamination station.
- The conditional contained-in determination contains no provisions for equipment release after use in the 300 Area Process Trenches. Ecology hereby approves the following approach to decontaminate equipment that is used in the 300 Area Process Trenches:

Decontamination of all equipment used in the 300 Area Process Trenches will occur in the 300 Area Process Trenches. Thereby all liquid generated during equipment decontamination will remain in the Process Trenches. All equipment parts that have come in contact with Process Trenches media will be washed with a low volume, hot water, pressure washer. Detergents may be used. The equipment will then be radiologically surveyed to verify no contamination exists. If contamination is still present upon completion of the radiological survey, the decontamination process will be repeated. Other methods may be required, such as wiping, scrubbing, and wire brushing of the contaminated surfaces. Upon successful survey release, the equipment will be removed from the Process Trenches for use elsewhere on the project.

Ecology Approval



Date

7/16/97

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100 AREA REMAINING SITES TASK TEAM

AGREEMENTS

Task Team Participants:

U.S. Department of Energy
U.S. Environmental Protection Agency
Washington State Department of Ecology

June 24, 1997

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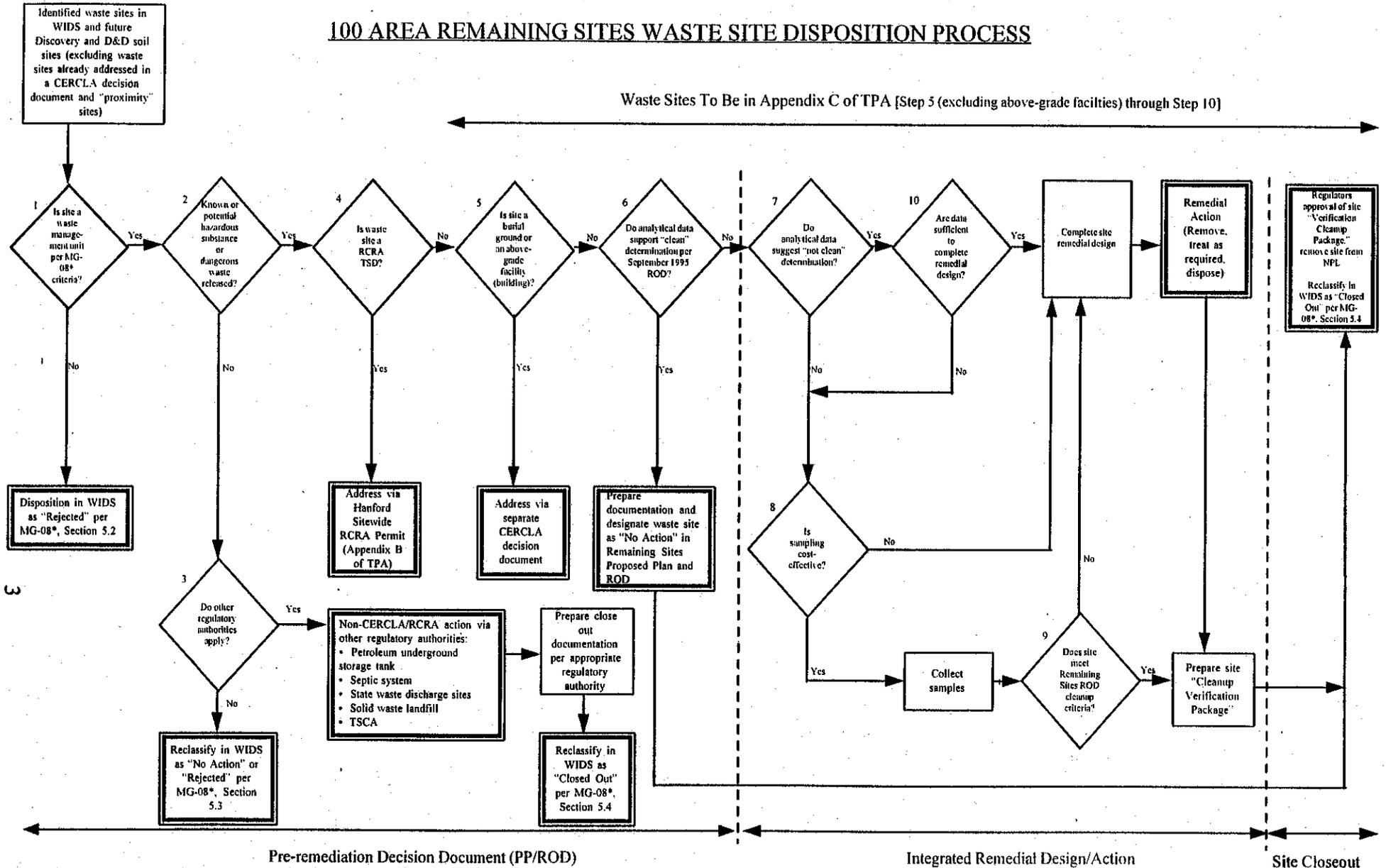
Summary

The 100 Area Remaining Sites Task Team consisted of operable unit managers from the U.S. Department of Energy, the U.S. Environmental Protection Agency, and the Washington State Department of Ecology (Tri-Parties). The team was created by Tri-Party senior managers in late January 1997 and charged with responsibility for developing a strategy leading to a Record of Decision for 100 Area source operable unit waste sites in the 100-B/C, 100-D/DR, 100-F, 100-H, 100-KE/KW reactor areas, and in the 100-IU-2 and 100-IU-6 Operable Units, that, as of June 1997, were not already listed in a decision document. (Waste sites in the 100-N Area are planned to be addressed in a separate decision document, as are approximately 45 solid waste burial sites [burial grounds] located throughout the 100 Areas.) To achieve their objective, the Task Team held meetings from February through May 1997 and arrived at a series of agreements that form the basis for a path forward for the Remaining Sites project. This document provides a summary of the substantive agreements arrived at by the Task Team. These agreements include the following:

- *100 Area Remaining Sites Waste Sites Disposition Process and Final Criteria for 100 Area Remaining Sites Waste Site Disposition Process.* These documents present a flow chart for dispositioning wastes sites and criteria for applying the process.
- *100 Area Remaining Sites Planning Schedule and Scheduling Assumptions.* These agreements document the time line that team envisions for issuing a Record of Decision for the Remaining Sites, along with qualifying assumptions.
- *Annotated Outline for Remedy Selection for Remaining 100 Area Source Operable Unit Waste Sites.* This document presents the format and content for a report that will document the application of the waste site disposition process to sites in the 100 Areas. This "Administrative Record Document" will be an appendix to DOE/RL-94-61, Rev. 0, *100 Area Source Operable Unit Focused Feasibility Study*
- *Annotated Outline for Proposed Plan for Remedial Action at the Remaining 100 Area Source Operable Unit Waste Sites.* This document presents the organizational format and content for the Proposed Plan for the 100 Area Remaining Sites.
- *Preliminary 100 Area Remaining Sites Disposition Tables.* This is a draft list of waste sites planned to be addressed in the Remaining Sites Proposed Plan. The list presents an approximate number of waste sites and their dispositions. It is an example of the kind of information and the manner in which it will be organized for use in the dispositioning process. The number and kinds of sites presented, as well as individual waste site dispositions, will change over time as the above disposition process is completed.
- *Preliminary 100-IU-2 and 100-IU-6 Wastes Sites Disposition Tables.* Similar to the list above, but specific to waste sites in the 100-IU-2 and 100-IU-6 Operable Units.

**100 AREA REMAINING SITES WASTE SITE DISPOSITION PROCESS
AND FINAL CRITERIA FOR 100 AREA REMAINING SITES
WASTE SITE DISPOSITION PROCESS**

100 AREA REMAINING SITES WASTE SITE DISPOSITION PROCESS



NOTE: At any time after the Remaining Sites Proposed Plan or ROD, if additional data become available, the remedial design process can immediately move to Step 9.

*TPA Handbook Procedure TPA-MG-08, Maintenance of the Waste Site Information Data System (WIDS) (in preparation)

FINAL CRITERIA FOR 100 AREA REMAINING SITES WASTE SITE DISPOSITION PROCESS

May 7, 1997

Step 1: Is site a waste management unit per MG-08 criteria¹? Is the site a waste management unit as specified in Figure 5-2 of TPA Procedure MG-08?

If "no", the site will be dispositioned in the Waste Site Inventory Data System (WIDS) per MG-08, Section 5.2. If "yes", go to Step 2. Following issuance of the Remaining Sites ROD, Discovery Sites and D & D sites will be evaluated according to these criteria, beginning at Step 1.

Step 2: Known or Potential hazardous substance or dangerous waste released? Using available historical information, process knowledge, and results of sampling data, is there evidence that there was not a past release or potential for release of a *Comprehensive Environmental Response, Compensation, and Liability Act of 1981* (CERCLA) hazardous substance, or a Washington State dangerous waste or dangerous constituent? If "no" go to Step 3. If "yes" go to Step 4.

CERCLA hazardous substances are identified in 40 CFR 302.4. Dangerous wastes are identified in accordance with Washington Administrative Code (WAC) 173-303-070 to -100 and dangerous constituents are defined in WAC173-303-646.

Step 3: Do other regulatory authorities apply²? Are there regulations that are non-CERCLA and non-RCRA corrective action that apply to the waste sites? If "yes", then address under the appropriate regulatory authority, to include:

- *Petroleum Underground Storage Tank*: Close in accordance with WAC 173-360.
- *Septic System*: Close in accordance with WAC247-272-18501.
- *Solid Waste Sites*: Close in accordance with WAC 173-304 dangerous or acutely hazardous waste and accumulated waste has been removed.
- *State waste discharge sites*: Waste discharge sites permitted under WAC 173-216.

¹Tri-Party Agreement Handbook Management Guidelines, *Maintenance of the Waste Information Data System (WIDS)*, Procedure No. TPA-MG-08, Document No. RL-TPA-90-0001, in preparation.

²The Tri-Parties could determine that, even though other regulatory authorities are applicable, CERCLA or RCRA are more appropriate regulatory authorities for addressing these sites. In this case the other regulatory authorities would be cited as ARARs.

- *Sites regulated under the Toxic Substances Control Act (TSCA):* Address in accordance with TSCA.

Following preparation and regulator approval of documentation required by other regulatory authority, reclassify the site as "Closed Out" per MG-08, Section 5.4. If "no" then disposition in WIDS as per MG-08, Section 5.3 .

Step 4: Is waste site a RCRA TSD? Is site a treatment, storage, and disposal (TSD) unit that will be permitted (for operation and/or postclosure care) and/or closed under the Washington State Dangerous Waste Regulations (173-303 WAC) and the applicable provisions of the *Hazardous and Solid Waste Amendments of 1984 (HSWA)*? If "yes", then the site will be dispositioned through a permit modification under the *Hanford Facility Resource Conservation and Recovery Act Permit for Treatment, Storage, and Disposal of Dangerous Waste*. If "no" go to Step 5.

Step 5: Is waste site a burial ground or a facility? The definition of a burial ground waste site developed and being used by the Burial Ground Task Team is as follows: *Areas used for near-surface disposal of solid wastes containing hazardous constituents (both radiological and non-radiological)*. A facility is an above-grade building or structure that will be addressed as a Decontamination and Decommissioning project, rather than through remedial action. If "yes", the site will be addressed as part of a CERCLA decision document that is separate from the Remaining Sites ROD. If "no" go to Step 6.

Step 6: Do analytical data support a "clean" determination per the September 1995 ROD? Based on available site-specific analytical data, was there a known, suspected, or potential for release of a hazardous/dangerous substance, but direct evidence indicates that concentrations of remaining contaminants are below cleanup standards as specified in an approved Record of Decision (ROD)? If "yes", documentation will be prepared for the Administrative Record to support the "No Action" decision. The site will then be designated as "No Action" in the planned 100 Area Remaining Sites Proposed Plan and ROD, removed from the National Priorities List (NPL), and reclassified in WIDS as "Closed Out" per MG-08, Section 5.4. If "no", go to Step 7.

Step 7: Do analytical data suggest a "not clean" determination? Was there a known, suspected, or potential for release of a hazardous/dangerous substance, and available evidence suggests that concentrations of remaining contaminants are above cleanup standards as specified in an approved Record of Decision (ROD)? If "yes", go to Step 10. If "no" go to Step 8.

Step 8: Is sampling cost-effective? Is collecting additional samples a prudent next step based on engineering judgment? This determination will be based on an evaluation of whether the cost of developing data quality objectives, collecting samples, performing laboratory analyses, and preparation of documentation is justified compared to estimated costs for removal, treatment as

required, and disposal? If "yes", then sampling is prudent and cost effective and should be performed. Collect samples and go to Step 9. If "no" go to Step 10.

Step 9: Does site meet Remaining Sites ROD cleanup criteria? Do sampling results indicate that contaminant concentrations are below cleanup standards as specified in the approved Remaining Sites Record of Decision (ROD)? If "yes", a cleanup verification report should be prepared to support removal of the site from the National Priorities List (NPL). If "no" complete remedial design.

Step 10: Are data sufficient to complete remedial design? Are data sufficient to reasonably define the level and extent of contamination required for remediation (remove, treat as required, and dispose) using the observational approach and to support waste site profiling for disposal at the Environmental Restoration Disposal Facility? If "yes", complete remedial design, implement remedial action, prepare "Cleanup Verification Package", and reclassify site in WIDS as "Closed Out", per MG-08, Section 5.4. If "no" go to Step 8.

**100 AREA REMAINING SITES PLANNING SCHEDULE
AND SCHEDULING ASSUMPTIONS**

FINAL

100 AREA REMAINING SITES SCHEDULING ASSUMPTIONS

March 27, 1997

Project Integration Assumptions

- Remaining Sites remediation may begin as early as mid-FY99 to maintain contracting flexibility at 100-B/C and 100-D/R, based on the integrated RAWD schedule. Scheduling logic is based on the following factors:
 - High-priority radioactive liquid waste sites for all reactor areas are to be scheduled for remedial action before solid waste sites.
 - Must stay within current funding guidance
 - Waste loading to ERDF should be levelized
 - Waste sites should be grouped into effective subcontracting packages
 - 100-B/C Area is expected to be the first reactor area which could be totally cleaned up for other uses (excluding D & D sites).
- Burial grounds are not included with the remaining sites

Proposed Plan/ROD Assumptions

- The Task Team will adjourn, all issues will be resolved, and the update of Appendix C and WIDS for 100 Area waste sites is expected to be completed by April 30, 1997, to support the start of drafting of the Proposed Plan beginning May 1, 1997.
- Additional documentation for the Administrative Record supporting the selection of remedial alternatives will be minimal and will be provided to support the Proposed Plan.
- EPA will have the lead role in coordinating the National Remedy Review Board (NRRB) review, if required. The duration and outcome of the National Remedy Review Board review will not impact the schedule for completing the Proposed Plan and ROD.
- One public meeting will be held during the public comment period.
- EPA and Ecology will lead the preparation of a Responsiveness Summary and a draft ROD for RL review following completion of the 30-day public comment period and public meeting.

Remedial Design Assumptions

- Remedial Design activities for the initial group of Remaining Sites can begin immediately following the close of the public comment period and will take about 12

months.

- A 100 Area integrated schedule will be prepared during Remedial Design.

Remedial Action Assumptions

- Remedial Design will support continued remedial actions in the 100-B/C and/or 100-D/DR Areas.
- Procurement and mobilization for new remediation subcontracts will take about three months.

**ANNOTATED OUTLINE FOR
REMEDY SELECTION FOR REMAINING 100 AREA SOURCE
OPERABLE UNIT WASTE SITES**

**Annotated Outline
for
REMEDY SELECTION FOR REMAINING 100 AREA
SOURCE OPERABLE UNIT WASTE SITES**

Hanford Site, Richland, Washington

Draft 2 - May 8, 1997

1. INTRODUCTION

- Function of this document
 - As an Appendix to the *100 Area Source Operable Unit Focused Feasibility Study*, DOE/RL-94-61.
 - To document for the Administrative Record the process for disposition of remaining 100 Area waste sites.
- Previous disposition of 100 Area waste sites in the IRM ROD and ROD Amendment.
- Relation to *Hanford Past-Practice Strategy*.
- Updates information on decision-making process previously presented in operable unit specific Work Plans. (What the status is to date and how we got there.)

2. GENERAL DISCUSSION OF REMAINING 100 AREA WASTE SITES

- Process history of Reactor Areas. (Total 1-1.5 pages; reference DOE/RL-94-61)
- Contaminants of Potential Concern.

3. PROCESS FOR DISPOSITION OF REMAINING 100 AREA WASTE SITES

- Flow Chart for Waste Site Disposition Process.
- Criteria for 100 Area remaining sites waste site disposition process.

4. REMEDY SELECTION AND THE ROLE OF CONFIRMATORY SAMPLING

- A "presumptive remedy-like" approach has been applied to the remaining 100 Area waste sites. That is, if we went through the FFS steps that were followed for the liquid waste sites in the ROD the remaining 100 Area waste sites are similar enough that the same preferred alternative would be chosen.
- The preferred alternative for sites requiring action is remove, treat as required, and dispose. For most sites, this alternative will require sampling for waste designation in support of disposal at ERDF.
- Confirmatory sampling will be required for waste sites for which there is not sufficient existing information to determine if remove/treat/dispose is required. When sufficient additional information is obtained, the sites would either be remediated or closed out without remedial action, provided that data shows the site not to be contaminated above criteria levels.

5. DISPOSITION PROCESS RESULTS

- Action Sites
 - Remove/Treat/Dispose
 - Confirmatory Sampling (includes former structures decommissioned using ARCL calculations)
- No Action Sites
 - Waste Site Reclassification sites

6. REFERENCES

APPENDIX A - TABLES PROVIDING DOCUMENTATION OF WASTE SITE DISPOSITION SELECTIONS

- Table A-1. Action Sites for Remove/Treat/Dispose**
- Table A-2. Action Sites for Confirmatory Sampling**
- Table A-3. No Action Sites**

EXAMPLE: Table A-1. Action Sites for Remove/Treat/Dispose

Operable Unit	Site Name	Site Knowledge	Contaminants of Potential Concern	Media/Material	Estimated Volume for Disposal, LCY *	Estimated Cost of Remediation and Disposal (\$ in 000's)	References
100-BC-1	128-B-3 Burning Pit and Dump Site	Chemical-stained soil and stressed vegetation visible. Site used for burning nonradioactive, combustible wastes and disposal of solid building demolition waste. Vegetation-covered depression 137.2 m x 18.3 m. Depth of contamination unknown.	Miscellaneous Hydrocarbons; Inorganic Chemicals	Soil, Concrete, Misc. Debris	Not Available	Not Available	[Format to be determined] 100-BC Technical Baseline 100-BC-1 LFI, QRA, FFS
100-DR-1	100-D-1 Contaminated Storm Drain	Received radioactive and hazardous liquid wastes from 116-D-7 (107-D) retention basin leakage. Site is a storm drain system including a 1 m by 1 m concrete box covered with steel plate attached to underground piping running from the south side of the patrol road to the river shoreline.	Undetermined Radionuclides	Concrete, Steel, Soil	Not Available	Not Available	[Format to be determined] 100-D/DR Technical Baseline
	100-D-2 Lead Sheeting	Small concrete pad covered with lead sheeting at the 190-D building annex. Purpose unknown. Unknown if lead sheets were removed when pad was buried during demolition of 190-D building in 1995.	Pb	Lead, Concrete	Not Available	Not Available	[Format to be determined] 100-D/DR Technical Baseline

**ANNOTATED OUTLINE FOR
PROPOSED PLAN FOR REMEDIAL ACTION AT THE REMAINING
100 AREA SOURCE OPERABLE UNIT WASTE SITES**

**Annotated Outline
for
PROPOSED PLAN FOR REMEDIAL ACTION AT THE REMAINING 100 AREA
SOURCE OPERABLE UNIT WASTE SITES**

Hanford Site, Richland, Washington

May 7, 1997

INTRODUCTION (*Note: Most language already available from other Proposed Plans*)

- Indicate that a remedy that is currently being successfully applied to remediate soil cleanup in 100 areas to approx. 300 additional, similar sites
- Identifies responsible/lead/support agencies
- Reference Table 1 of waste sites addressed by the Proposed Plan and Figure 1
- States that Proposed Plan:
 - Fulfills requirements of CERCLA (Section 117a)
 - Describes remedial alternatives analyzed/rationale for preference
 - Identifies key information in Administrative Record
 - Solicits public comments on selection of remedy
 - Identifies agency contact(s) and dates for public involvement activities

HANFORD SITE BACKGROUND (*Note: Most language already available from other Proposed Plans*)

- Provide a brief description of past Hanford Site operations/NPL status
- Explain how Remaining Sites relate to past operations

SUMMARY OF CURRENT REMEDIAL ACTIONS IN 100 AREAS

- Summarize evaluation process and identify the 6 alternatives considered for radioactive liquid effluent disposal sites in BC/DR/HR-1 OUs. Indicate that, through public involvement (Proposed Plan review, Public Meeting), remove, treat as appropriate or required, was selected as the Preferred Alternative; decision presented in September 1995 ROD for 37 waste sites
- Sites in 100-B/C-1 and 100-D/DR-1 have been/are in process of remediation by implementing Preferred Alternative; 116-B-5 has been closed out; ERDF has since opened and XXX tons have been disposed to date; remedial design in progress at XX waste sites in 100-H, F, and K (i.e., Groups 3 and 4) (see ROD Amendment Proposed Plan, p. 1 for summary of events since 1995).
- September 1995 ROD modified by April 1997 ROD Amendment that 1) added 34 more sites, 2) presented revised (lowered) cost estimates for implementing Preferred Alternative, and 3) modified the Preferred Alternative to remove, treat as required (i.e., for LDRs only, not for volume reduction based on soil washing and/or thermal desorption)

- Mention groundwater ROD, pump-and-treat operations in 100-D/DR, 100-H, and 100-K Areas

SUMMARY OF SITE RISK

- Indicate that no risk evaluation has been performed; presence/absence of risk at individual waste sites will be based on whether cleanup goals are exceeded/not exceeded.

SCOPE AND ROLE OF ACTION

- Indicate that the objective of remedial action is to reduce potential future threats to human health and environment; additional remedial actions are not expected to be needed
- Add wording about flexibility to allow the addition to the ROD of 1) future newly discovered waste sites in the 100 Areas and 2) D & D sites that are determined to have soil contamination will required remedial action. Such sites should be able to be added to the ROD either as an "insignificant difference" without the need for an ESD or a ROD amendment or as a "significant difference" with an ESD or a ROD
- Indicate that the ROD will replace plans for some waste sites previously presented to the public in Work Plans and Focus Packages
- Final land use of 100 Areas not been established, but remedial action goals are agreed to that would not limit future uses of 100 Areas

REMEDIAL ACTION GOALS (*Note: Most language already available from other Proposed Plans*)

- Agreed to remedial action goals for the 100 Areas are as follows:
 - For metals, MTCA
 - For radionuclides, 15 mrem/yr above background
 - For protection of groundwater, *Safe Drinking Water Act* MCLs
 - For protection of Columbia River, *Clean Water Act* AWQC
- Balancing criteria for deep sites
- To be updated and revised as required per DOE/RL-96-17 *Remedial Design/Remedial Action Work Plan*, Rev. 0 (or most recent revision) and any remediation experiences.

SUMMARY OF ALTERNATIVES CONSIDERED

- Overall strategy is to indicate that, if we went through all of the FFS steps that were followed for the liquid waste sites in the ROD, the Remaining Sites are similar enough that it would be expected that the same conclusion would be reached: the Preferred Alternative for sites requiring Action is remove, treat as required, and dispose and No Action is appropriate for sites that do not require remediation. Indicate that the most implementable and cost-effective has been selected for the Remaining Sites. This is a "presumptive remedy-like" approach.
- Identify the 6 alternatives originally considered for radioactive liquid effluent disposal sites in the September 1995 ROD. Indicate that remove, treat, dispose was selected and is

currently being implemented.

- Remove, treat, and dispose is applicable to the Remaining Sites because 1) of similarities in the COPCs and 2) the affected media for both waste site types is soil (rather than contaminated materials as in burial grounds). If some sites are sufficiently different for liquid sites such that remove, treat as required, and dispose is not appropriate, then the differences may need to be analyzed separately and addressed appropriately.

DESCRIPTION OF PREFERRED ALTERNATIVE

- Some sites are to be sampled to provide engineering data required to complete remedial design; if results demonstrate that cleanup goals are already met, no further action will be required and the site will be closed out; if results indicate that cleanup goals are not met, then site will be remediated by remove, treat, and dispose. An ESD may be required to address the increase in costs for sites that, after sampling, are determined to require remediation.
- For sites requiring remedial action, the Preferred Alternative will consist of the following (borrow wording from ROD Amendment Proposed Plan, p. 3):
 - Removal of contaminated soil and structures using the Observational Approach
 - Treatment as required to meet disposal criteria at ERDF
 - Disposal of contaminated materials at ERDF
 - Backfill of excavated areas followed by revegetation of waste site area

EVALUATION OF ALTERNATIVES

- There will be no new evaluation of alternatives. Based on a presumptive-like remedy approach, the Evaluation of Alternatives already done in FFSs and Proposed Plans supporting the September 1995 ROD will be summarized, indicating why remove, treat, and disposed is them most cost effective and protective.
- Costs will be different for Remaining Sites, as we believe that some sites (i.e., confirmatory sampling sites) may already meet cleanup goals and are planned only for confirmatory sampling, not remediation.

EVALUATION OF POTENTIAL ENVIRONMENTAL IMPACTS *(Note: Most language already available from other Proposed Plans)*

- Use discussion in the 100-BC-1 Proposed Plan; update/revise per any pertinent information in the RD/RAWP or information resulting from remedial actions in 100-B/C and 100-D/DR.

STATUTORY DETERMINATION

- Determine whether this is necessary to include: Issue is RPP/CPP for 100-HR-2 (an Ecology-lead OU), which has not been specifically discussed in either the September

- 1995 ROD or the April 1997 ROD Amendment
- Indicate that, per the August 1, 1996, ERDF ESD, wastes from an RPP can be disposed at ERDF without redesignating the RPP to a CPP.
- If included, use similar wording as in ROD Amendment Proposed Plan (p. 5).

Table 1. 100 Area Remaining Sites

- Table to be similar to Table 3 in ROD Amendment and include operable unit, WIDS site code/name, current site knowledge summary, media/material affected, COPCs, estimated volume for disposal, estimated remediation and disposal costs, and total costs

Figure 1. Map showing location of 100 Area Remaining Sites and ERDF

List of Supporting Documents (i.e., references)

Points of Contact (DOE, EPA, Ecology)

Administrative Record (locations)

Information Repositories (locations)

Glossary (for technical and specialized words and terms used in the Proposed Plan)

**PRELIMINARY 100 AREA REMAINING SITES
DISPOSITION TABLES**

DRAFT

Preliminary 100 Area Remaining Sites Disposition Tables

April 24, 1997

Attached are the following Revised 100 Area Remaining Sites Tables, Draft 6, for:

- Sites for Remedial Action (1 page) 12 sites
 - Sites for Confirmatory Sampling (2 pages) 72 sites
 - Sites Regulated Under Other Authorities (4 pages) 123 sites
 - Sites Recommended for No Action or Rejection (1 page) 21 sites
 - Key Facilities and Sites for D&D (2 pages) 43 sites
- Total: 271 sites

- Burial Ground Sites (2 pages) 45 sites
- Grand Total: 316 sites

100 AREA REMAINING SITES FOR REMEDIAL ACTION - DRAFT 6

April 24, 1997
(table26r.xls)

Operable Unit	WQS Site Code	Waste Site Name	WQS Classification	Listed in TPA App. C (Rev.4)?	Existing Administrative Record Documentation	Proposed Action	Comments
100-BC-1							
100-BC-1	128-B-3	Coal Ash and Demolition Waste Site; Dump & Burning Pit Site; includes site 600-57	Accepted	Y	WP; LFI; QRA; FFS; FS 1&2	Remove/Treat/Dispose	No data; evidence of stressed vegetation
TOTAL 100-BC-1 SITES:				1			
100-DR-1							
100-DR-1	100-D-1	Contaminated Storm Drain	Accepted	N	ROD Strategy	Remove/Treat/Dispose	Contaminated by retention basin leakage
100-DR-1	100-D-2	Lead Sheeting (formerly 100-D-39)	Accepted	N		Remove/Treat/Dispose (formerly a CSE site)	Removal of lead may clear site
100-DR-1	100-D-3	Solid Waste Burial Site; Silica Gel	Accepted	N	ROD Strategy	Remove/Treat/Dispose	Possible site of 100-D Pluto Crib
100-DR-1	100-D-4	Trench Near 107-D; Undocumented Liquid Waste Site; Sludge Trench #6	Accepted	N	WP; QRA; ROD Strategy	Remove/Treat/Dispose	Include with Group 2 remedial actions
100-DR-1	100-D-31	100-D Process Sewer System	Accepted	Y		Remove/Treat/Dispose	Piping potentially contaminated
TOTAL 100-DR-1 SITES:				5			
100-DR-2							
100-DR-2	100-D-12	Sodium Dichromate / Acid Railcar and Truck Unloading Station and Associated French Drain	Accepted	N	WP; LFI; QRA; FFS	Remove/Treat/Dispose	LFI sampling confirmed presence of chromates
100-DR-2	116-D-8	100-D Cask Storage Pad	Accepted	N	WP; LFI; QRA; FFS; ROD Strategy	Remove/Treat/Dispose	Contaminated with radionuclides
100-DR-2	116-DR-7	Inkwell Crib	Accepted	Y	WP; LFI; QRA; ROD Strategy; FS 1&2	Remove/Treat/Dispose	Crib received potassium borate contaminated with radionuclides
TOTAL 100-DR-2 SITES:				3			
100-FR-1							
100-FR-1	100-F-26	100-F Area Process Sewers and Water Treatment Facility Pipelines (excluding Process Effluent Pipelines)	Accepted	N	LFI	Remove/Treat/Dispose	Piping potentially contaminated
TOTAL 100-FR-1 SITES:				1			
100-HR-1							
100-HR-1	100-H-22	Unplanned Release; Soil Contaminated by Effluent Line Leakage	Accepted	N	WP; LFI; QRA; FFS	Remove/Treat/Dispose	Expected to be removed with Process Effluent Pipelines
100-HR-1	100-H-28	100-H Area Process Sewers and Water Treatment Facility Pipelines (excluding 100-H-21 Process Effluent Pipelines)	Accepted	N		Remove/Treat/Dispose	Piping potentially contaminated
TOTAL 100-HR-1 SITES:				2			
TOTAL REMAINING SITES FOR REMEDIAL ACTION:				12			

ADMINISTRATIVE RECORD DOCUMENTATION

- WP = Work Plan
- LFI = Limited Field Investigation
- QRA = Qualitative Risk Assessment
- FFS = Focused Feasibility Study
- FS 1&2 = 100 Area Feasibility Study, Phases 1 and 2
- ROD Strategy = 100 Area Record of Decision Strategy, 2/8/96
- WSR-96 = Waste Site Reclassification Documentation, FY96

100 AREA REMAINING SITES FOR CONFIRMATORY SAMPLING - DRAFT 6

April 24, 1997
(table26c.xls)

Operable Unit	WDS Site Code	Waste Site Name	WDS Classification	Listed in TPA App. C (Rev.4/7)	Existing Administrative Record Documentation	Proposed Action	Comments
100-BC-1							
100-BC-1	100-B-3	Former Hot Thimble Burial Ground	Accepted	N		Confirmatory Sampling	CSE-96 Site; Thimble removed
100-BC-1	116-B-15	105-B Fuel Storage Basin Cleanout Percolation Pit	Accepted	Y	WP; LFI; Rod Strategy	Confirmatory Sampling	Received cleaned water from 105-B Fuel Storage Basin Cleanout
100-BC-1	116-B-16	111-B Fuel Examination Tank	Accepted	Y	ROD Strategy	Confirmatory Sampling	Former D&D Building site; tank "closed" in place. Proximity Site for Group 3 Remedial Design.
100-BC-1	120-B-1	105-B Battery Acid Sump	Accepted	Y	WP; LFI; ROD Strategy; FS 1&2	Confirmatory Sampling	Sump was cleaned in 1986 and not reused.
100-BC-1	128-B-2	100-B Burn Pit #2	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Confirmatory Sampling	CSE-96 Site
TOTAL 100-BC-1 SITES:				6			
100-BC-2							
100-BC-2	100-B-1	Surface Chemical and Solid Waste Dumping Area, Laydown Yard	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-BC-2	100-C-3	119-C Sample Building French Drain	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-BC-2	116-C-3	105-C Chemical Waste Tanks (unused)	Discovery	Y	WP; LFI; ROD Strategy; FS 1&2	Confirmatory Sampling	CSE-96 Site
100-BC-2	116-C-6	105-C Fuel Storage Basin Cleanout Percolation Pit	Accepted	Y	WP; LFI; Rod Strategy	Confirmatory Sampling	Received cleaned water from 105-C Fuel Storage Basin Cleanout
100-BC-2	128-C-1	100-C Burning Pit	Accepted	N	WP; LFI; FFS; ROD Strategy; FS 1&2	Confirmatory Sampling	Used for burning of solvents and solid wastes; no burial sites.
TOTAL 100-BC-2 SITES:				6			
100-DR-1							
100-DR-1	100-D-7	Solid Waste Dump	Accepted	N		Confirmatory Sampling	Solid waste; no hazardous waste or asbestos known.
100-DR-1	100-D-10	Storm Drain Outfall, Undocumented Liquid Waste Site	Discovery	N		Confirmatory Sampling	Outfall demolished and removed; potential chromate contamination
100-DR-1	100-D-24	119D Sample Building French Drain	Discovery	N		Confirmatory Sampling	Indicated on Site dwg U-1-19810
100-DR-1	100-D-30	190-D Sodium Dichromate Soil Contamination, 185-D NaCr Trench	Discovery	N		Confirmatory Sampling	Not known to be contaminated with Chromium VI
100-DR-1	128-D-2	Burn Pit Site	Accepted	Y	ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-DR-1	130-D-1	1716-D Gasoline Storage Tank Site	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Confirmatory Sampling	CSE-96 Site
100-DR-1	628-3	Burn Pit	Accepted	Y	ROD Strategy	Confirmatory Sampling	CSE-96 Site
TOTAL 100-DR-1 SITES:				7			
100-DR-2							
100-DR-2	100-D-15	Undocumented Solid Waste Burial Sites/Borrow Pits	Discovery	N		Confirmatory Sampling	Solid waste; no hazardous waste or asbestos known.
100-DR-2	100-D-23	119-DR Building French Drain	Discovery	N		Confirmatory Sampling	Indicated on Site dwg U-1-19810
100-DR-2	116-DR-8	117-DR Seal Pit Crib	Accepted	Y	WP; LFI; QRA; ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-DR-2	128-D-1	100 D/DR Burning Pit	Accepted	Y	WP; LFI; QRA; ROD Strategy	Confirmatory Sampling	Used for burning of solvents and solid wastes; no burial sites.
100-DR-2	600-30	100-DR Construction Lay-down Area	Accepted	N	ROD Strategy	Confirmatory Sampling	Solid waste; no hazardous waste or asbestos known.
TOTAL 100-DR-2 SITES:				6			
100-FR-1							
100-FR-1	100-F-4	108-F Building 12-inch French Drain	Accepted	N		Confirmatory Sampling	Remove with D&D of 108-F Building
100-FR-1	100-F-9	First French Drain at East End of 105-F Storage Room	Accepted	N	ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-FR-1	100-F-10	Second French Drain at East End of 105-F Storage Room	Accepted	N	ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-FR-1	100-F-11	108-F Building 18 inch French Drain	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-FR-1	100-F-12	36 inch French Drain at 105-F Building	Accepted	N	ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-FR-1	100-F-16	108-F Building 30-inch French Drain, Undocumented	Discovery	N		Confirmatory Sampling	Remove with D&D of 108-F Building
100-FR-1	100-F-17	Chemicals Used at 108-F Building; Chemical Storage Tanks at 108-F	Discovery	N		Confirmatory Sampling	Remove with D&D of 108-F Building
100-FR-1	100-F-18	Underground Tank at 105-F Building, Undocumented	Discovery	N		Confirmatory Sampling	May have been removed
100-FR-1	116-F-7	117-F French Drain	Accepted	Y	WP; LFI; ROD Strategy; FS 1&2	Confirmatory Sampling	CSE-96 Site
100-FR-1	116-F-12	148-F French Drain	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Confirmatory Sampling	CSE-96 Site
100-FR-1	128-F-2	100-F Burning Pit	Accepted	Y	WP; QRA; ROD Strategy; FS 1&2	Confirmatory Sampling	Used for burning of solvents and solid wastes; no burial sites.
100-FR-1	132-F-1	Chronic Feeding Barn Site	Accepted	N	WP; LFI; ROD Strategy	Confirmatory Sampling	LFI test pit found no contamination above background
100-FR-1	UPR-100-F-1	UN-100-F-1 Unplanned Release, 141-C to 141-M Process Sewer Line Leak	Accepted	Y	WP; LFI; QRA; FFS	Confirmatory Sampling	CSE-96 Site

100 AREA REMAINING SITES FOR CONFIRMATORY SAMPLING - DRAFT 6

April 24, 1997
(table26c.xls)

Operable Unit	WDS Site Code	Waste Site Name	WDS Classification	Listed in TPA App. C (Rev.4/77)	Existing Administrative Record Documentation	Proposed Action	Comments
100-FR-1	UPR-100-F-3	Mercury Spill at 146-F Fish Lab	Accepted	N		Confirmatory Sampling	Said to have been cleaned up
TOTAL 100-FR-1 SITES:				14			
100-FR-2							
100-FR-2	100-F-2	Strontium Garden, Undocumented Waste Site	Discovery	N	FFS; ROD Strategy	Confirmatory Sampling	Gamma emitting radionuclides detected by radiation survey
100-FR-2	118-F-4	Silica Gel Burial Ground; 115-F Pit	Accepted	Y	WP; FFS; ROD Strategy	Confirmatory Sampling	Silica gel containing C-12 from 115-F gas recirculation facility
100-FR-2	100-F-22	Pit, Undocumented Suspect Waste Site	Discovery	N		Confirmatory Sampling	No information available
100-FR-2	128-F-1	Burning Pit	Accepted	Y	WP; FFS; ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-FR-2	128-F-3	PNL Burning Pit	Accepted	Y	FFS; ROD Strategy	Confirmatory Sampling	CSE-96 Site
TOTAL 100-FR-2 SITES:				5			
100-HR-1							
100-HR-1	100-H-7	French Drain A	Accepted	N	ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-HR-1	100-H-8	French Drain B	Accepted	N	ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-HR-1	100-H-9	French Drain C	Accepted	N	ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-HR-1	100-H-10	French Drain D	Accepted	N		Confirmatory Sampling	CSE-96 Site
TOTAL 100-HR-1 SITES:				4			
100-HR-2							
100-HR-2	128-H-1	Burning Pit	Accepted	Y	WP; LFI; ROD Strategy	Confirmatory Sampling	CSE-96 Site
100-HR-2	128-H-2	Burning Pit	Accepted	Y	WP; LFI; ROD Strategy	Confirmatory Sampling	CSE-96 Site
TOTAL 100-HR-2 SITES:				2			
100-KR-2							
100-KR-2	100-K-9	118-KE-2 Control Rod Storage Cave French Drain (North)	Accepted	N	ROD Strategy	Confirmatory Sampling	Part of an intact facility
100-KR-2	100-K-10	118-KE-2 Control Rod Storage Cave French Drain (South)	Accepted	N	ROD Strategy	Confirmatory Sampling	Part of an intact facility
100-KR-2	100-K-11	118-KW-2 Control Rod Storage Cave French Drain (North)	Accepted	N		Confirmatory Sampling	Part of an intact facility
100-KR-2	100-K-12	118-KW-2 Control Rod Storage Cave French Drain (South)	Accepted	N		Confirmatory Sampling	Part of an intact facility
100-KR-2	100-K-14	183-KE Acid Neutralization Pit and Overflow French Drain	Accepted	N		Confirmatory Sampling	Part of an intact facility
100-KR-2	100-K-17	Acid Neutralization Pit Near 120-KW-3 / 4	Accepted	N		Confirmatory Sampling	Part of an intact facility
100-KR-2	100-K-26	Acid Neutralization Pit near 120-KE-4 and 5	Accepted	N		Confirmatory Sampling	Part of an intact facility
100-KR-2	100-K-29	183-KE Sandblast Area	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-KR-2	100-K-30	183-KE Sulfuric Acid Tank Site (West)	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-KR-2	100-K-31	183-KE Sulfuric Acid Tank Site (East)	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-KR-2	100-K-32	183-KW Sulfuric Acid Tank Site (East)	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-KR-2	100-K-33	183-KW Sulfuric Acid Tank Site (West)	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-KR-2	100-K-34	183-KW Acid Neutralization Pit	Accepted	N		Confirmatory Sampling	Part of an intact facility
100-KR-2	100-K-35	183-KE Acid Neutralization Pit	Accepted	N		Confirmatory Sampling	Part of an intact facility
100-KR-2	100-K-46	119-KE French Drain	Discovery	N		Confirmatory Sampling	Received laboratory wastes
100-KR-2	120-KE-2	183-KE Filter Waste Facility French Drain	Accepted	Y		Confirmatory Sampling	Received Sulfuric Acid Sludge
100-KR-2	120-KE-3	183-KE Filter Water Facility Trench for sulfuric acid sludge.	Accepted	Y		Confirmatory Sampling	CSE-96 Site. Sludge was removed; site cannot be found.
100-KR-2	120-KE-4	183-KE1 Sulfuric Acid Storage Tank	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-KR-2	120-KE-5	183-KE2 Sulfuric Acid Storage Tank	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-KR-2	120-KW-2	183-KW Filter Water Facility French Drain	Accepted	Y		Confirmatory Sampling	Received Sulfuric Acid Sludge
100-KR-2	120-KW-4	183-KW2 Sulfuric Acid Storage Tank	Accepted	N		Confirmatory Sampling	CSE-96 Site
100-KR-2	128-K-2	100-K Construction Dump & Burning Pit	Accepted	Y		Confirmatory Sampling	May contain asbestos
100-KR-2	130-K-2	1717-K Waste Oil Storage Tank	Accepted	Y	WP; ROD Strategy; FS 1&2	Confirmatory Sampling	CSE-96 Site
100-KR-2	600-4	Howitzer Site	Accepted	N		Confirmatory Sampling	Solid waste; no hazardous waste or asbestos known.
100-KR-2	600-29	100-K Construction Lay-down Area	Accepted	N		Confirmatory Sampling	CSE-96 Site
TOTAL 100-KR-2 SITES:				25			

TOTAL REMAINING SITES FOR CONFIRMATORY SAMPLING: 72

ADMINISTRATIVE RECORD DOCUMENTATION
 WP = Work Plan
 LFI = Limited Field Investigation
 QRA = Qualitative Risk Assessment
 FFS = Focused Feasibility Study
 FS 1&2 = 100 Area Feasibility Study, Phases 1 and 2
 ROD Strategy = 100 Area Record of Decision Strategy, 2/8/96
 WSR-96 = Waste Site Reclassification Documentation, FY96

100 AREA REMAINING SITES REGULATED UNDER OTHER AUTHORITIES - DRAFT 6

DRAFT

April 24, 1997
(table16.xls)

Operable Unit	WIS Site Code	Waste Site Name	WIS Classification	Listed in TPA App. C (Rev.4)7	Existing Administrative Record Documentation	Proposed Disposition	Comments
100-BC-1							
100-BC-1	100-B-2	181-B Backwash Trench	Discovery	N		Facility in use; FDH Responsibility	
100-BC-1	100-B-4	Pre-Hanford Building Foundation	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-BC-1	100-B-5	Effluent Vent Disposal Trench (unused)	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-BC-1	126-B-1	184-B Power House Ash Pit; 188-B Ash Disposal Area	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Solid waste site; Close under WAC 173-304	
100-BC-1	126-B-2	183-B Clearwells	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Solid waste site; Close under WAC 173-304	
100-BC-1	126-B-3	184-B Coal Pit	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Solid waste site; Close under WAC 173-304	
100-BC-1	132-B-1	108-B Tritium Separation Facility	Accepted	Y	WP; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-BC-1	132-B-3	108-B Ventilation Exhaust Stack Site	Accepted	Y	ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-BC-1	132-B-4	117-B Filter Building	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-BC-1	132-B-5	115-B/C Gas Recirculation Facility	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-BC-1	1607-B2	Septic Tank System, 124-B-2	Accepted	Y	WP; LFI; FFS; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-BC-1	1607-B4	Septic Tank System, 124-B-6	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-BC-1	1607-B5	Septic Tank System, 124-B-4	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-BC-1	1607-B6	Septic Tank System, 124-B-5	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-BC-1	1607-B7	Septic Tank System; 124-C-1	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-BC-1	600-34	100-B Baled Tumbleweed Disposal Site	Accepted	N	FFS; ROD Strategy	Solid waste site; Close under WAC 173-304	
100-BC-1	600-56	Pre-Hanford Farm Site	Discovery	N		Not a waste site; Site infrastructure responsibility	
TOTAL 100-BC-1 SITES:				17			
100-BC-2							
100-BC-2	100-C-2	Possible Building Foundation and Parking Lot	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-BC-2	132-C-1	105-C Reactor Stack Burial Ground	Accepted	Y	WP; LFI; FFS; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-BC-2	132-C-3	117-C Filter Building Site	Accepted	Y	WP; LFI; FFS; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-BC-2	1607-B8	Septic Tank and Drain Field	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-BC-2	1607-B9	Septic Tank and Drain Field	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-BC-2	1607-B10	Septic Tank and Drain Field	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-BC-2	1607-B11	Septic Tank and Drain Field	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
TOTAL 100-BC-2 SITES:				7			
100-DR-1							
100-DR-1	100-D-8	105-DR Process Sewer Outfall Site; 1907-DR	Accepted	N		Former structure; Solid waste site; Close under WAC 173-304	
100-DR-1	100-D-38	Suspect Septic Tank	Discovery	N	WP; LFI	Septic system; Close under WAC 247-272-18501	
100-DR-1	116-D-10	105-D Fuel Storage Basin Cleanout Percolation Pit	Accepted	Y	ROD Strategy	Not a waste site; Site infrastructure responsibility	
100-DR-1	120-D-1	100-D Ponds	Accepted	Y	WP; LFI; QRA; FS 1&2	RCRA Permit Mod.	
100-DR-1	126-D-1	184-D Powerhouse Ash Pit; 188-D Ash Disposal Area	Accepted	Y	WP; LFI; QRA; ROD Strategy; FS 1&2	Solid waste site; Close under WAC 173-304	
100-DR-1	132-D-1	115-D/DR Gas Recirculating Facility	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-DR-1	132-D-2	117-D Filter Building	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-DR-1	132-D-3	1608-D Waste Water / Effluent Pumping Station	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Former structure; Solid waste site; Close under WAC 173-304	
100-DR-1	1607-D4	Septic Tank and Drain Field	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	

100 AREA REMAINING SITES REGULATED UNDER OTHER AUTHORITIES - DRAFT 6

April 24, 1997
(table16.xls)

Operable Unit	WDS Site Code	Waste Site Name	WDS Classification	Listed in TPA App. C (Rev.4)?	Existing Administrative Record Documentation	Proposed Disposition	Comments
100-DR-1	1607-D5	Septic Tank and Drain Field	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-DR-1	UPR-100-D-1	Oil Soaked Soil	Accepted	N		Evaluate under WAC 173-340-740, Method A, and clean up if necessary	
TOTAL 100-DR-1 SITES:				11			
100-DR-2							
100-DR-2	100-D-11	Temporary Garage and Gasoline Dispensing Station, Undocumented Waste Site	Discovery	N	WP	Possible UST; If found, close under WAC 173-360	
100-DR-2	100-D-13	IMHOFF Septic Tank and drain field. D-13; 124-DR-3; 1607-DR3	Discovery	N		Septic system; Close under WAC 247-272-18501	
100-DR-2	100-D-26	190-DR Building Septic System	Accepted	N		Septic system; Close under WAC 247-272-18501	
100-DR-2	100-D-36	1614-D-1, Concrete Pad for Monitoring Station (800 Area)	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-DR-2	100-D-37	1614-D-3 Concrete Pad for Monitoring Station (800 Area)	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-DR-2	116-DR-10	105-DR Fuel Storage Basin Cleanout Percolation Pond	Accepted	Y	WP; LFI; QRA; ROD Strategy	Not a waste site; Site infrastructure responsibility	
100-DR-2	122-DR-1	105-DR Sodium Fire Facility	Accepted	Y		FDH Responsibility	
100-DR-2	132-DR-1	1608-DR Waste Water / Effluent Pumping Station	Accepted	Y	WP; LFI; QRA; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-DR-2	1607-D3	Septic Tank and Drain Field	Accepted	N	WP; LFI; QRA; ROD Strategy	Septic system; Close under WAC 247-272-18501	
TOTAL 100-DR-2 SITES:				9			
100-FR-1							
100-FR-1	100-F-5	1717-F Building Drywell and Underground Fuel Tanks	Discovery	N	ROD Strategy	Possible UST; If found, close under WAC 173-360	
100-FR-1	100-F-7	Underground Fuel Tank - 1705-F Building	Accepted	N	ROD Strategy	Possible UST; If found, close under WAC 173-360	
100-FR-1	100-F-8	French Drains Near 105-F Gate	Accepted	N	ROD Strategy	Not a waste site; Site infrastructure responsibility	
100-FR-1	116-F-13	1705-F Experimental Garden French Drain	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-FR-1	132-F-2	144-F, 144-FB Inhalation Laboratory Site	Accepted	N	WP; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-FR-1	132-F-3	115-F Gas Recirculating Facility Site	Accepted	Y	WP; LFI; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-FR-1	132-F-4	116-F Reactor Stack Demolition Site	Accepted	Y	WP; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-FR-1	132-F-5	117-F Filter Building Site	Accepted	Y	WP; LFI; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-FR-1	132-F-6	1608-F Waste Water Pumping Station Site	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-FR-1	141-C	Large Animal Barn & Biology Laboratory	Accepted	N	ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-FR-1	1607-F2	Septic Tank	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-FR-1	1607-F3	Septic Tank, 124-F-3	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-FR-1	1607-F4	Septic Tank; 124-F-4	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-FR-1	1607-F5	Septic Tank; 124-F-5	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-FR-1	1607-F6	Septic Tank, 124-F-6	Accepted	Y	WP; LFI; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-FR-1	1607-F7	141-M Building Septic Tank, 124-F-7	Discovery	N	WP; LFI	Septic system; Close under WAC 247-272-18501	
100-FR-1	182-F	182-F Reservoir	Accepted	N	WP; ROD Strategy	Septic system; Close under WAC 247-272-18501	
TOTAL 100-FR-1 SITES:				17			
100-FR-2							
100-FR-2	100-F-14	Vent pipe near 105-F Reactor Building	Accepted	Y	FFS; ROD Strategy	Not a waste site; Site infrastructure responsibility	
100-FR-2	120-F-1	Glass Dump	Accepted	Y	WP; FFS; ROD Strategy	Solid waste site; Close under WAC 173-304	
100-FR-2	600-31	100-F Area Bottle Disposal Site	Accepted	N	FFS; ROD Strategy	Solid waste site; Close under WAC 173-304	
TOTAL 100-FR-2 SITES:				3			
100-HR-1							

100 AREA REMAINING SITES REGULATED UNDER OTHER AUTHORITIES - DRAFT 6

April 24, 1997
(table16.xls)

Operable Unit	WQS Site Code	Waste Site Name	WQS Classification	Listed in TPA App. C (Rev.4)F	Existing Administrative Record Documentation	Proposed Disposition	Comments
100-HR-1	100-H-3	Suspect Waste Site: 1716-H Garage Fuel Tank Site	Discovery	N	ROD Strategy	Possible UST; if found, close under WAC 173-360	
100-HR-1	100-H-4	1717-H Hot Shop French Drain and Contaminated Storage Unit	Accepted	N	WP, ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-HR-1	116-H-6	183-H Solar Evaporation Basins	Accepted	Y	WP; LFI; QRA; FS 1&2	RCRA Permt Mod.	
100-HR-1	126-H-2	183-H Clearwells/Disposal Pit	Accepted	Y	ROD Strategy; FS 1&2	Former structure; Solid waste site; Close under WAC 173-304	
100-HR-1	132-H-1	116-H Reactor Exhaust Stack Burial Site	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-HR-1	132-H-3	1606-H Waste Water Pumping Station Site	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Former structure; Solid waste site; Close under WAC 173-304	
100-HR-1	1607-H2	Septic Tank and Drain Field, 124-H-2	Accepted	Y	WP; LFI; FS 1&2; ROD Strategy	Septic system; Close under WAC 247-272-18501	
100-HR-1	1607-H3	Septic Tank and Drain Field; 124-H-3	Accepted	Y	WP; FS 1&2	Septic system; Close under WAC 247-272-18501	
100-HR-1	1607-H4	Septic Tank and Drain Field, 124-H-4	Accepted	N	WP; LFI; FS 1&2; ROD Strategy	Septic system; Close under WAC 247-272-18501	
TOTAL 100-HR-1 SITES:				9			
100-HR-2							
100-HR-2	100-H-15	Suspect Waste Site: Possible Septic Tank & Tile Field	Discovery	N		Septic system; Close under WAC 247-272-18501	
100-HR-2	100-H-16	Suspect Waste Site: Power House Brine Pit and French Drain	Discovery	N		Former structure; Solid waste site; Close under WAC 173-304	
100-HR-2	100-H-23	100H/R12 North Intersection site (600 Area)	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-HR-2	100-H-24	151-H Electrical Facilities and Laydown Yard	Discovery	N		PCB site; Address under TSCA	
100-HR-2	100-H-27	100-H Area Patrol Headquarters Storm Runoff Ditch	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-HR-2	126-H-1	184-H Powerhouse Ash Pit; 188-H Ash Disposal Area	Accepted	Y	WP; ROD Strategy	Solid waste site; Close under WAC 173-304	
100-HR-2	126-H-3	100-H Burning Ground #3	Accepted	Y	WP; ROD Strategy	Solid waste site; Close under WAC 173-304	
100-HR-2	132-H-2	117-H Filter Building Site	Accepted	Y	ROD Strategy	Former structure; Solid waste site; Close under WAC 173-304	
100-HR-2	1607-H1	Septic Tank and Drain Field, 124-H-1	Accepted	Y	WP	Septic system; Close under WAC 247-272-18501	
TOTAL 100-HR-2 SITES:				9			
100-KR-2							
100-KR-2	100-K-13	French Drain west of 166-KW oil storage tank	Accepted	N	FFS; ROD Strategy	Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-15	183-KW Liquid Alum Storage Tank, West	Accepted	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-16	183-KW Liquid Alum Storage Tank (East)	Accepted	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-18	183-KW Caustic Neutralization Pit	Accepted	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-19	183-KW Caustic Soda Storage Tank Site	Accepted	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-25	183-KE Caustic Neutralization Pit	Accepted	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-27	183-KE Caustic Soda Storage Tank	Accepted	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-36	1706KE Chemical Storage Facility Dry Well	Accepted	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-37	1706KE Sulfuric Acid Tank	Accepted	N	FFS; ROD Strategy	Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-38	1706KE Caustic Tank	Accepted	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-39	118-KE-3 Filter Crib (Probably does not exist)	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-41	100K Demolition Pit (600 Area)	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-42	105-KE Fuel Storage Basin; Irradiated Fissile Material Storage	Discovery	N		TPA Milestone M-34	
100-KR-2	100-K-43	105-KW Fuel Storage Basin; Irradiated Fissile Material Storage	Discovery	N		TPA Milestone M-34	
100-KR-2	100-K-47	1904-K Process Sewer	Discovery	N		Not a waste site; Site infrastructure responsibility	
100-KR-2	100-K-48	100-KE Oil Contamination Areas	Discovery	N		Evaluate under WAC 173-340-740, Method A, and clean up if necessary	

100 AREA REMAINING SITES REGULATED UNDER OTHER AUTHORITIES - DRAFT 6

April 24, 1997
(table16.xls)

Operator Unit	WDS Site Code	Waste Site Name	WDS Classification	Listed in TPA App. C (Rev.4)?	Existing Administrative Record Documentation	Proposed Disposition	Comments
100-KR-2	100-K-49	100-KW Oil Contamination Areas	Discovery	N		Evaluate under WAC 173-340-740, Method A, and clean up if necessary	
100-KR-2	116-KE-6A	1706-KE Condensate Collection Tank	Accepted	N	WP; ROD Strategy; FS 1&2	FDH Responsibility	
100-KR-2	116-KE-6B	1706-KE Evaporation Tank	Accepted	N	WP; ROD Strategy; FS 1&2	FDH Responsibility	
100-KR-2	116-KE-6C	1706-KE Waste Accumulation Tank	Accepted	N	WP; ROD Strategy; FS 1&2	FDH Responsibility	
100-KR-2	116-KE-6D	1706-KE Ion Exchange Column	Accepted	N	WP; ROD Strategy; FS 1&2	FDH Responsibility	
100-KR-2	120-KE-1	183-KE Filter Waste Facility Dry Well	Accepted	Y	WP; FFS; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	120-KE-6	183-KE Sodium Dichromate Tank	Accepted	Y	WP; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	120-KE-8	165-KE Brine Pit	Accepted	Y	WP; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	120-KE-9	183-KE Brine Pit	Accepted	Y	WP; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	120-KW-1	183-KW Filter Water Facility Dry Well	Accepted	Y	WP; FFS; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	120-KW-3	183-KW1 Sulfuric Acid Storage Tank	Accepted	N	WP; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	120-KW-5	183-KW Sodium Dichromate Storage Tank	Accepted	Y	WP; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	120-KW-6	165-KW Brine Pit	Accepted	Y	WP; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	120-KW-7	183-KW Brine Pit	Accepted	Y	WP; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	126-K-1	100-K Demolition Inert Landfill	Accepted	Y	WP; FFS; ROD Strategy; FS 1&2	Solid waste site; Close under WAC 173- 304	
100-KR-2	126-KE-3	183-KE Liquid Alum Storage Tank #1	Accepted	N	WP; ROD Strategy; FS 1&2	Not a waste site; Site infrastructure responsibility	
100-KR-2	128-K-1	100-K Burning Pit	Accepted	Y	WP; FFS; ROD Strategy; FS 1&2	Solid waste site; Close under WAC 173- 304	
100-KR-2	130-KE-2	166-KE Oil Storage Tank	Accepted	Y	WP; ROD Strategy; FS 1&2	UST; Close under WAC 173-360	
100-KR-2	130-KW-2	166-KW Oil Storage Tank	Accepted	Y	WP; ROD Strategy	UST; Close under WAC 173-360	
100-KR-2	600-55	Paved area and collapsed structure	Accepted	N	FFS	Not a waste site; Site infrastructure responsibility	
100-KR-2	1607-K2	Septic Tank and Drain Field; 124-KE-1	Accepted	Y	WP; FFS; FS 1&2	Septic system; Close under WAC 247- 272-18501	
100-KR-2	1607-K3	Septic Tank and Drain Field; 124-KW-2	Accepted	Y	WP; FFS; FS 1&2	Septic system; Close under WAC 247- 272-18501	
100-KR-2	1607-K4	Septic Tank and Drain Field; 124-K-2	Accepted	Y	WP; FFS; FS 1&2	Septic system; Close under WAC 247- 272-18501	
100-KR-2	1607-K5	Septic Tank and Drain Field; 124-KE-2	Accepted	Y	WP; FFS; FS 1&2	Septic system; Close under WAC 247- 272-18501	
100-KR-2	1607-K6	Septic Tank and Drain Field; 124-KW-1	Accepted	Y	WP; FFS; FS 1&2	Septic system; Close under WAC 247- 272-18501	
TOTAL 100-KR-2 SITES:				41			

TOTAL REMAINING SITES UNDER OTHER AUTHORITIES: 123

ADMINISTRATIVE RECORD DOCUMENTATION

WP = Work Plan
LFI = Limited Field Investigation
QRA = Qualitative Risk Assessment
FFS = Focused Feasibility Study
FS 1&2 = 100 Area Feasibility Study, Phases 1 and 2
ROD Strategy = 100 Area Record of Decision Strategy, 2/8/96
WSR-96 = Waste Site Reclassification Documentation, FY96

100 AREA REMAINING SITES RECOMMENDED FOR NO ACTION AND REJECTION - DRAFT 6

April 24, 1997
(table56.xls)

Operable Unit	WDS Site Code	Waste Site Name	WDS Classification	Listed in TPA App. C (Rev. 4) 1992	Existing Administrative Record Documentation	Proposed Disposition	Comments
100-BC-1							
100-BC-1	126-B-4	B Area Brine and Salt Dilution Pits	Accepted	Y	WSR-96; ROD Strategy	No Action	No hazardous or dangerous wastes
100-BC-1	1607-B1	Septic Tank System; 124-B-1	Accepted	Y	WSR-96; WP; LFI; ROD Strategy	Rejected	Clean Septic Tank
100-BC-1	1607-B3	Septic Tank System; 124-B-3	Accepted	Y	WSR-96; WP; LFI; ROD Strategy	Rejected	Clean Septic Tank
TOTAL 100-BC-1 SITES:				3			
100-DR-1							
100-DR-1	126-D-3	D Area Brine and Salt Dilution Pits	Accepted	Y	WSR-96; WP; LFI; ROD Strategy	No Action	No hazardous or dangerous wastes
TOTAL 100-DR-1 SITES:				1			
100-DR-2							
100-DR-2	100-D-14	Unnumbered Septic Tank #2	Accepted	N	WSR-96	Rejected	Clean Septic Tank
100-DR-2	1607-D1	Septic Tank and Drain Field; 124-D-1	Accepted	Y	WSR-96; WP; LFI; QRA; ROD Strategy	Rejected	Clean Septic Tank
TOTAL 100-DR-2 SITES:				2			
100-FR-2							
100-FR-2	100-F-1	100-FR-2 Depression	Accepted	N	WSR-96; FFS; ROD Strategy	Rejected	No hazardous or dangerous wastes
100-FR-2	1607-F1	Septic Tank Drain Field; 124-F-1	Accepted	Y	WSR-96; WP; FFS; ROD Strategy	Rejected	Clean Septic Tank
TOTAL 100-FR-2 SITES:				2			
100-KR-2							
100-KR-2	100-K-7	165-KE Ethylene Glycol Tanks	Accepted	N	WSR-96	No Action	Removed & Clean
100-KR-2	100-K-8	165-KW Ethylene Glycol Tanks	Accepted	N	WSR-96	No Action	Removed & Clean
100-KR-2	100-K-20	183-KW Sodium Silicate Tank Site (West)	Accepted	N	WSR-96	Rejected	No hazardous or dangerous wastes
100-KR-2	100-K-21	183-KW Sodium Silicate Tank Site (East)	Accepted	N	WSR-96	Rejected	No hazardous or dangerous wastes
100-KR-2	100-K-22	183-KE Sodium Silicate Tank Site (West)	Accepted	N	WSR-96	Rejected	No hazardous or dangerous wastes
100-KR-2	100-K-23	183-KE Sodium Silicate Tank Site (East)	Accepted	N	WSR-96	Rejected	No hazardous or dangerous wastes
100-KR-2	100-K-24	183-KW Bauxite Tank	Accepted	N	WSR-96	Rejected	No hazardous or dangerous wastes
100-KR-2	100-K-28	183-KE Bauxite Tank	Accepted	N	WSR-96	Rejected	No hazardous or dangerous wastes
100-KR-2	130-K-1	1717-K Gasoline Storage Tank Site	Accepted	Y	WSR-96; WP; ROD Strategy; FS 1&2	No Action	Removed & Clean
100-KR-2	130-K-3	182-K Emergency Diesel Oil Storage Tank	Accepted	Y	WSR-96; WP; ROD Strategy; FS 1&2	No Action	Removed & Clean
100-KR-2	130-KE-1	105-KE Emergency Diesel Oil Storage Tank	Accepted	Y	WSR-96; WP; ROD Strategy; FS 1&2	No Action	Removed & Clean
100-KR-2	130-KW-1	105-KW Emergency Diesel Oil Storage Tank	Accepted	Y	WSR-96; WP; ROD Strategy; FS 1&2	No Action	Removed & Clean
100-KR-2	1607-K1	Septic Tank and Drain Field; 124-K-1	Accepted	Y	WSR-96; WP; FFS; ROD Strategy; FS 1&2	Rejected	Clean Septic Tank
TOTAL 100-KR-2 SITES:				13			
TOTAL NO ACTION AND REJECTED WASTE SITES:				21			

ADMINISTRATIVE RECORD DOCUMENTATION

WP = Work Plan
 LFI = Limited Field Investigation
 QRA = Qualitative Risk Assessment
 FFS = Focused Feasibility Study
 100 Area FS 1&2 = 100 Area Feasibility Study, Phases 1 and 2
 ROD Strategy = 100 Area Record of Decision Strategy, 2/8/96
 WSR-96 = Waste Site Reclassification Documentation, FY96

**100 AREA REMAINING SITES
KEY FACILITIES AND SITES FOR D D - DRAFT 6**

DRAFT

April 24, 1997
(table36.xls)

Unit	Waste Site Code	Waste Site Name	Classification	Listed in TPA (Rev. 4/77)	Existing Administrative Record Documentation	Site Status	Comments
100-BC-1							
100-BC-1	116-B-7	116-B-7, Outfall Structure	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Coordinate with D&D	Above-ground facility, intact outfall structure
100-BC-1	118-B-8	105-B Reactor Building	Accepted	N	WP; ROD Strategy	Key Facility	Key facility per Section 8 of the TPA
100-BC-1	118-B-9	104-B2 Storage Building	Accepted	N	WP; LFI; ROD Strategy	Listed D&D Project Site	Above-ground facility, intact building
100-BC-1	132-B-2	116-B Reactor Exhaust Stack	Accepted	N	WP	Coordinate with D&D	Above-ground facility, intact reactor exhaust stack
100-BC-1	132-B-6	1904-B2 Outfall Structure Site, 116-B-8	Accepted	Y	WP; LFI; QRA; ROD Strategy	Listed D&D Project Site	Above-ground facility, intact outfall structure
100-BC-1	132-C-2	1904-C Outfall, 116-C-4	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Coordinate with D&D	Above-ground facility, intact outfall structure
TOTAL 100-BC-1 SITES:				6			
100-BC-2							
100-BC-2	118-C-3	105-C Reactor Building	Accepted	N	WP	Key Facility	Key facility per Section 8 of the TPA
100-BC-2	118-C-4	105-C Horizontal Control Rod Storage Cave	Accepted	N	WP; LFI; FFS; ROD Strategy; FS 1&2	Listed D&D Project Site	Above-ground facility, intact
TOTAL 100-BC-2 SITES:				2			
100-DR-1							
100-DR-1	116-D-5	1904-D Outfall Structure	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Listed D&D Project Site	Above-ground facility, intact outfall structure
100-DR-1	116-DR-5	1904-DR Outfall Structure	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Coordinate with D&D	Above-ground facility, intact outfall structure (filled with soil)
100-DR-1	118-D-6	105-D Reactor Building	Accepted	N	WP; QRA	Key Facility	Key facility per Section 8 of the TPA
100-DR-1	132-D-4	116-D Reactor Exhaust Stack	Accepted	N	WP; QRA; ROD Strategy	Listed D&D Project Site	Above-ground facility, intact reactor exhaust stack
TOTAL 100-DR-1 SITES:				4			
100-DR-2							
100-DR-2	118-DR-2	105-DR Reactor Building	Accepted	Y	WP	Key Facility	Key facility per Section 8 of the TPA
100-DR-2	132-DR-2	116-DR Reactor Exhaust Stack	Accepted	Y	WP; ROD Strategy	Coordinate with D&D	Above-ground facility, intact reactor exhaust stack
TOTAL 100-DR-2 SITES:				2			
100-FR-1							
100-FR-1	116-F-8	1904-F Outfall Structure	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Coordinate with D&D	Above-ground facility, intact outfall structure
100-FR-1	116-F-15	108-F Radiation Crib	Accepted	Y		Listed D&D Project Site	Remove with 108-F Building
100-FR-1	116-F-16	PNL Outfall	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Coordinate with D&D	Above-ground facility, intact outfall structure
100-FR-1	118-F-8	105-F Reactor Building	Accepted	N	WP	Key Facility	Key facility per Section 8 of the TPA
100-FR-1	126-F-2	183-F Demolition/Inert Landfill	Accepted	Y	WP; ROD Strategy	Listed D&D Project Site	Used for disposal of inert materials from other D&D projects
TOTAL 100-FR-1 SITES:				5			
100-HR-1							
100-HR-1	100-H-6	Suspect Waste Site: Contaminated Ramp	Discovery	N		Coordinate with D&D	Contaminated below-ground structure within the shadow of the 105-H Reactor Building
100-HR-1	100-H-11	Expansion Box French Drain E	Accepted	N		Coordinate with D&D	Contaminated below-ground structure within the shadow of the 105-H Reactor Building
100-HR-1	100-H-12	Suspect Waste Site: Expansion Box French Drain F and Shielding Lead	Discovery	N		Coordinate with D&D	Contaminated below-ground structure within the shadow of the 105-H Reactor Building
100-HR-1	100-H-13	Suspect Waste Site: French Drain G	Discovery	N	ROD Strategy	Coordinate with D&D	Contaminated below-ground structure within the shadow of the 105-H Reactor Building
100-HR-1	100-H-14	Surface Contamination Zone H	Accepted	N		Coordinate with D&D	Contaminated soil within the shadow of the 105-H Reactor Building
100-HR-1	116-H-5	1904-H Outfall Structure	Accepted	Y	WP; LFI; QRA; ROD Strategy; FS 1&2	Coordinate with D&D	Above-ground facility, intact outfall structure

100 AREA REMAINING SITES KEY FACILITIES AND SITES FOR D D - DRAFT 6

April 24, 1997
(table36.xls)

Operable Unit	WIDE Site Code	Waste Site Name	WIDE Classification	Listed in TPA App. C (Rev.4)?	Existing Administrative Record Documentation	Site Status	Comments
100-HR-1	116-H-9	117-H Crib for drainage of 117-H Filter Building confinement system seal pits	Accepted	Y	WP; LFI; QRA; FFS; FS 1&2; ROD Strategy	Coordinate with D&D	Contaminated below-ground structure; intact
100-HR-1	118-H-6	105-H Reactor Building	Accepted	N	WP	Key Facility	Key facility per Section 8 of the TPA
TOTAL 100-HR-1 SITES:				8			
100-HR-2							
100-HR-2	100-H-1	105-H Rod Cave	Accepted	Y	ROD Strategy	Coordinate with D&D	Above-ground facility; intact
TOTAL 100-HR-2 SITES:				1			
100-KR-1							
100-KR-1	116-K-3	1904-K Outfall Structure; 1908-K Outfall Structure	Accepted	Y	WP	Coordinate with D&D	Above-ground facility; intact outfall structure
TOTAL 100-KR-1 SITES:				1			
100-KR-2							
100-KR-2	100-K-3	1708-KE Fish Pond Valve Pit and Heat Exchanger Pit	Accepted	N	ROD Strategy	Coordinate with D&D	Suspected soil contamination beneath an intact facility
100-KR-2	100-K-4	706-KE Wet Fish Studies Laboratory, Fish Pond, Aquatic Life Tanks/Biology Troughs	Accepted	N	ROD Strategy	Coordinate with D&D	Suspected soil contamination beneath an intact facility
100-KR-2	100-K-5	1705-KE French Drain	Accepted	N	FFS; ROD Strategy	Coordinate with D&D	Suspected soil contamination beneath an intact facility
100-KR-2	100-K-6	105-KE Vacuum Pit, Cyclone Separator	Accepted	N	ROD Strategy	Listed D&D Project Site	Contaminated below-ground structure; intact
100-KR-2	116-KE-5	150-KE Heat Recovery Station	Accepted	N	WP; FFS; ROD Strategy	Listed D&D Project Site	Above-ground facility; intact
100-KR-2	116-KW-4	150-KW Heat Recovery Station	Accepted	N	WP; FFS; ROD Strategy	Listed D&D Project Site	Above-ground facility; intact
100-KR-2	118-KE-1	105-KE Reactor Building	Accepted	N	WP	Key Facility	Key facility per Section 8 of the TPA
100-KR-2	118-KE-2	105-KE Horizontal Control Rod Storage Cave	Accepted	N	WP; ROD Strategy; FS 1&2	Coordinate with D&D	Above-ground facility; intact
100-KR-2	118-KW-1	105-KW Reactor Building	Accepted	N		Key Facility	Key facility per Section 8 of the TPA
100-KR-2	118-KW-2	105-KW Horizontal Control Rod Storage Cave	Accepted	N	WP; ROD Strategy; FS 1&2	Coordinate with D&D	Above-ground facility; intact
100-KR-2	126-KE-2	183-KE Liquid Alum Storage Tank #2	Accepted	N	WP; ROD Strategy; FS 1&2	Coordinate with D&D	Above-ground facility; intact
100-KR-2	132-KE-1	116-KE Reactor Exhaust Stack	Accepted	N	WP; ROD Strategy	Coordinate with D&D	Above-ground facility; intact reactor exhaust stack
100-KR-2	132-KW-1	116-KW Reactor Exhaust Stack	Accepted	N	WP; ROD Strategy	Coordinate with D&D	Above-ground facility; intact reactor exhaust stack
100-KR-2	UPR-100-K-1	100-KE Fuel Storage Basin leak (UN 100-K-1)	Accepted	Y		Coordinate with D&D	Known soil contamination beneath the 105-KE Fuel Storage Basin
TOTAL 100-KR-2 SITES:				14			

TOTAL REMAINING SITES WHICH ARE KEY FACILITIES OR CONSIDERED FOR D&D:	43
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ADMINISTRATIVE RECORD DOCUMENTATION
 WP = Work Plan
 LFI = Limited Field Investigation
 QRA = Qualitative Risk Assessment
 FFS = Focused Feasibility Study
 FS 1&2 = 100 Area Feasibility Study, Phases 1 and 2
 ROD Strategy = 100 Area Record of Decision Strategy, 2/8/96
 WSR-96 = Waste Site Reclassification Documentation, FY96

100 AREA REMAINING SITES - BURIAL GROUND SITES - DRAFT 6

DRAFT

April 24, 1997
(table46.xls)

Operable Unit	WIS Site Code	Waste Site Name	WIS Classification	Listed in TPA App. C (Rev.4)?	Existing Administrative Record Documentation	Disposition Proposed in Burial Ground Study	Comments
100-BC-1							
100-BC-1	118-B-5	Ball 3X Burial Ground	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Access Control	Burial Grounds Task Team
100-BC-1	118-B-7	111-B Solid Waste Burial Site	Accepted	Y	WP; LFI; QRA; FFS	Access Control	Burial Grounds Task Team
100-BC-1	118-B-10	115-B/C Caisson Site	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	Access Control	Burial Grounds Task Team
TOTAL 100-BC-1 SITES:				3			
100-BC-2							
100-BC-2	118-B-1	105-B Burial Ground	Accepted	Y	WP; LFI; FFS; ROD Strategy	RCRA Barrier	Burial Grounds Task Team
100-BC-2	118-B-2	Construction Burial Ground No. 1	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Remove-Treat-Dispose	Burial Grounds Task Team
100-BC-2	118-B-3	Construction Burial Ground No. 2	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Access Control	Burial Grounds Task Team
100-BC-2	118-B-4	105-B Spacer Burial Ground; 105-B Dummy Burial Ground	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Access Control	Burial Grounds Task Team
100-BC-2	118-B-6	108-B Solid Waste Burial Ground	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Access Control	Burial Grounds Task Team
100-BC-2	118-C-1	105-C Burial Ground; 105-C Solid Waste Burial Ground	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	RCRA Barrier	Burial Grounds Task Team
100-BC-2	118-C-2	105-C Ball 3X Storage Tank	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Remove-Treat-Dispose	Burial Grounds Task Team
100-BC-2	600-33	105-C Reactor Test Loop Burial Site	Accepted	N	ROD Strategy	Access Control	Burial Grounds Task Team
TOTAL 100-BC-2 SITES:				8			
100-DR-1							
100-DR-1	100-D-5	Undocumented waste site near 103-D	Accepted	Y	ROD Strategy	Access Control	Burial Grounds Task Team
100-DR-1	100-D-6	Burial Ground 4D (118-D-4D); Buried VSR Thimble Site	Accepted	N	LFI; FFS	Access Control	Burial Grounds Task Team
100-DR-1	100-D-32	Minor Construction Burial Ground #6	Discovery	N	LFI; FFS	Access Control	Burial Grounds Task Team
100-DR-1	100-D-33	Minor Construction Burial Ground #4	Discovery	N	LFI; FFS	Access Control	Burial Grounds Task Team
100-DR-1	100-D-35	Minor Construction Burial Ground #1	Discovery	N	LFI; FFS	Access Control	Burial Grounds Task Team
100-DR-1	100-D-41	Burial Ground 18 (118-D-18); Minor Construction Burial Ground #5	Discovery	N	WP; LFI; QRA; FFS	Access Control	Burial Grounds Task Team
100-DR-1	100-D-43	Burial Ground 4C (118-D-4C); Buried VSR Thimble Site	Accepted	N	LFI	Access Control	Burial Grounds Task Team
100-DR-1	100-D-45	Burial Ground 4B (118-D-4B); Buried VSR Thimble Site	Accepted	N	WP; LFI; QRA; FFS	Access Control	Burial Grounds Task Team
100-DR-1	100-D-46	Burial Ground 4A (118-D-4A)	Accepted	N	WP; LFI; QRA; FFS	Access Control	Burial Grounds Task Team
100-DR-1	126-D-2	184-D Coal Pit/Burial Ground	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy; FS 1&2	No Action	Burial Grounds Task Team
TOTAL 100-DR-1 SITES:				10			
100-DR-2							
100-DR-2	100-D-47	Construction Burial Ground 4E (118-D-4E)	Accepted	N	FFS	Access Control	Included in the Volume of Burial Ground 118-D-4
100-DR-2	118-D-1	100-D Burial Ground No. 1	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Access Control	Burial Grounds Task Team
100-DR-2	118-D-2	100-D Burial Ground No. 2	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	RCRA Barrier	Burial Grounds Task Team
100-DR-2	118-D-3	100-D Burial Ground No. 3	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	RCRA Barrier	Burial Grounds Task Team
100-DR-2	118-D-4	Construction Burial Ground	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Access Control	Burial Grounds Task Team
100-DR-2	118-D-5	Ball 3X Burial Ground	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Access Control	Burial Grounds Task Team
100-DR-2	118-DR-1	105-DR Gas Loop Burial Ground	Accepted	Y	WP; LFI; QRA; FFS; ROD Strategy	Access Control	Burial Grounds Task Team
100-DR-2	126-DR-1	190-DR Cleanwell Tank Pit	Accepted	Y	WP; LFI; QRA; ROD Strategy	Access Control	Burial Grounds Task Team
TOTAL 100-DR-2 SITES:				8			
100-FR-2							
100-FR-2	100-F-20	PNL Parallel Pits	Discovery	N	FFS	Remove-Treat-Dispose	Burial Grounds Task Team

100 AREA REMAINING SITES - BURIAL GROUND SITES - DRAFT

DRAFT

April 24, 1997
(table46.xls)

Operable Unit	WDS Site Code	Waste Site Name	WDS Classification	Listed in TPA App. C (Rev.4/7)	Existing Administrative Record Documentation	Disposition Proposed in Burial Ground Study	Comments
100-FR-2	118-F-1	Burial Ground No. 1	Accepted	Y	WP; FFS; ROD Strategy; FS 1&2	RCRA Barrier	Burial Grounds Task Team
100-FR-2	118-F-2	Burial Ground No. 2	Accepted	Y	WP; FFS; ROD Strategy	Access Control	Burial Grounds Task Team
100-FR-2	118-F-3	Burial Ground No. 3	Accepted	Y	WP; FFS; ROD Strategy	Access Control	Burial Grounds Task Team
100-FR-2	118-F-5	PNL Sawdust Pit	Accepted	Y	WP; FFS; ROD Strategy; FS 1&2	Remove-Treat-Dispose	Burial Grounds Task Team
100-FR-2	118-F-6	PNL Solid Waste Burial Ground	Accepted	Y	WP; FFS; ROD Strategy; FS 1&2	RCRA Barrier	Burial Grounds Task Team
100-FR-2	118-F-7	100-F Miscellaneous Hardware Storage Vault	Accepted	Y		Access Control	Burial Grounds Task Team
100-FR-2	118-F-9	PNL Red Site	Accepted	Y	FFS; ROD Strategy	RCRA Barrier	Burial Grounds Task Team
TOTAL 100-FR-2 SITES:				8			
100-HR-2							
100-HR-2	100-H-2	Thimble Guide Pipe Burial Pit	Accepted	Y	ROD Strategy	Remove-Treat-Dispose	"Proximity Site" in September 1995 ROD Remedial Actions
100-HR-2	118-H-1	100-H Burial Ground No. 1	Accepted	Y	WP; LFI; FFS; ROD Strategy	RCRA Barrier	Burial Grounds Task Team
100-HR-2	118-H-2	100-H Burial Ground No. 2; H-1 Test Loop Burial Ground	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Access Control	Burial Grounds Task Team
100-HR-2	118-H-3	Construction Burial Ground	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Access Control	Burial Grounds Task Team
100-HR-2	118-H-4	Bell 3X Burial Ground	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Access Control	Burial Grounds Task Team
100-HR-2	118-H-5	105-H Thimble Pit	Accepted	Y	WP; LFI; FFS; ROD Strategy; FS 1&2	Remove-Treat-Dispose	Burial Grounds Task Team
TOTAL 100-HR-2 SITES:				6			
100-KR-2							
100-KR-2	118-K-1	100-K Burial Ground (118-K)	Accepted	Y	WP; FFS; ROD Strategy; FS 1&2	RCRA Barrier	Burial Grounds Task Team
100-KR-2	118-K-2	Sludge Burial Ground	Accepted	N	FFS	Remove-Treat-Dispose	Burial Grounds Task Team
TOTAL 100-KR-2 SITES:				2			
TOTAL 100 AREA BURIAL GROUND SITES:				46			

ADMINISTRATIVE RECORD DOCUMENTATION
 WP = Work Plan
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 ROD Strategy = 100 Area Record of Decision Strategy, 2/8/96
 WSR-96 = Waste Site Reclassification Documentation, FY96

**PRELIMINARY 100-IU-2 AND 100-IU-6 WASTE SITES
DISPOSITION TABLES**

DRAFT

Preliminary 100-IU-2 and 100-IU-6 Waste Sites Disposition Tables

Attached are the following 100-IU-2 and 100-IU-6 Waste Sites Tables, Draft 2, for:

- Sites for Remedial Action (3 pages) 70 sites
- Sites Recommended for Rejection (1 page) 21 sites

Total: 91 sites

100-IU-2 and 100-IU-6 WASTE SITES FOR REMEDIAL ACTION - DRAFT 2 -

March 19, 1997
(table5ra.xls)

Operable Unit	WIDS Site Code	Waste Site Name	WIDS Classification	Listed in TPA App. C (Rev.4)?	Existing Administrative Record Documentation	Proposed Action	Comments
100-IU-2							
100-IU-2	600-5	Waste Oil Dump; Asphalt Heliport	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible soil contamination from oil
100-IU-2	600-52	White Bluffs Surface Basin	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Received waste water from ice house and Pickling Acid Crib.
100-IU-2	600-98	East White Bluffs City Landfill (EWBCL)	Accepted	Y	Focus Package Scoping Category 5	Confirmatory Sampling	Pre-Hanford Landfill
100-IU-2	600-99	J. A. Jones #2	Accepted	Y	Focus Package Scoping Category 4	Confirmatory Sampling	Insufficient data
100-IU-2	600-100	White Bluffs Landfill (WBL)	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Pre-Hanford Landfill
100-IU-2	600-119	White Bluffs City Dump	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Pre-Hanford Landfill
100-IU-2	600-120	Spare Parts Burn Pit	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible contamination from oils and solvents
100-IU-2	600-121	Coal Ash Piles	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Coal Ash
100-IU-2	600-124	Burn Site and Paint Disposal Area	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible lead contamination from paint
100-IU-2	600-125	Waste Disposal Trench 1	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Pre-Hanford Landfill
100-IU-2	600-127	Fuel Storage Area	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Petroleum product contamination
100-IU-2	600-128	Oil and Oil Filter Dump Site	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Probable oil contamination
100-IU-2	600-129	White Bluffs Community Dump Site (Pre-Hanford)	Accepted	Y	Focus Package Scoping Category 4	Confirmatory Sampling	Possible oil products contamination
100-IU-2	600-131	Special Fabrication Shop and Warehouse	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible oil and other chemical contamination
100-IU-2	600-132	Construction Contractor Shop Landfill	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Potential for radioactive waste, oils, and solvents
100-IU-2	600-135	Spare Parts Machine Shop Landfill	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Insufficient data
100-IU-2	600-138	Fumigation Building	Discovery	N	Focus Package Scoping Category 5	Confirmatory Sampling	No spills or hazardous materials known.
100-IU-2	600-139	Automotive Repair Shop	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Probable lead and oil products contamination
100-IU-2	600-172	White Bluffs French Drain or Dry Well	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Steam condensate drain
100-IU-2	600-173	White Bluffs Domestic Debris Dump and Building Foundation	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Domestic debris
100-IU-2	600-174	White Bluffs French Drain	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Steam condensate drain
100-IU-2	600-175	Original Priest Rapids Ice House Drain Field	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Received waste water from ice house.
100-IU-2	600-176	White Bluffs Paint Disposal Area	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible lead contamination from paint
100-IU-2	600-177	White Bluffs Pipe Bender and Equipment Dumping Area	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Probable oil contamination
100-IU-2	600-179	Priest Rapids Ice House	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Site contains buried demolition debris.
100-IU-2	600-180	White Bluffs Suspect Automotive Repair Shop	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Miscellaneous debris
100-IU-2	600-181	White Bluffs Oil Dump	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Oil contamination
100-IU-2	600-182	White Bluffs Asbestos Pipe Lagging and Excess Piping	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible asbestos contamination
100-IU-2	600-183	White Bluffs Burn Pile and Debris	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Identify 5 gallon drum materials
100-IU-2	600-184	White Bluffs Townsite Septic System	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Nonresidential septic system
100-IU-2	600-188	White Bluffs Waste Disposal Trench 2	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Bulding drums and chemical or oil dumping

100-IU-2 and 100-IU-6 WASTE SITES FOR REMEDIAL ACTION - DRAFT 2 -

March 19, 1997
(table5ra.xls)

Operable Unit	WIDS Site Code	Waste Site Name	WIDS Classification	Listed in TPA App. C (Rev.4)?	Existing Administrative Record Documentation	Proposed Action	Comments
100-IU-2	600-189	White Bluffs Warehouse Facility French Drains	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible oil and paint contamination
100-IU-2	600-190	White Bluffs Warehouse Tar / Paint Disposal Area	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible oil and paint contamination
100-IU-2	600-191	White Bluffs Pre-MED Community Dump Site 2	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Oil products contamination
100-IU-2	600-193	White Bluffs Gas Station	Discovery	N	Focus Package Scoping Category 5	Confirmatory Sampling	No spills or hazardous materials known.
100-IU-2	600-194	White Bluffs Main Pipe Fabrication Shop	Discovery	N	Focus Package Scoping Category 5	Confirmatory Sampling	No spills or hazardous materials known.
100-IU-2	600-195	White Bluffs Townsite Electrical Substation	Discovery	N	Focus Package Scoping Category 5	Confirmatory Sampling	No spills or hazardous materials known.
100-IU-2	600-196	White Bluffs Farm Dump Site and Partially Backfilled Pit	Discovery	N	Focus Package Scoping Category 5	Confirmatory Sampling	Pre-Hanford Landfill
100-IU-2	600-199	White Bluffs Ash Covered Concrete Pad	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Building foundation and coal ash
100-IU-2	600-200	Priest Rapids Ice House Septic Tank	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Nonresidential septic system
100-IU-2	600-201	White Bluffs Paint and Solid Waste Disposal Site	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible lead contamination from paint
100-IU-2	600-203	White Bluffs French Drains	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Insufficient data
100-IU-2	600-209	White Bluffs Excess Railroad Tie Materials	Discovery	N	Focus Package Scoping Category 5	Confirmatory Sampling	Pre-Hanford Landfill
100-IU-2	628-1	White Bluffs Burn Pit	Accepted	Y	Focus Package Scoping Category 4	Confirmatory Sampling	Possible hazardous materials
TOTAL 100-IU-2 SITES:				44			
100-IU-6							
100-IU-6	600-3	Hanford Townsite Dumping Area and Paint Pit	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible soil contamination from paint cans
100-IU-6	600-20	Tank Cleaning Site	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible fuel contamination
100-IU-6	600-24	West P-11, Anti-Aircraft Artillery Compound	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Surface debris and building foundations
100-IU-6	600-26	Hanford Townsite Burn Pile	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Nonhazardous and nonradioactive
100-IU-6	600-27	Abandoned monitoring well; Well DC-6 / Well 699-50-18C	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Volatile organics in one monitoring well
100-IU-6	600-50	Hanford construction camp coal yard (101 Building)	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Coal Ash
100-IU-6	600-107	Cribs at 213-J&K Gable Mtn. Plutonium Storage Vaults	Accepted	Y	WSR-96; Focus Package Scoping Category 2	Confirmatory Sampling	Cribs were surveyed and removed. Documentation is not available.
100-IU-6	600-108	213-J & K Gable Mountain Plutonium Storage Vaults	Accepted	Y	Focus Package Scoping Category 5	Confirmatory Sampling	Surveyed and released. Documentation is not available.
100-IU-6	600-109	Hanford Trailer Camp Landfill (HTCL)	Accepted	Y	Focus Package Scoping Category 5	Confirmatory Sampling	Hanford townsite landfill. No hazardous materials known.
100-IU-6	600-110	Hanford Townsite Landfill (HTL)	Accepted	Y	Focus Package Scoping Category 5	Confirmatory Sampling	Hanford townsite landfill. No hazardous materials known.
100-IU-6	600-111	P-11 Critical Mass Laboratory	Accepted	Y	Focus Package Scoping Category 4	Confirmatory Sampling	Possible remaining septic tanks and drain field
100-IU-6	600-149	Small Arms Range	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Lead contamination and unexploded ordnance
100-IU-6	600-178	213-J and 213-K Guard House Toilet Pit	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Nonresidential septic system
100-IU-6	600-185	Hanford Construction Camp Honey Dump Site	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Nonresidential septic system
100-IU-6	600-186	Hanford Construction Camp Septic Tanks and Sewage	Discovery	N	Focus Package Scoping Category 5	Confirmatory Sampling	Nonresidential septic system
100-IU-6	600-192	Hanford Construction Camp Fumigation Chamber	Discovery	N	Focus Package Scoping Category 5	Confirmatory Sampling	Building and foundation removed. No hazardous materials known.

**100-IU-2 and 100-IU-6 WASTE SITES FOR REMEDIAL ACTION
- DRAFT 2 -**

DRAFT

March 19, 1997
(table5ra.xls)

Operable Unit	WIDS Site Code	Waste Site Name	WIDS Classification	Listed in TPA App. C (Rev.4)?	Existing Administrative Record Documentation	Proposed Action	Comments
100-IU-6	600-202	Four Burn and Burial Pits at Hanford Townsite	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible chemical and oil contamination
100-IU-6	600-204	Hanford Townsite Burn and Burial Trench	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Possible chemical and oil contamination
100-IU-6	600-205	Hanford Townsite Landfill 2	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Hanford townsite landfill. No hazardous materials known.
100-IU-6	600-206	101 Building Graphite Dump Site	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Trash dump. No hazardous materials known.
100-IU-6	600-207	Hanford Construction Camp Powerhouse Ash Pile	Accepted	N	Focus Package Scoping Category 4	Confirmatory Sampling	Coal Ash
100-IU-6	600-208	Hanford Construction Camp Boiler House Ponds	Accepted	N	Focus Package Scoping Category 5	Confirmatory Sampling	Boiler house waste water ponds. No hazardous materials known.
100-IU-6	600-213	Hanford Airport Underground Fuel Storage Tanks	Discovery	N	N/A	Confirmatory Sampling	Tanks were not observed
100-IU-6	UPR-600-16	Fire and contamination spread; UN-600-16	Accepted	Y	Focus Package Scoping Category 4	Confirmatory Sampling	Removed from radiation zone status.
100-IU-6	UPR-600-18	Tank Truck Gasoline Spill; UN-600-18	Accepted	Y	Focus Package Scoping Category 2	Confirmatory Sampling	Cleanup of 1987 spill was not documented. Site cannot be located.
100-IU-6	UPR-600-19	Lime Sulfur Barrel; UN-600-19	Accepted	Y	Focus Package Scoping Category 5	Confirmatory Sampling	Barrel rotted spilling lime sulfur on the ground.
TOTAL 100-IU-6 SITES:				26			

TOTAL 100-IU-2/6 SITES FOR REMEDIAL ACTION:	70
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ADMINISTRATIVE RECORD DOCUMENTATION

Focus Package = "Approach and Plan for Cleanup Actions in the 100-IU-2 and 100-IU-6 Operable Units of the Hanford Site," DOE/RL-95-108
 LFI = Limited Field Investigation
 QRA = Qualitative Risk Assessment
 FFS = Focused Feasibility Study
 100 Area FS 1&2 = 100 Area Feasibility Study, Phases 1 and 2
 WSR-96 = Waste Site Reclassification Documentation, FY96
 ROD Strategy = 100 Area Record of Decision Strategy, 2/8/96

PROPOSED DISPOSITIONS DOCUMENTATION

Rejected = Scoping Category 1 from Section 4 and Appendix A of the Focus Package
 No Action = Scoping Category 2 from Section 4 and Tables 1 & 2 of the Focus Package
 Action = Scoping Category 3 from Section 4 and Tables 1 & 2 of the Focus Package
 Possible No Action = Scoping Category 4 from Section 4 and Tables 1 & 2 of the Focus Package
 Confirmatory Sampling = Scoping Category 5 from Section 4 and Tables 1 & 2 of the Focus Package

100-IU-2 and 100-IU-6 REJECTED WASTE SITES - DRAFT 2

DRAFT

March 19, 1997
(table5r.xls)

Operable Unit	WIDE Site Code	Waste Site Name	WIDE Classification	Listed in TPA App: C (Rev. 4)?	Existing Administrative Record Documentation	Proposed Disposition	Comments
100-IU-2							
100-IU-2	600-122	White Bluffs Large Fenced Depression	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-123	Farm Site	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-128	Small Subsidence	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-130	American Pipe Company Facilities	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-138	Insulation Warehouses	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-157	White Bluffs Concrete Foundation Pads	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-158	White Bluffs Ground Storage Tank and Booster Station	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-159	White Bluffs Bank Well	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-180	White Bluffs Irrigation Debris	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-181	White Bluffs Plumbing Debris	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-182	White Bluffs Pipe Debris/Bucket of Lead	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-183	White Bluffs Pipe Testing Shop	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-184	White Bluffs Earth Berm and Trench	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-185	White Bluffs Valve Box/Subsidence	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-186	White Bluffs Subsidence	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-187	White Bluffs Cistern	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-170	White Bluffs Subsurface Concrete Structure	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-171	White Bluffs Townsite	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-2	600-198	White Bluffs River Bank Concrete Structure	Discovery	N			Proposed for rejection
TOTAL 100-IU-2 SITES:				19			
100-IU-6							
100-IU-6	600-168	Hanford Construction Camp Trenches	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
100-IU-6	600-169	Buckholdt Ranch Toilet Pits, Merriford Ranch Toilet Pits	Rejected	N	Focus Package Scoping Category 1	Rejected	From Appendix A of the Focus Package
TOTAL 100-IU-6 SITES:				2			
TOTAL 100-IU-2/6 REJECTED SITES:				21			

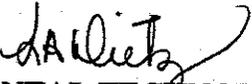
ADMINISTRATIVE RECORD DOCUMENTATION

- Focus Package = Approach and Plan for Cleanup Actions
- LFI = Limited Field Investigation
- QRA = Qualitative Risk Assessment
- FFS = Focused Feasibility Study
- 100 Area FS 1&2 = 100 Area Feasibility Study, Phases 1 and 2
- WSR-96 = Waste Site Reclassification Documentation, FY96
- ROD Strategy = 100 Area Record of Decision Strategy, 2/8/96

PROPOSED DISPOSITIONS DOCUMENTATION

- Rejected = Scoping Category 1 from Section 4 and Appendix A of the Focus Package
- No Action = Scoping Category 2 from Section 4 and Tables 1 & 2 of the Focus Package
- Action = Scoping Category 3 from Section 4 and Tables 1 & 2 of the Focus Package
- Possible No Action = Scoping Category 4 from Section 4 and Tables 1 & 2 of the Focus Package
- Confirmatory Sampling = Scoping Category 5 from Section 4 and Tables 1 & 2 of the Focus Package

FROM THE DESK OF:

L. A. DIETZ 
ENVIRONMENTAL TECHNOLOGIES
372-9378/H0-20

TO: G. O. Gesell H0-17

DATE: August 14, 1997

SUBJECT: REJECTED WASTE SITES FOR 100-FR-1, 100-FR-2, 100-HR-1, AND 100-HR-2

This memo is to request that the attached WIDS General Summary Reports, Discovery Site Evaluation Checklists and Waste Site Reclassification Forms be included with the Unit Manager's Meeting Minutes. The attached documents have been prepared in accordance with the Maintenance of the Waste Information Data System (WIDS), Tri-Party Agreement Handbook Management Guidelines, Document Number RL-TPA-90-001, Draft Procedure Number TPA-MG-08 (in preparation).

This information documents the agreements arrived at during two meetings. During the first meeting, held on July 29, 1997, the U. S. Environmental Protection Agency (EPA) and the U. S. Department of Energy (DOE) agreed that 11 waste sites from the 100-F Area will be classified as "Rejected" or reclassified as "Rejected". During the second meeting, held on August 8, 1997, the Washington State Department of Ecology (Ecology) and the U. S. Department of Energy (DOE) agreed that 8 waste sites from the 100-H Area will be classified as "Rejected" or reclassified as "Rejected".

The attachment includes the supporting documentation for eight "Rejected" wastes sites in the 100-FR-1 Operable Unit, two "Rejected" wastes sites in the 100-FR-2 Operable Unit, five "Rejected" sites in 100-HR-1, and three "Rejected" sites in 100-HR-2 Operable Unit.

Part A Permit Application Written:	No	Interim Closure Plan Written:	No
Part B Permit Application Written:	No	Covered under TPA Action Plan:	No
Registered Class V Underground Injection Well:	No	Solid Waste Management Unit:	Yes
		Air/Water Permit Written:	No

TPA Waste Management Unit Type:

Regulatory Authority: CERCLA Past Practice

TSD Number:

References: 1. D. H. DeFord, 07/06/93, 100-F Reactor Site Technical Baseline Report Including Operable Units 100-FR-1 and 100-FR-2, WHC-SD-EN-TI-169 REV 0.

Waste Information:

Type:	Steam Condensate	05/20/97
Category:	Nondangerous/nonradioactive	05/20/97
Physical State:	Liquid	05/20/97

Amount:

Units:

Reported Date:

Start Date:

End Date:

Description: The unit received steam condensate from automatic blowdown valves connected to the boilers. The steam generation system for 1717-F was a once through system. The condensate would have received some residual salt (sodium chloride) from water softeners. Backflush from the water softeners went to the sanitary sewer system. Review of the drawings shows no indication of any additional chemical treatment during water softening. Steam condensate was not recycled to the boiler system. Drawing H-1-14566, Steam Generating Equipment Installation Piping Diagrams, shows the steam generation equipment including, the boilers, automatic blow down valves, piping to the drywell, and the drywell. 05/20/97

References: 1. Vitro Engineering Co., 6/30/65, STEAM GENERATING EQUIPMENT INSTALLATION PIPING DIAGRAMS, H-1-14566.

Waste Site Reclassification Form

<p><u>Date Submitted:</u> June 30, 1997</p> <p><u>Originator:</u> Clarence E. Corriveau, Jr., MSIN H0-17</p> <p><u>Phone:</u> 509-372-9565</p>	<p><u>Operable Unit(s):</u> 100-FR-1</p> <p><u>Waste Site ID:</u> 100-F-5, 1717-F Building Drywell</p> <p><u>Type of Reclassification Action:</u></p> <p style="text-align: center;"> Rejected <input checked="" type="checkbox"/> Closed Out <input type="checkbox"/> No Action <input type="checkbox"/> </p>	<p><u>Control Number:</u> 97-001</p>
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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:

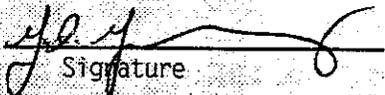
(Summarize status of investigation/remediation of the waste sites.)

The site was a 1.2 meter (48 inch) diameter French drain (drywell). The drywell was constructed per Hanford Standard AC-5-3 and was surrounded by a steel post and chain barrier. The purpose of the site was to receive boiler steam condensate from blowdown valves in a 10 centimeter (4 inch) diameter steam pipeline. The pipeline carried steam from the 1717-F Building (Combined Shops) to other buildings and facilities for process and comfort heating. The site cannot be found and is believed to have been removed during D&D of the 1717-F Building in 1976.

Basis for reclassification:

(For closeout, reference supporting documentation, as listed in Table 2-3.)

Steam condensate is nondangerous and nonradioactive. The steam generation system at the 1717-F Building was a once-through system and condensate was not recycled. Review of Drawing H-1-14566 shows no indication of any additional chemical treatment during water softening.

G.F. Goldberg DOE Project Manager	 Signature	7/29/97 Date
F Ecology Project Manager	Signature	Date
Pamela S. Innis EPA Project Manager	 Signature	7/29/97 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.)

Discovery Site ID Number: 1676

Site Alias(es): 100-F-5, 1717-F Building Drywell

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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
<input checked="" type="radio"/>	<input type="radio"/>

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 residential 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:

HA Allety
ERC Data Management Investigator

5/20/97
Date

J. Zanic
Regulatory Compliance Concurrence

5/20/97
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.)

Discovery Site ID Number: 1676

Site Alias(es): 100-F-5, 1717-F Building Drywell

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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
<input checked="" type="radio"/>	<input type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments:

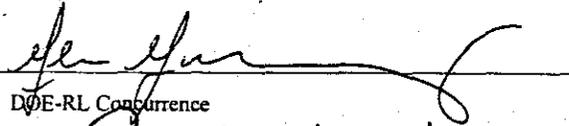
ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

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


DOE-RL Concurrence

7/29/97
Date


Pamela S. Annis
Lead Regulatory Agency Concurrence

7/29/97
Date

2. D. B. Blumenkranz, 8/2/94, WIDS Site Addition: 100-F-6 (#94-103).

Waste Information:

Type: Oil 08/18/95

Category: Hazardous/Dangerous 08/30/95

Physical State: Liquid 08/30/95

Amount:

Units:

Reported Date:

Start Date:

End Date:

Description:

References: 1. D. H. DeFord, 07/06/93, 100-F Reactor Site Technical Baseline Report Including Operable Units 100-FR-1 and 100-FR-2, WHC-SD-EN-TI-169 REV 0.

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: 1677

Site Alias(es): 100-F-6, 1716 FA Fuel Tank and Pump

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p> <p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: Tanks are not evident and were probably above-ground that were removed after completion of construction. There is no data or other evidence indicating that a release occurred.

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

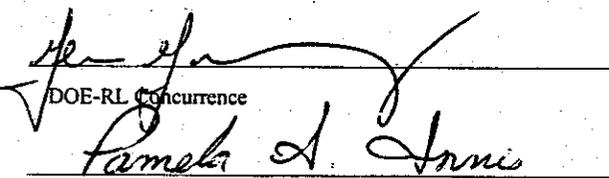
FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date


Pamela A. Inni

7/29/97
7/29/97

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.)

Discovery Site ID Number: 1677

Site Alias(es): 100-F-6, 1716 FA Fuel Tank and Pump

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 residential 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.

<p>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.)</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>	
<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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)</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

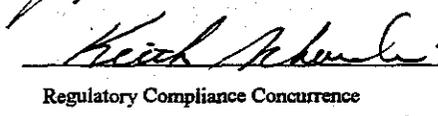
Comments: Tanks are not evident and were probably above-ground that were removed after completion of construction. There is no data or other evidence indicating that a release occurred.



 ERC Data Management Investigator

1/8/97

 Date



 Regulatory Compliance Concurrence

1/8/97

 Date

Physical State: Liquid

09/07/95

Amount:

Units:

Reported Date:

Start Date:

End Date:

Description:

References:

1. D. H. DeFord, 07/06/93, 100-F Reactor Site Technical Baseline Report Including Operable Units 100-FR-1 and 100-FR-2, WHC-SD-EN-TI-169 REV 0.

Waste Site Reclassification Form

<p><u>Date Submitted:</u> June 30, 1997</p> <p><u>Originator:</u> Clarence E. Corriveau, Jr., MSIN H0-17</p> <p><u>Phone:</u> 509-372-9565</p>	<p><u>Operable Unit(s):</u> 100-FR-1</p> <p><u>Waste Site ID:</u> 100-F-8, French Drains Near 105-F Gate</p> <p><u>Type of Reclassification Action:</u></p> <p style="text-align: center;"> Rejected <input checked="" type="checkbox"/> Closed Out <input type="checkbox"/> No Action <input type="checkbox"/> </p>	<p><u>Control Number:</u> 97-002</p>
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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:

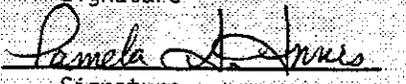
(Summarize status of investigation/remediation of the waste sites.)

The site is near the main (north) entrance gate to the 105-F Reactor Building security fence. Two French drains were constructed of 0.9 meter (36 inch) diameter concrete pipe of unknown length buried to a depth which places their upper surfaces a few centimeters above grade. Both drains are of the type frequently used to receive steam condensate from above-ground steam lines. The first drain is 23 meters (75 feet) south of the gate and the second is in line with the first and about 11 meters (36 feet) farther south.

Basis for reclassification:

(For closeout, reference supporting documentation, as listed in Table 2-3.)

Steam condensate is nondangerous and nonradioactive.

<p><u>G.I. Goldberg</u> DOE Project Manager</p>	 Signature	<p><u>7/29/97</u> Date</p>
<p>Ecology Project Manager</p>	<p>Signature</p>	<p>Date</p>
<p><u>Pamela S. Louis</u> EPA Project Manager</p>	 Signature	<p><u>7/29/97</u> Date</p>

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: 1679
Site Alias(es): 100-F-8, French Drains Near 105-F Gate

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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
<input checked="" type="radio"/>	<input type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p> <p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments:

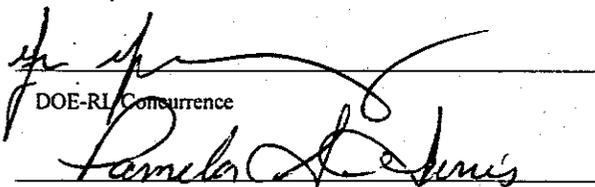
ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

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


 DOE-RL Concurrence
 Pamela A. Jones
 Lead Regulatory Agency Concurrence

7/29/97
 Date

7/29/97
 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.)

Discovery Site ID Number: 1679

Site Alias(es): 100-F-8, French Drains Near 105-F Gate

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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
<input checked="" type="radio"/>	<input type="radio"/>

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 residential 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

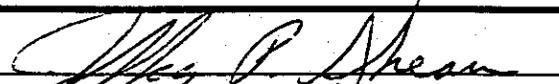
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?

YES NO

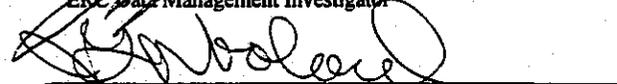
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)

YES NO

Comments:


Eric P. Shean
ERC Data Management Investigator

5/19/97
Date


Regulatory Compliance Concurrence

5/20/97
Date

Diameter:	Meters	Feet
Sq. Area:	sqMeters	sqFeet
Est. Volume:	cuMeters	cuFeet
Capacity:	Liters	Gallons
Site Shape:		

References: 1. M. S. Gerber, 09/93, Manhattan Project Buildings and Facilities at the Hanford Site: a Construction History, WHC-MR-0425.

Regulatory Information:

Part A Permit Application Written:	No	09/27/95	Interim Closure Plan Written:	No	09/27/95
Part B Permit Application Written:	No	09/27/95	Covered under TPA Action Plan:	No	09/27/95
Registered Class V Underground Injection Well:	No	09/27/95	Solid Waste Management Unit:	No	09/27/95
			Air/Water Permit Written:	No	09/27/95

TPA Waste Management Unit Type:

Regulatory Authority:

TSD Number:

References:

Waste Information:

Type: Asbestos (friable) 09/27/95

Category: Mixed 09/27/95

Physical State: Solid

Amount:

Units:

Reported Date:

Start Date:

End Date:

Description:

References: 1. TF Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

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: 1849

Site Alias(es): 100-F-17, 108-F Chemical Pump House, Chemical Storage Tanks at 108-F, Chemicals Used at 108-F Building

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 residential 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.

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES NO <input type="radio"/> <input checked="" type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>	
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 <input type="radio"/> n <input checked="" type="radio"/> 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 <input type="radio"/> <input checked="" type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES NO <input type="radio"/> <input checked="" type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES NO <input type="radio"/> <input checked="" type="radio"/>
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 <input type="radio"/> <input checked="" type="radio"/>

Comments: Tanks have been removed.

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

[Signature]

DOE-RL Concurrence

7/29/97

Date

[Signature]

Lead Regulatory Agency Concurrence

7/29/97

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.)

Discovery Site ID Number: 1849

Site Alias(es): 100-F-17, Chemicals Used at 108-F Building, Chemical Storage Tanks at 108-F

Waste Management Unit	Not a Waste Management Unit	More information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 1/0
~~1/0~~
AT

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

2.b. Is the waste from historical residential 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: Tanks have been removed.

J.A. Hleedy

ERC Data Management Investigator

12/10/96

Date

Kevin McManis

Regulatory Compliance Concurrence

12/10/96

Date

Environmental Sites Database

General Summary Report

29-Jul-97

Site Code: 100-F-21 Site Classification: Rejected Page 1

Site Names: 100-F-21, Grounds Surrounding Deactivated Areas, Exclusion Area

Site Desc: The grounds within the 100-F exclusion area that are not part of other waste sites.

06/19/96

Assoc Struct:

Site Type: Unplanned Release

02/27/96

Start Date:

Status: Inactive

02/27/96

End Date:

Programmatic Responsibility:

Coordinates:

Operable Unit: 100-FR-1

02/27/96

(E) 0

Hanford Area: 100F

02/27/96

(N) 0

Site Accessible: No

Washington State Plane

Access Req:

Site Hazards:

Location Desc:

Env. Mon Desc: The RARA (Radiation Area Remedial Action) program is responsible for surveillance and maintenance activities. The exclusion areas are to be kept free from radiological contamination and vegetation.

06/19/96

Release Desc:

Release Potential Desc:

Process Desc:

Cleanup Activities:

Site Comment:

References: 1. Johnson, T.F. to K.L. Schardein, 3/28/96, cc:Mail - RARA Grounds Surrounding Deactivated Areas.

Regulatory Information:

Part A Permit Application Written: No

Interim Closure Plan Written: No

Part B Permit Application Written: No

Covered under TPA Action Plan: Unknown

Registered Class V Underground Injection Well: No

Solid Waste Management Unit: No

Air/Water Permit Written: No

TPA Waste Management Unit Type:

Regulatory Authority:

TSD Number:

References:

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: 3740

Site Alias(es): 100-F-21, Grounds Surrounding Deactivated Areas. Exclusion Area

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: This is not a site but rather an area the RARA organization performs routine surveillance and maintenance.

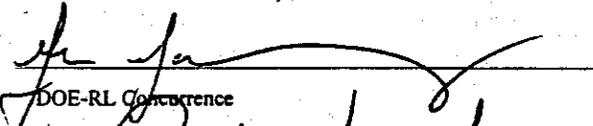
ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

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


DOE-RL Concurrence

7/29/97
Date


Lead Regulatory Agency Concurrence

7/29/97
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.)

Discovery Site ID Number: 3740

Site Alias(es): 100-F-21, Grounds Surrounding Deactivated Areas, Exclusion Area

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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.

<p>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.)</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>	
<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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)</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: This is not a site but rather an area the RARA organization performs routine surveillance and maintenance.

[Signature]
 ERC Data Management Investigator

1/8/97
 Date

[Signature]
 Regulatory Compliance Concurrence

1/8/97
 Date

Physical State:	Liquid	01/06/97
Amount:		
Units:		
Reported Date:		
Start Date:		
End Date:		
Description:	The drywell received stormwater from the roof of the 144-F building.	01/06/97
References:	1. Gray + Osborne Consulting Engineers Seattle & Yakima Washington, 11/18/63, Plot Plan & Plumbing & Details; 144-F, H-1-14123.	

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: 3965

Site Alias(es): 100-F-30, 144-F Drywell

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/></p>	
<p>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 <input type="radio"/> n <input type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>

Comments: Site received runoff from roof drains.

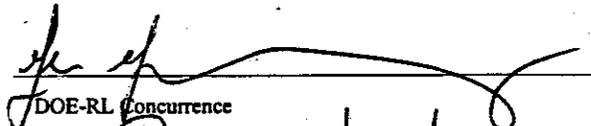
ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

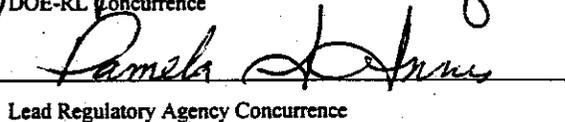
FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001



DOE-RL Concurrence

7/29/97

Date



Lead Regulatory Agency Concurrence

7/29/97

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.)

Discovery Site ID Number: 3965

Site Alias(es): 144-F Drywell

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 residential 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.

<p>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.)</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>	
<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p>	
<p>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)</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>

Comments: Site received runoff from roof drains.

Timothy J. Johnson
ERC Data Management Investigator

1/6/97
Date

Keith Johnson
Regulatory Compliance Concurrence

2/5/97
Date

Environmental Sites Database

General Summary Report

29-Jul-97

Site Code: 100-F-32 Site Classification: Rejected Page 1

Site Names: 100-F-32, 1717-F Underground Fuel Oil Tanks

Site Desc: The site is three underground fuel oil storage tanks. Each tank had a capacity of 94,625 liters (25,000 gallons). Each tank was 10.7 meters (35 feet) long and 2.4 meters (8 feet) in diameter. Pipelines ran to the 1717-F Building (Combined Shops) through a pump pit immediately east of the tanks. 05/20/97

Assoc Struct: The site was related to 1717-F Building. The site is associated with 100-F-5, 1717-F Building Drywell. 05/20/97

Site Type: Storage Tank 05/20/97 **Start Date:**

Status: Inactive 05/20/97 **End Date:**

Programmatic Responsibility: **Coordinates:**

Operable Unit: 100-FR-1 05/20/97 (E) 0

Hanford Area: 100F 05/20/97 (N) 0

Site Accessible: No Washington State Plane

Access Req: **Site Hazards:**

Location Desc: The three tanks are located approximately 33.5 meters (110 feet) west of 1717-F Building. 05/20/97

Env. Mon Desc:

Release Desc:

Release Potential Desc:

Process Desc:

Cleanup Activities:

Site Comment: At the time of the site evaluation and field visit in May 1994, the area appeared disturbed. The presence of the tanks could not be confirmed or denied with a metal detector because of the presence of other underground magnetic anomalies. The tank site was 15.8 meters (52 feet) wide and 16.5 meters (54 feet) long. 05/28/97

The 1717-F Building was used as a combined shop and boiler room. The building and the tank filler pipes are visible on Hanford photograph 91041622-1. Originally, the tank site was surrounded by a steel post and chain barricade. The site had a pump pit and two valve pits for servicing the equipment. According to Hanford Drawing H-1-14562, the finish grade of the barricaded area around the fuel oil tanks, pump pit and unpaved cover was elevation 125.5 meters (412 feet) and the top of the shell of the tanks was at elevation 123.1 meters (404 feet). This would place the tank elevation at 2.4 meters (8 feet) below grade. According to Hanford Drawing H-1-14570, the fuel oil return line is at elevation 125 meters (410 feet) that would place the fuel oil return line at a .61 meters (2 feet) depth.

A decommissioning work procedure (DWP-1717F-1) was written for the final cleanup of the 1717-F facility site in 1988. The facility description in the procedure states that the tanks were offered for transfer or disposal in 1976 (PDR UNI 77-049). According to Paul Griffin, co-author of the procedure, tanks were only offered for transfer or disposal once they had been removed. The procedure also states that on February 22, 1988, the tank site was excavated to 1.5 meters (5 feet) below grade level, 0.9 meters (3 feet) below the tank top design depth to confirm the tanks were no longer in place.

It is unclear why there is an apparent discrepancy in tank depths between drawing H-1-14562 and drawing H-1-14570.

The information in "Dimensions" is for a single tank.

- References:**
1. D. H. DeFord, 07/06/93, 100-F Reactor Site Technical Baseline Report Including Operable Units 100-FR-1 and 100-FR-2, WHC-SD-EN-TI-169 REV 0.
 2. Vitro Engineering Co., 6/30/65, Plot Plan, H-1-14562.
 3. Apple, V. D. and P. W. Griffin, 2/26/88, Decommissioning Work Procedure: 1717-F Final Site Cleanup, DWP-1717F-1.
 4. Vitro Engineering Co., 6/30/65, STEAM GENERATING EQUIPMENT INSTALLATION PIPING PLANS & DETAILS, H-1-14570.

Dimensions:

Length:		Meters		Feet	
Width:		Meters		Feet	
Depth / Height:		Meters		Feet	
Overburden Depth:	2.44	Meters	8.00	Feet	05/20/97
Diameter:		Meters		Feet	
Sq. Area:		sqMeters		sqFeet	
Est. Volume:		cuMeters		cuFeet	
Capacity:	94,625.00	Liters	24,999.93	Gallons	

Site Shape:

- References:**
1. D. H. DeFord, 07/06/93, 100-F Reactor Site Technical Baseline Report Including Operable Units 100-FR-1 and 100-FR-2, WHC-SD-EN-TI-169 REV 0.

Regulatory Information:

Part A Permit Application Written:	No	05/20/97	Interim Closure Plan Written:	No	05/20/97
Part B Permit Application Written:	No	05/20/97	Covered under TPA Action Plan:	Unknown	
Registered Class V Underground Injection Well:	No		Solid Waste Management Unit:	No	
			Air/Water Permit Written:	No	

TPA Waste Management Unit Type:

Regulatory Authority:

TSD Number:

References:

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: 4172

Site Alias(es): 100-F-32, 1717-F Underground Fuel Oil Tanks

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 3804(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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: Information in DWP-1717F-1 indicates the tanks have been removed.

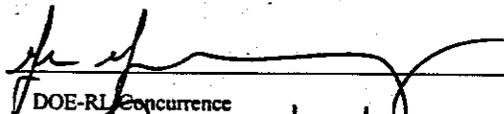
ERC Data Management Investigator

Date

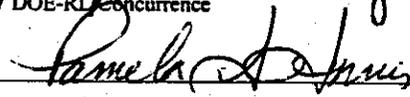
Regulatory Compliance Concurrence

Date

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


DOE-RL Concurrence

7/29/97
Date


Lead Regulatory Agency Concurrence

7/29/97
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.)

Discovery Site ID Number: 4172

Site Alias(es): 100-F-32, 1717-F Underground Fuel Oil Tanks

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 residential 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

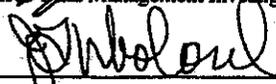
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: Information in DWP-1717F-1 indicates the tanks have been removed.



 Data Management Investigator



 Regulatory Compliance Concurrence

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 Date

could be misinterpreted to be a french drain. There are also several floor drains within the 1705-F Building and Greenhouse, but the piping diagrams in H-1-1518 and H-1-1519 indicate that they discharge to the process sewer. In Drawing H-1-5791, the floor drains are abbreviated as "FD", which may have also contributed to confusion about the 116-F-13 site since "FD" has been used to abbreviate french drain.

Based on document and drawing reviews, the 1705-F Experimental Garden French Drain does not exist.

References:

1. H. V. Clukey, 10-8-54, Tabulation of Radioactive Liquid Waste Disposal Facilities, HW-33305.
2. H. V. Clukey, 5-10-56, Tabulation of Radioactive Liquid Waste Disposal Facilities, HW-43121.
3. 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.
4. BLDG NO. 1705 - RADIO-BOTANY LABORATORY OUTSIDE LINES, H-1-1518.
5. General Electric, 11/15/62, AREA MAP - 100 F, H-1-13850 Sheet 3.
6. General Electric, 1954, OUTSIDE LINES - SEWERS 100F AREA (No Official Title), M-1904-F-Sheet 5.
7. U. S. Atomic Energy Commission Hanford Atomic Products Operation, 9/14/56, VICINITY OUTSIDE UNDERGROUND LINES POND AREA AQUATIC BIOLOGY LABORATORY, H-1-5791.
8. General Electric, Topographic Map - 100 F Area (No Official Title), M-1600-F-Sheet 5.
9. 4/16/47, BLDG. 146-F FISH LABORATORY MAP & DETAILS WATER SUPPLY LINES, H-1-503 Rev 1.

Regulatory Information:

Part A Permit Application Written:	No	Interim Closure Plan Written:	No
Part B Permit Application Written:	No	Covered under TPA Action Plan:	Yes
Registered Class V Underground Injection Well:	No	Solid Waste Management Unit:	No
		Air/Water Permit Written:	No

TPA Waste Management Unit Type:

Regulatory Authority: CERCLA Past Practice

TSD Number:

References:

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: 61

Site Alias(es): 116-F-13, 1705-F Experimental Garden French Drain

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: A review of documents and drawings has found no indication that a french drain ever existed at the 1705-F Experimental Garden. This site appears to be confused with both the 146-FR fish rearing ponds and the 1607-F6 septic tank.

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

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

[Handwritten Signature]
[Handwritten Signature]

7/29/97
7/29/97

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.)

Discovery Site ID Number: 61

Site Alias(es): 116-F-13, 1705-F Experimental Garden 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 residential 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

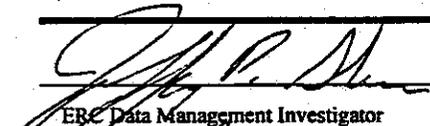
A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

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.

<p>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.)</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>	
<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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)</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: A review of documents and drawings has found no indication that a french drain ever existed at the 1705-F Experimental Garden. This site appears to be confused with both the 146-FR fish rearing ponds and the 1607-F6 septic tank.



 ERC Data Management Investigator



 Regulatory Compliance Concurrence

5/15/97

 Date

5/20/97

 Date

Environmental Sites Database

General Summary Report

29-Jul-97

Site Code: 132-F-2	Site Classification: Rejected	Page 1
Site Names:	132-F-2, 132-F-2 Inhalation Laboratory, 144-F, 144-FB	
Site Desc:	The site was a laboratory that was part of the Experimental Animal Farm. The building has been demolished. It was a rectangular one-story, 302 square meter (3,250 square foot), concrete block building. The building contained an office, laboratories, and indoor and outdoor animal runs.	05/16/97
Assoc Struct:	The site was related to the 144-F Building.	05/29/97
Site Type:	Laboratory	02/28/96 Start Date:
Status:	Inactive	End Date:
Programmatic Responsibility:		Coordinates:
Operable Unit:	100-FR-1	(E) 580927.188
Hanford Area:	100F	(N) 147871
Site Accessible:	No	Washington State Plane
Access Req:		Site Hazards:
Location Desc:	The building was located south of the 141-F (132-F-1) sheep barn and east of the 141-C hog barn.	05/16/97
Env. Mon Desc:		
Release Desc:		
Release Potential Desc:		
Process Desc:	The laboratory was used for particulate exposure experiments and for a series of studies on the effects of ionizing radiation on dogs. Between 300 and 400 beagles were housed at the nearby dog kennels during the studies. The primary isotopes used for the dog studies were plutonium-239 and radium-226.	05/28/97
Cleanup Activities:	The 144-F animal pens were decontaminated, demolished and buried in the 182-F Reservoir in either fiscal year 1977 or fiscal year 1978. The 144-F building was decontaminated, demolished and buried in the 183-F Clearwells during fiscal year 1979.	05/28/97
Site Comment:	The building was not buried in place as was "assumed" in DOE/RL-90-33.	05/16/97
References:	<ol style="list-style-type: none"> 1. D. H. DeFord, 07/06/93, 100-F Reactor Site Technical Baseline Report Including Operable Units 100-FR-1 and 100-FR-2, WHC-SD-EN-TI-169 REV 0. 2. Remedial Investigation/Feasibility Study Work Plan for the 100-FR-1 Operable Unit, DOE/RL-90-33, Rev. 0. 3. R.K. Wahlen, 8/91, Summary of the Hanford Site Decontamination, Decommissioning, and Cleanup FY 1974 through FY 1990, WHC-EP-0478. 4. Area Map - 100F Animal Farm, H-1-14841. 	

Dimensions:

Length:	Meters	Feet	
Width:	Meters	Feet	
Depth / Height:	Meters	Feet	
Overburden Depth:	Meters	Feet	
Diameter:	Meters	Feet	
Sq. Area:	301.93 sqMeters	3,250.00 sqFeet	05/16/97
Est. Volume:	cuMeters	cuFeet	
Capacity:	Liters	Gallons	

Site Shape: Rectangle

References: 1. Remedial Investigation/Feasibility Study Work Plan for the 100-FR-1 Operable Unit, DOE/RL-90-33, Rev. 0.

Regulatory Information:

Part A Permit Application Written:	No	Interim Closure Plan Written:	No
Part B Permit Application Written:	No	Covered under TPA Action Plan:	Yes
Registered Class V Underground Injection Well:	No	Solid Waste Management Unit:	No
		Air/Water Permit Written:	No

TPA Waste Management Unit Type:

Regulatory Authority: RCRA Past Practice

TSD Number:

References: 1. Remedial Investigation/Feasibility Study Work Plan for the 100-FR-1 Operable Unit, DOE/RL-90-33, Rev. 0.

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: 1636

Site Alias(es): 132-F-2, 132-F-2 Inhalation Laboratory, 144-F, 144-FB

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: WHC-EP-0478 states that the animal pens and the building were demolished and buried elsewhere.

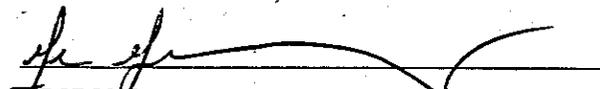
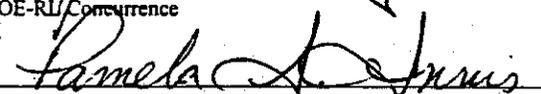
ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

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


 DOE-RL Concurrence

 Lead Regulatory Agency Concurrence

7/29/97
 Date
7/29/97
 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.)

Discovery Site ID Number: 1636

Site Alias(es): 144-F, 144-FB, 132-F-2 Inhalation Laboratory

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: WHC-EP-0478 states that the animal pens and the building were demolished and buried elsewhere.

Jeffrey P. Shearer
 ERC Data Management Investigator

1/20/97
 Date

Nicol Stambolic
 Regulatory Compliance Concurrence

1/27/97
 Date

Document, WHC-SD-EN-TI-169, the Grazing Plot (10-acres) was used to pasture pregnant animals and animals too young for experiments. The document goes on to state that no contaminants are known to exist at this location.

A soil-gas survey was requested to determine if significant concentrations of volatile organic compounds (VOCs) or landfill gases (LFG) could be detected in the vadose zone associated with the suspect waste site. The investigation (June 12, 1995) consisted of installing dedicated soil-gas probes into the vadose zone approximately 1.8 to 3.05 meters (6 to 10 feet) beneath the ground surface. Sample point locations are described as: one on each side of the depression (D-1 and D-2), and one 3.05 meters (10 feet) to the south of the depression and at the north edge of shallow buried debris (D-3). Soil-gas vapor was then monitored directly from each sample point using two total-organic-vapor monitoring instruments, and an infrared landfill gas analyzer. No VOCs were detected by the total-vapor instruments, and readings on the landfill gas analyzer showed no indication of methane gas (CH₄). In addition, the levels of carbon dioxide (CO₂) and oxygen (O₂) were in the range considered normal for uncontaminated soils. Subsequent to the direct monitoring, soil-gas vapor samples were collected in 1-liter tediars bags and analyzed for VOCs using a gas chromatograph (GC). No VOCs were detected by the gas chromatograph. The results can be found in Bechtel Interoffice Memorandum #017597.

An initial radiological survey of the site was conducted between March 31, 1995 and April 4, 1995. According to BHI-00339, no contamination was found at the surface depression (100-F-1). The methodology includes the removal of a small amount of soil, between 5.08 centimeters (2 inches) and 15.2 centimeters (6 inches), and surveying both the removed soil and the location where the soil was removed.

References:

1. D. H. DeFord, 07/06/93, 100-F Reactor Site Technical Baseline Report Including Operable Units 100-FR-1 and 100-FR-2, WHC-SD-EN-TI-169 REV 0.
2. K. A. Bergstrom, T. H. Mitchell, 7/11/95, Geophysical Investigations of the 100-F-1 Depression, 100-F-14 Vent Pipe, PNL Parallel Pits, 100-FR-2 Operable Unit, BHI-00343.
3. General Electric, 2/8/57, HIGH PURITY WATER SYSTEM FOR 100-F BIOLOGY, SK-1-2847 SHT 1.
4. General Electric, 2/8/57, HIGH PURITY WATER SYSTEM FOR 100-F BIOLOGY, SK-1-2847 SHT 2.
5. Richard B. Kerkow, 6/20/95, Interoffice Memorandum: Subject: Results of Soil-Gas Sampling At The 100-F-1 "Depression" and The 100-F-14 "Vent Pipe" Suspect Waste Sites, BHI #017597.
6. C. L. Radford, 6/15/95, 100-FR-2 Operable Unit Man-Carried Radiological Detection System (MRDS) Radiological Surveys, BHI-00339.

Dimensions:

Length:	2.44 Meters	8.00 Feet
Width:	2.44 Meters	8.00 Feet
Depth / Height:	Meters	Feet
Overburden Depth:	Meters	Feet
Diameter:	Meters	Feet
Sq. Area:	5.95 sqMeters	64.00 sqFeet
Est. Volume:	cuMeters	cuFeet
Capacity:	Liters	Gallons
Site Shape:		

References:

1. D. H. DeFord, 07/06/93, 100-F Reactor Site Technical Baseline Report Including Operable Units 100-FR-1 and 100-FR-2, WHC-SD-EN-TI-169 REV 0.

Regulatory Information:

Part A Permit Application Written:	No	Interim Closure Plan Written:	No
Part B Permit Application Written:	No	Covered under TPA Action Plan:	Yes
Registered Class V Underground Injection Well:	No	Solid Waste Management Unit:	No
		Air/Water Permit Written:	No

TPA Waste Management Unit Type:

Regulatory Authority: CERCLA Past Practice

TSD Number:

- References:
1. D. H. DeFord, 07/06/93, 100-F Reactor Site Technical Baseline Report Including Operable Units 100-FR-1 and 100-FR-2, WHC-SD-EN-TI-169 REV 0.
 2. D. B. Blumenkranz, 8/2/94, WIDS Site Addition: 100-F-1 (#94-098), 100-F-1.

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: 1669

Site Alias(es): 100-F-1, 100-FR-2 Depression

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: The purpose of the depression is not known; however, there is no indication that it is associated with any waste management activity or that hazardous substances have been released.

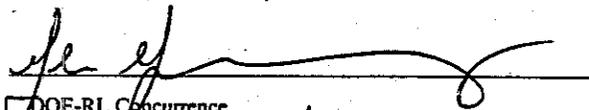
ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

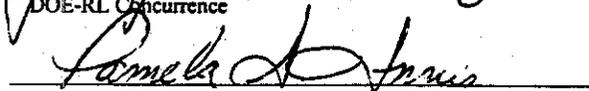
Date

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



DOE-RL Concurrence

7/29/97
Date



Lead Regulatory Agency Concurrence

7/29/97
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.)

Discovery Site ID Number: 1669

Site Alias(es): 100-F-1, 100-FR-2 Depression

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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 <input type="radio"/>	NO <input checked="" type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>		
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 <input type="radio"/> n <input checked="" type="radio"/>		
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 <input type="radio"/>	NO <input checked="" type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES <input type="radio"/>	NO <input checked="" type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES <input type="radio"/>	NO <input checked="" type="radio"/>
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 <input type="radio"/>	NO <input checked="" type="radio"/>

Comments: The purpose of the depression is not known; however, there is no indication that it is associated with any waste management activity or that hazardous substances have been released.

Jeffrey P. Sheen
ERC Data Management Investigator

1/20/97
Date

Kiril Stambolov
Regulatory Compliance Concurrence

1/28/97
Date

Environmental Sites Database

General Summary Report

24-Jul-97

Site Code: 600-31

Site Classification: Accepted

Page 1

Site Names: 600-31, 100-F Area Bottle Disposal Site

Site Desc: The site is a sandy area with rabbit brush growing throughout. It exhibits physical evidence that the dumping of laboratory materials took place. The area also appears to have been disturbed by a blade or bulldozer. 05/28/97

Assoc Struct:

Site Type: Dumping Area

Start Date:

Status: Inactive

End Date:

Programmatic Responsibility:

Coordinates:

Operable Unit: 100-FR-2

(E) 581232.312

Hanford Area: 600

(N) 146915.5

Site Accessible: No

Washington State Plane

Access Req:

Site Hazards:

Location Desc: The site is located approximately 91 meters (300 feet) north of the southeast corner of the perimeter road and approximately 9.1 meters (30 feet) east of the perimeter road. 05/27/97

Env. Mon Desc:

Release Desc:

Release Potential Desc:

Process Desc:

Cleanup Activities:

Site Comment: No historical information or documentation has been found on this unit. The information presented on this unit is based on evidence from a field investigation. Depth and operational dates are unknown. 05/28/97

References: 1. WIDS Site Addition. Site 600-31..

Dimensions:

Length:	15.24 Meters	50.00 Feet
Width:	3.05 Meters	10.00 Feet
Depth / Height:	Meters	Feet
Overburden Depth:	Meters	Feet
Diameter:	Meters	Feet
Sq. Area:	46.45 sqMeters	500.00 sqFeet
Est. Volume:	cuMeters	cuFeet
Capacity:	Liters	Gallons
Site Shape:		

References: 1. WIDS Site Addition, Site 600-31..

Regulatory Information:

Part A Permit Application Written: No

Interim Closure Plan Written: No

Part B Permit Application Written:	No	Covered under TPA Action Plan:	Yes
Registered Class V Underground Injection Well:	No	Solid Waste Management Unit:	Yes
		Air/Water Permit Written:	No
TPA Waste Management Unit Type:	Waste disposal unit		
Regulatory Authority:	CERCLA Past Practice		
TSD Number:			
References:	1. 3-90, Hanford Federal Facility Agreement and Consent Order (TPA) Volume 2 of 2 CY 1990 Update, 89-10. 2. WIDS Site Addition, Site 600-31..		

Waste Information:

Type:	Misc. Trash and Debris	05/27/97
Category:	Hazardous/Dangerous	05/27/97
Physical State:	Solid	05/27/97
Amount:		
Units:		
Reported Date:		
Start Date:		
End Date:		
Description:	Wastes identified are laboratory-type bottles and bottle caps with the following markings on some of the caps: 1) Sulfuric 2) Mallinckrodt, 3) Bakers, 4) B & A, 5) Fisher. The markings and colors on the bottles and caps indicate they most likely contained laboratory chemicals (e.g. nitric acid, sulfuric acid, hydrochloric acid, etc).	
References:	1. WIDS Site Addition, Site 600-31..	

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: 1175

Site Alias(es): 600-31, 100-F Area Bottle Disposal Site

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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
<input checked="" type="radio"/>	<input type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input checked="" type="radio"/> <input type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input checked="" type="radio"/> n <input type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments:

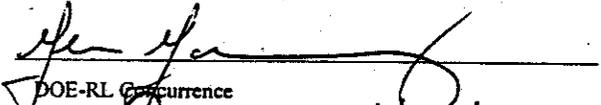
ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

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


 DOE-RL Concurrence

 Lead Regulatory Agency Concurrence

7/29/97
 Date
7/29/97
 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.)

Discovery Site ID Number: 1175

Site Alias(es): 600-31, 100-F Area Bottle Disposal Site

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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
<input checked="" type="radio"/>	<input type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input checked="" type="radio"/> <input type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input checked="" type="radio"/> n <input type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments:

Jeffrey P. McLean
ERC Data Management Investigator

1/22/97
Date

Keith A. ...
Regulatory Compliance Concurrence

1/29/97
Date

Waste Site Reclassification Form

<p>Date Submitted: July 23, 1997</p> <p>Originator: Clarence E. Corriveau, Jr., MSIN H0-17</p> <p>Phone: 509-372-9565</p>	<p>Operable Unit(s): 100-FR-2</p> <p>Waste Site ID: 600-31. Bottle Disposal Site</p> <p>Type of Reclassification Action:</p> <p>Rejected <input checked="" type="checkbox"/></p> <p>Closed Out <input type="checkbox"/></p> <p>No Action <input type="checkbox"/></p>	<p>Control Number: 97-006</p>
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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:

(Summarize status of investigation/remediation of the waste sites.)

The site is a sandy area with rabbit brush growing throughout. Scattered pieces of broken laboratory-type bottles occur over an area approximately 15.34 m (50 ft) wide and 3.05 m (10 ft) long.

Basis for reclassification:

(For closeout, reference supporting documentation, as listed in Table 2-3.)

No evidence exists to indicate hazardous, dangerous, or radioactive waste was disposed at this site. No waste materials, distressed vegetation, or other evidence of waste disposal have been found at this site.

G.I. Goldberg
DOE Project Manager

[Signature]
Signature

7/29/97
Date

Ecology Project Manager

Signature

Date

Pamela S. Innis
EPA Project Manager

[Signature]
Signature

7/29/97
Date

Environmental Sites Database

General Summary Report

07-Aug-97

Site Code: 100-H-6 Site Classification: Rejected Page 1

Site Names: 100-H-6, Suspect Waste Site: Contaminated Ramp

Site Desc: The site is a contaminated concrete ramp connected to the 105-H Reactor Building. The concrete ramp is enclosed in heavy wire mesh and is posted as a "surface contamination area".

Assoc Struct:

Site Type: Unplanned Release

Start Date:

Status: Inactive

End Date:

Programmatic Responsibility:

Coordinates:

Operable Unit: 100-HR-1

(E) 577836.938 -

Hanford Area: 100H

(N) 152523.703

Site Accessible: No

Washington State Plane

Access Req:

Site Hazards:

Location Desc: The ramp is located on the east side of the 105-H reactor building.

Env. Mon Desc:

Release Desc: Site personnel believe the ramp may have become contaminated from moving contaminated material out of the reactor basement level. They believe the wire mesh was installed to prevent tumbleweeds from accumulating in the ramp area.

Release Potential Desc:

Process Desc:

Cleanup Activities:

Site Comment: The 100-H-6 site has been rejected as a waste site because it is a part of the 105-H Reactor Building and is included in its WIDS site (118-H-6).

References: 1. D.H. Deford, M.W. Einar., Feb 1995, 100-H Area Technical Baseline Report, BHI-00127.

Regulatory Information:

Part A Permit Application Written:	No	Interim Closure Plan Written:	No
Part B Permit Application Written:	No	Covered under TPA Action Plan:	No
Registered Class V Underground Injection Well:	No	Solid Waste Management Unit:	No
		Air/Water Permit Written:	No

TPA Waste Management Unit Type:

Regulatory Authority: CERCLA Past Practice

TSD Number:

References: 1. Ecology, 8/28/95, Redesignation of 100-HR-1 and 100-DR-1 Operable Units (OUs) from RCRA Past Practice Units to CERCLA Past Practice Units, TPA C-95-01A.

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: 1866

Site Alias(es): 100-H-6, Suspect Waste Site: Contaminated Ramp

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO <input type="radio"/> <input type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/></p>	
<p>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 <input type="radio"/> n <input type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO <input type="radio"/> <input type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO <input type="radio"/> <input type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO <input type="radio"/> <input type="radio"/></p>
<p>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)</p>	<p>YES NO <input type="radio"/> <input type="radio"/></p>

Comments: This site is not a separate waste management unit. It will be included in the description of the 105-H Building (118-H-6).

[Signature]
ERC Data Management Investigator

2/15/97
Date

[Signature]
Regulatory Compliance Concurrence

2/16/97
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.)

Discovery Site ID Number: 1866

Site Alias(es): 100-H-6, Suspect Waste Site: Contaminated Ramp

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/></p>	
<p>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 <input type="radio"/> n <input type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>

Comments: This site is not a separate waste management unit. It will be included in the description of the 105-H Building (118-H-6).

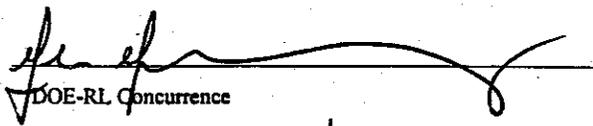
ERC Data Management Investigator _____

Date _____

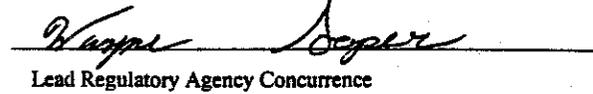
Regulatory Compliance Concurrence _____

Date _____

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


 DOE-RL Concurrence

8/8/97
 Date


 Lead Regulatory Agency Concurrence

8-8-97
 Date

Environmental Sites Database

General Summary Report

06-Aug-97

Site Code: 100-H-18 Site Classification: Rejected Page 1

Site Names: 100-H-18, Undocumented Unplanned Airborne Release: Stack Emission No.1

Site Desc: There are no posted areas related to this release.

Assoc Struct:

Site Type: Unplanned Release

Start Date: 1955

Status: Inactive

End Date:

Programmatic Responsibility:

Coordinates:

(E) 0

Operable Unit: 100-HR-1

(N) 0

Hanford Area: 100H

Washington State Plane

Site Accessible: No

Access Req:

Site Hazards:

Location Desc: Affected areas included the 100-H Area and the Wahluke Slope. Figure 3 in HW-54636 shows the particulate density with the 100-H Area.

Env. Mon Desc:

Release Desc: The 105-H stack emitted approximately 2.2E9 becquerels (0.6 curies) of filterable gross beta contamination on May 3, 1955, when two ruptured slugs were removed from the reactor. The amount of material released was calculated based on the ground deposition.

Release Potential Desc:

Process Desc:

Cleanup Activities:

Site Comment: The emission was unnoticed until general contamination was found in the 105-H fan cells. A spot check was then made of the 100-H Area. The few particles detected were thought to be from previous emissions. On May 25 and 26, after analysis of the particulates indicated the presence of short-lived isotopes, an extensive ground survey was made. Ground contamination was located in the northwest corner of 100-H Area, with concentrations as high as 20 particles per 9.3 square meters (100 square feet). The Meteorology Tower reported a wind from the northwest during the time of the stack emission; however, during periods of light winds, 100-H Area frequently experiences a different wind direction than is recorded at Meteorology. Six particles were detected in the 930 square meters (10,000 square feet) surveyed along the Wahluke Slope road opposite 100-H Area.

- References:
1. J. M. Selby and J. K. Soldat, 1-25-58, Summary of Environmental Contamination Incidents at Hanford, 1952-1967, HW-54636.
 2. D.H. Deford, M.W. Einar, Feb 1995, 100-H Area Technical Baseline Report, BHI-00127.

Regulatory Information:

Part A Permit Application Written:	No	Interim Closure Plan Written:	No
Part B Permit Application Written:	No	Covered under TPA Action Plan:	No
Registered Class V Underground Injection Well:	No	Solid Waste Management Unit:	No
		Air/Water Permit Written:	No

TPA Waste Management Unit Type:

Regulatory Authority: CERCLA Past Practice

TSD Number:

References: 1. Ecology, 8/28/95, Redesignation of 100-HR-1 and 100-DR-1 Operable Units (OUs) from RCRA Past Practice Units to CERCLA Past Practice Units, TPA C-95-01A.

Waste Information:

Type: Process Effluent

Category: Radioactive

Physical State: Solid

Amount:

Units:

Reported Date:

Start Date: 1955

End Date:

Description: The waste consisted of airborne radioactive particulates released through the 105-H stack.

References: 1. J. M. Selby and J. K. Soldat, 1-25-58, Summary of Environmental Contamination incidents at Hanford, 1952-1967, HW-54636.

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: 1858

Site Alias(es): 100-H-18, Undocumented Unplanned Airborne Release: Stack Emmission No. 1

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>

Comments: This site does not require action to mitigate an environmental impact. The short-lived radionuclides released in 1955 have decayed and there are no posted areas related to the release.

J. P. Shearn
ERC Data Management Investigator

2/5/97
Date

Krish Schumli
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.)

Discovery Site ID Number: 1858

Site Alias(es): 100-H-18, Undocumented Unplanned Airborne Release: Stack Emission No.1

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: This site does not require action to mitigate an environmental impact. The short-lived radionuclides released in 1955 have decayed and there are no posted areas related to the release.

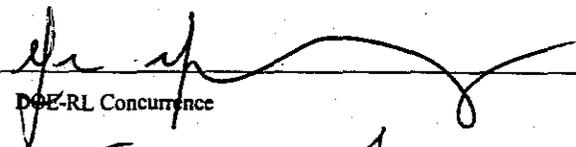
ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

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


DOE-RL Concurrence

8/8/97
Date


Lead Regulatory Agency Concurrence

8-8-97
Date

Site Names: 100-H-16, 184-H Dissolving Pit and Brine Pump House, H Area Power House Brine Pit, 184-H Brine Pit

Site Desc: The salt dissolving pits and brine pump pit were part of a single below-grade concrete structure that provided brine for the 184-H Powerhouse. No evidence of the structure can be seen today.

The salt dissolving pits each had inner dimensions of 4.3 meters (14 feet) long by 2.4 meters (8 feet) wide by 2.8 meters (9.25 feet) tall. They had a design high water line 2.4 meters (7.75 feet) from the pit bottom. An overflow slot that connected the two dissolving pits was located 0.3 meters (1 foot) above the high water line. The bottom of each pit was filled with a 12.7 centimeter (5 inch) layer of 1.3 to 2.6 centimeter (1/2 to 1 inch) gravel topped by a 17.8 centimeter (7 inch) layer of 0.3 to 0.6 centimeter (1/8 to 1/4 inch) gravel. The dissolving pits each had a 2.4 meter (8 feet) by 0.9 meter (3 feet) opening at the top for receiving salt. Each pit had a capacity of 23,600 kilograms (52,000 pounds) of salt.

The brine pump pit is located adjacent to the two salt dissolving pits. The pit was 3.3 meters (10.67 feet) long by 2.2 meters (7.33 feet) wide by 2.1 meters (7 feet) deep. It held two pumps and associated piping (all brass) for the brine system. The floor of the pump pit sloped toward a 46 by 46 centimeters (18 by 18 inches) sump in a corner. A sump pump discharged to a nearby french drain (100-H-32).

Assoc Struct: The site is associated with 184-H Power House and the 100-H-32 French Drain.

Site Type: Sump

Start Date: 1948

Status: Inactive

End Date:

Programmatic Responsibility:

Coordinates:

Operable Unit: 100-HR-2

(E) 577456.25

Hanford Area: 100H

(N) 152937.641

Site Accessible: No

Washington State Plane

Access Req:

Site Hazards:

Location Desc: The site is located south of 184-H and just north of the railroad tracks.

Env. Mon Desc:

Release Desc:

Release Potential Desc:

Process Desc: The brine was used to regenerate the zeolite ion exchange demineralizers that were part of the powerhouse water treatment system.

Cleanup Activities:

Site Comment: The site was probably demolished in place as were similar brine pits at 184-B and 184-D. No demolition or sampling records have been located.

In the other 100 Areas, the brine pits were located so that the sump discharges and overflow went to the area process sewer systems. At 100H, the brine pit was not located near the process sewer system, so a french drain was used.

References:

1. P. W Griffin, 10-5-88, 184-B Powerhouse, 184-D Powerhouse, 1717-F Maintenance Shop Facility Decommissioning Report, SD-DD-TI-033.
2. R. W. Carpenter, 09/20/93, 100-D Area Technical Baseline Report, WHC-SD-EN-TI-181, REV 0.
3. D.H. Deford, M.W. Einan., Feb 1995, 100-H Area Technical Baseline Report, BHI-00127.
4. 100H Underground Services: Sewer & Water, P-1216.
5. Giffels & Vallet Inc., Engineers, 4/15/49, BUILDING 184-H BRINE PIT & PIPING, P-1419 Rev 2.

Dimensions:

Length: 9.45 Meters 31.00 Feet

Width:	5.49 Meters	18.00 Feet
Depth / Height:	3.66 Meters	12.00 Feet
Overburden Depth:	Meters	Feet
Diameter:	Meters	Feet
Sq. Area:	sqMeters	sqFeet
Est. Volume:	cuMeters	cuFeet
Capacity:	Liters	Gallons
Site Shape:	Irregular	

References: 1. Giffels & Vallet Inc., Engineers, 4/15/49, BUILDING 184-H BRINE PIT & PIPING, P-1419 Rev 2.

Regulatory Information:

Part A Permit Application Written:	No	Interim Closure Plan Written:	No
Part B Permit Application Written:	No	Covered under TPA Action Plan:	Unknown
Registered Class V Underground Injection Well:	Unknown	Solid Waste Management Unit:	Yes
		Air/Water Permit Written:	No

TPA Waste Management Unit Type: Waste disposal unit

Regulatory Authority:

TSD Number:

References:

Waste Information:

Type: Demolition and Inert Waste

Category: Unknown

Physical State: Solid

Amount:

Units:

Reported Date:

Start Date:

End Date:

Description: The site was probably demolished in place. No documentation has been located related to cleanup. It is not known if salt cake was left in the structure.

References:

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: 1876

Site Alias(es): 100-H-16, 184-H Dissolving Pit and Brine Pump House, H Area Power House Brine Pit, 184-H Brine Pit

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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
<input checked="" type="radio"/>	<input type="radio"/>

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 residential 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

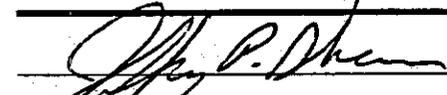
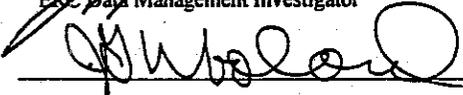
IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

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.

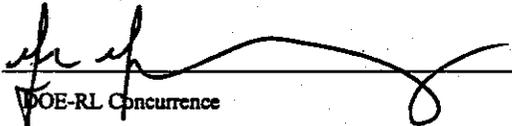
<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input checked="" type="radio"/> <input type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input checked="" type="radio"/> n <input type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: This classification is based on the assumption that the structure was buried in situ. Hazardous waste (saltcake) may remain at the site.


 ERE Data Management Investigator

 Regulatory Compliance Concurrence

6/13/97
 Date
6/17/97
 Date

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


 DOE-RL Concurrence

 Lead Regulatory Agency Concurrence

8/8/97
 Date
8-8-97
 Date

Waste Site Reclassification Form

<p><u>Date Submitted:</u> July 1, 1997</p> <p><u>Originator:</u> Clarence E. Corriveau, Jr., MSIN H0-17</p> <p><u>Phone:</u> 509-372-9565</p>	<p><u>Operable Unit(s):</u> 100-HR-2</p> <p><u>Waste Site ID:</u> 100-H-16, 184-H Power House Brine Pits</p> <p><u>Type of Reclassification Action:</u></p> <p>Rejected <input checked="" type="checkbox"/></p> <p>Closed Out <input type="checkbox"/></p> <p>No Action <input type="checkbox"/></p>	<p><u>Control Number:</u> 97-003</p>
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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:

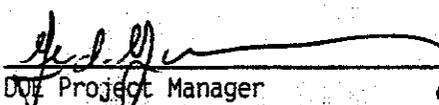
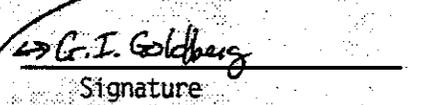
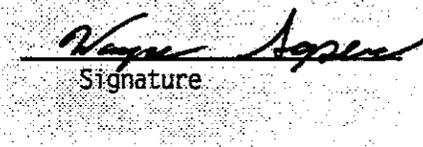
(Summarize status of investigation/remediation of the waste sites.)

Two salt-dissolving pits were part of a single below-grade concrete structure that provided sodium chloride brine used to regenerate the zeolite ion exchange demineralizers that were part of the water treatment system for the 184-H Power House. Each pit had inner dimensions of 4.3 m x 2.4 m x 2.8 m (14 ft x 8 ft x 9.25 ft) deep. The facility is believed to have been demolished in place as were similar brine pits in the BC Area and D Area. No demolition or sampling records have been located. The site currently appears as a cobble-covered area located adjacent to railroad tracks west of the former location of the 184-H Power House.

Basis for reclassification:

(For closeout, reference supporting documentation, as listed in Table 2-3.)

Site is a Waste Management Unit but not a waste disposal unit. No other regulatory authorities apply Sodium chloride in the form and concentration which may exist on site is not a hazardous waste, is nondangerous and nonradioactive.

<p></p> <p>DOE Project Manager</p>	<p></p> <p>Signature</p>	<p><u>8/11/97</u></p> <p>Date</p>
<p><u>Wayne Saper</u></p> <p>Ecology Project Manager</p>	<p></p> <p>Signature</p>	<p><u>8-12-97</u></p> <p>Date</p>
<p>EPA Project Manager</p>	<p>Signature</p>	<p>Date</p>

Site Names: 100-H-27, 100-H Area Patrol Headquarters Storm Runoff Ditch

Site Desc: The site is a ditch that receives stormwater runoff from a nearby asphalt parking areas and buildings. The ditch runs northward from a 15 centimeter (6 inch) vitrified clay pipe that discharged at a headwall.

Assoc Struct:

Site Type: Ditch

Start Date:

Status: Inactive

End Date:

Programmatic Responsibility:

Coordinates:

Operable Unit: 100-HR-2

(E) 0

Hanford Area: 100H

(N) 0

Site Accessible: No

Washington State Plane

Access Req:

Site Hazards:

Location Desc: The site is located east of and adjacent to the 1607-H3 septic tank and tilefield.

Env. Mon Desc:

Release Desc:

Release Potential Desc:

Process Desc:

Cleanup

Activities:

Site Comment: The 100-H Technical Baseline Report (BHI-00127) documents the length of the trench as 90 meters (100 yards). Drawing P-1230 shows the trench to be approximately 30 meters (100 feet) long. The length provided by the Technical Baseline Report is believed to be accurate

- References:
1. 11/2/49, 100-H Site Plan, Underground Services Sewer and Waste Section 30, P-1230 Rev 4.
 2. D.H. Deford, M.W. Einan,, Feb 1995, 100-H Area Technical Baseline Report, BHI-00127.

Dimensions:

Length:	91.44 Meters	300.00 Feet
Width:	0.91 Meters	3.00 Feet
Depth / Height:	0.46 Meters	1.50 Feet
Overburden Depth:	Meters	Feet
Diameter:	Meters	Feet
Sq. Area:	sqMeters	sqFeet
Est. Volume:	cuMeters	cuFeet
Capacity:	Liters	Gallons
Site Shape:		

- References:
1. D.H. Deford, M.W. Einan,, Feb 1995, 100-H Area Technical Baseline Report, BHI-00127.

Regulatory Information:

Part A Permit Application Written:	No	Interim Closure Plan Written:	No
Part B Permit Application Written:	No	Covered under TPA Action Plan:	Unknown
Registered Class V Underground Injection Well:	No	Solid Waste Management Unit:	No
		Air/Water Permit Written:	No

TPA Waste Management Unit Type:

Regulatory Authority:

TSD Number:

References:

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Amount:

Units:

Reported Date:

Start Date:

End Date:

Description:

References: 1. 11/2/49, 100-H Site Plan, Underground Services Sewer and Waste Section 30, P-1230 Rev 4.

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: 3792

Site Alias(es): 100-H-27, 100-H Area Patrol Headquarters Storm Runoff Ditch

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input type="radio"/>

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 residential 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: This site received uncontaminated stormwater runoff only which does not qualify for WIDS as documented in the 1987 HSWMUR.

Jeffrey P. Shean
ERC Data Management Investigator

2/6/97
Date

Keith Schmalz
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.)

Discovery Site ID Number: 3792

Site Alias(es): 100-H-27, 100-H Area Patrol Headquarters Storm Runoff Ditch

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/></p>	
<p>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 <input type="radio"/> n <input type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>

Comments: This site received uncontaminated stormwater runoff only which does not qualify for WIDS as documented in the 1987 HSWMUR.

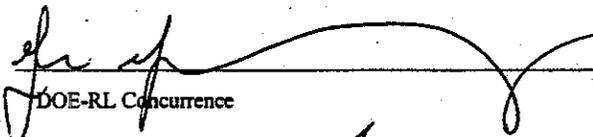
ERC Data Management Investigator

Date

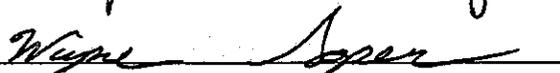
Regulatory Compliance Concurrence

Date

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


DOE-RL Concurrence

8/8/77
Date


Lead Regulatory Agency Concurrence

8-8-97
Date

Site Names: 100-H-19, Undocumented Unplanned Airborne Release: Stack Emission No.2

Site Desc: There are no posted areas related to this site.

Assoc Struct:

Site Type: Unplanned Release

Start Date: 1955

Status: Inactive

End Date:

Programmatic Responsibility:

Coordinates:

Operable Unit: 100-HR-1

(E) 0

Hanford Area: 100H

(N) 0

Washington State Plane

Site Accessible: No

Access Req:

Site Hazards:

Location Desc: Affected areas included 100-H and parts of the 600 Area to the west and south. Figure 4 in HW-54636 shows the particulate density within the 100-H Area. Figure 5 in HW-54636 has a larger scale and shows the particulate density over the greater area.

Env. Mon Desc:

Release Desc: On November 1, 1955, a ruptured slug burned briefly during discharge from the reactor. Approximately 3.0×10^{10} becquerels (0.8 curie) of filterable gross beta contamination, mostly barium and rare earth plus yttrium, was emitted from the 105-H stack. The south one-third portion of the 100-H Area was found contaminated with concentrations as high as 12 particles per 9.3 square meters (100 square feet). The contamination level was 1,000 to 10,000 counts/minutes, with isolated particles as high as 1 milligray/hour (100 millirads/hour). One particle, found near the 100-H Gatehouse, had a dose rate of 7 milligrays/hour (700 millirads/hour). The contamination was found to have spread south of 100-H Area, covering an area of approximately 18.1 square kilometers (7 square miles).

Release Potential Desc:

Process Desc:

Cleanup Activities:

Site Comment:

References:

1. J. M. Selby and J. K. Soldat, 1-25-58, Summary of Environmental Contamination Incidents at Hanford, 1952-1967, HW-54636.
2. D.H. Deford, M.W. Einan., Feb 1995, 100-H Area Technical Baseline Report, BHI-00127.

Regulatory Information:

Part A Permit Application Written:	No	Interim Closure Plan Written:	No
Part B Permit Application Written:	No	Covered under TPA Action Plan:	No
Registered Class V Underground Injection Well:	No	Solid Waste Management Unit:	No
		Air/Water Permit Written:	No

TPA Waste Management Unit Type:

Regulatory Authority: CERCLA Past Practice

TSD Number:

References:

1. Ecology, 8/28/95, Redesignation of 100-HR-1 and 100-DR-1 Operable Units (OUs) from RCRA Past Practice Units to CERCLA Past Practice Units, TPA C-95-01A.

Waste Information:

Type: Process Effluent

Category: Radioactive

Physical State: Solid

Amount:

Units:

Reported Date:

Start Date:

End Date:

Description: The waste consisted of airborne radioactive particulates released through the 105-H stack.

References: 1. J. M. Selby and J. K. Soldat, 1-25-58, Summary of Environmental Contamination Incidents at Hanford, 1952-1967, HW-54636.

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: 1859

Site Alias(es): 100-H-19, Undocumented Unplanned Airborne Release: Stack Emmission No.2

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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(n) 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 residential 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.

<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>	
<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: This site does not require action to mitigate an environmental impact. The short-lived radionuclides released in 1955 have decayed and there are no posted areas related to the release.

John P. Shear
ERC Data Management Investigator

2/5/97
Date

Keith A. ...
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.)

Discovery Site ID Number: 1859

Site Alias(es): 100-H-19, Undocumented Unplanned Airborne Release: Stack Emission No.2

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p> <p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: This site does not require action to mitigate an environmental impact. The short-lived radionuclides released in 1955 have decayed and there are no posted areas related to the release.

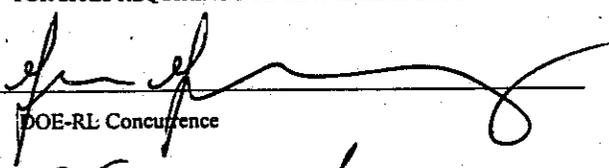
ERC Data Management Investigator

Date

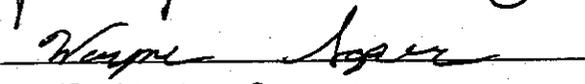
Regulatory Compliance Concurrence

Date

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


DOE-RL Concurrence

8/8/97
Date


Lead Regulatory Agency Concurrence

8-8-97
Date

Physical State: Solid

Amount:

Units:

Reported Date: 1956

Start Date:

End Date:

Description: The 107-H Liquid Waste Disposal Trench received highly contaminated cooling water from the 107-H Retention Basin. The mud used by the swallows would have contained radioactive contamination from fuel element rupture.

References:

1. J. M. Selby and J. K. Soldat, 1-25-58, Summary of Environmental Contamination Incidents at Hanford, 1952-1967, HW-54636.
2. D.H. Deford, M.W. Einan,, Feb 1995, 100-H Area Technical Baseline Report, BHI-00127.

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: 1860

Site Alias(es): 100-H-20, Undocumented Unplanned Release: Swallow Nests and Droppings

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO <input type="radio"/> <input checked="" type="radio"/></p>

Comments: This site does not require action to mitigate an environmental impact. There is no remaining evidence of the nests or other releases and no areas are posted.

[Signature]
ERC Data Management Investigator

2/5/97
Date

[Signature]
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.)

Discovery Site ID Number: 1860

Site Alias(es): 100-H-20, Undocumented Unplanned Release: Swallow Nests and Droppings

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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.

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES NO <input type="radio"/> <input checked="" type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>	
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 <input type="radio"/> n <input checked="" type="radio"/> 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 <input type="radio"/> <input checked="" type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES NO <input type="radio"/> <input checked="" type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES NO <input type="radio"/> <input checked="" type="radio"/>
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 <input type="radio"/> <input checked="" type="radio"/>

Comments: This site does not require action to mitigate an environmental impact. There is no remaining evidence of the nests or other releases and no areas are posted.

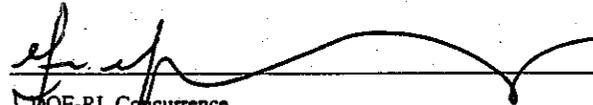
ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

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


DOE-RL Concurrence

8/8/97
Date


Lead Regulatory Agency Concurrence

8-8-97
Date

Site Names: 100-H-26, Grounds Surrounding Deactivated Areas, Exclusion Area

Site Desc: The grounds within the 100-H exclusion area that are not part of other waste sites.

Assoc Struct:

Site Type: Unplanned Release

Start Date:

Status: Inactive

End Date:

Programmatic Responsibility:

Coordinates:

Operable Unit: 100-HR-1

(E) 0

Hanford Area: 100H

(N) 0

Site Accessible: No

Washington State Plane

Access Req:

Site Hazards:

Location Desc:

Env. Mon Desc: The RARA (Radiation Area Remedial Action) program is responsible for surveillance and maintenance activities. The exclusion areas are to be kept free from radiological contamination and vegetation.

Release Desc:

Release Potential Desc:

Process Desc:

Cleanup Activities:

Site Comment:

- References:
- 1. W.M. Hayward, 10-30-95, RARA FY 1995 Summary Report, BHI-00621.
 - 2. Johnson, T.F. to K.L. Schardein, 3/28/96, cc:Mail - RARA Grounds Surrounding Deactivated Areas.

Regulatory Information:

Part A Permit Application Written: No

Interim Closure Plan Written: No

Part B Permit Application Written: No

Covered under TPA Action Plan: Unknown

Registered Class V Underground Injection Well: No

Solid Waste Management Unit: No

Air/Water Permit Written: No

TPA Waste Management Unit Type:

Regulatory Authority:

TSD Number:

References:

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: 3742

Site Alias(es): 100-H-26, Grounds Surrounding Deactivated Areas, Exclusion Area

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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.

<p>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 <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>	
<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p>	
<p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: This not a waste site but rather an area where the RARA organization performs routine surveillance and maintenance.

Jeffrey P. Shew
 ERC Data Management Investigator

1/8/97
 Date

Keith Schanda
 Regulatory Compliance Concurrence

1/9/97
 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.)

Discovery Site ID Number: 3742

Site Alias(es): 100-H-26, Grounds Surrounding Deactivated Areas, Exclusion Area

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input checked="" type="radio"/>

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 residential 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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p> <p>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 <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments: This not a waste site but rather an area where the RARA organization performs routine surveillance and maintenance.

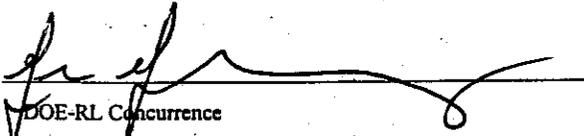
ERC-Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

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


DOE-RL Concurrence

8/8/97
Date


Lead Regulatory Agency Concurrence

8-8-97
Date

Environmental Sites Database

General Summary Report

07-Aug-97

Site Code: 100-H-15 Site Classification: Rejected Page 1

Site Names: 100-H-15, Possible Septic Tank & Tile Field, 100-H-25

Site Desc: The site appears in a photograph taken in 1950 as a rectangular site enclosed by a white rail fence. In the photograph, a line of disturbed soil is visible extending from the east end of the fenced area to a point near the southeast corner of the 151-H Electrical Substation. It appears to terminate at a manhole associated with the 1607-H1 septic tank.

07/09/97

Assoc Struct:

12/26/95

Site Type: Septic Tank

10/18/96

Start Date:

Status: Inactive

10/18/96

End Date:

Programmatic Responsibility:

Coordinates:

Operable Unit: 100-HR-2

(E) 577416.938

Hanford Area: 100H

(N) 152499.422

Site Accessible: No

Washington State Plane

Access Req:

Site Hazards:

Location Desc: The site is located east of the southeast corner of the 151-H electrical substation site, at or very near the location of 118-H-2 Burial Ground (see Site Comment).

07/09/97

Env. Mon Desc:

Release Desc:

Release Potential Desc:

Process Desc:

Cleanup Activities:

Site Comment: According to the 100-H area Technical Baseline Report, the site is visible in Hanford Photos 106 and 682. Photograph 106, taken on September 26, 1950, is an aerial photograph that shows the site as described. Photograph 682, taken on April 13, 1950, is of a gas bottle delivery truck and does not appear to be related to the site in any way.

08/07/97

The authors of the technical baseline report concluded that this site had the appearance of a septic tank, but noted that the site was very close to the 1607-H1 Septic Tank and that it would be unlikely that two septic systems would have been needed in such close proximity. Part of the basis for their conclusion was that the line of disturbance seen in photograph 106 ended near a manhole.

On March 13, 1996, an area between the 1607-H1 Septic System and the 118-H-2 Burial Ground was walked down and no evidence of a second septic system was found. On March 29, 1996, the manhole was opened and determined to be the tie-in from the 151-H and 105-H buildings to the 1607-H1 septic system as shown in drawing M-1904-H Sheet 3. There was no evidence of a line running to the west from the manhole.

The site's location as indicated in photograph 106 was compared with the mapped location of the 118-H-2 Burial Ground. The sites appear to have similar locations and dimensions. A thorough review of drawings related to septic systems and underground lines at 100-H failed to identify anything at the described location except the 118-H-2 site.

It has been concluded that 100-H-15 and 118-H-2 are the same site. It is important to note that a discrepancy does exist. The photograph was taken in 1950 and the 118-H-2 site is documented as starting in 1955. It is unclear why the area would have been fenced off five years prior to the site's use.

- References:
1. D.H. Deford, M.W. Einan., Feb 1995, 100-H Area Technical Baseline Report, BHI-00127.
 2. TF Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.
 3. 9/26/50, 100-H Aerial Photograph, Photo #106.
 4. Carpenter, R. W., 4/1/96, From the Desk of: RW Carpenter - Subject - 100-H Area, Suspecte Waste Site, Type Unknown., FDO:04-01-96.
 5. General Electric, SANITARY AND PROCESS SEWERS (NO OFFICIAL TITLE), M-1904-H Sheet 3.

Dimensions:

Length:	45.72 Meters	150.00 Feet	09/15/95
Width:	9.14 Meters	30.00 Feet	09/15/95
Depth / Height:	Meters	Feet	
Overburden Depth:	Meters	Feet	
Diameter:	Meters	Feet	
Sq. Area:	sqMeters	sqFeet	
Est. Volume:	cuMeters	cuFeet	
Capacity:	Liters	Gallons	
Site Shape:			

- References: 1. D.H. Deford, M.W. Einan., Feb 1995, 100-H Area Technical Baseline Report, BHI-00127.

Regulatory Information:

Part A Permit Application Written:	No	01/15/97	Interim Closure Plan Written:	No	01/15/97
Part B Permit Application Written:	No	01/15/97	Covered under TPA Action Plan:	Unknown	
Registered Class V Underground Injection Well:	No		Solid Waste Management Unit:	No	
			Air/Water Permit Written:	No	

TPA Waste Management Unit Type:

Regulatory Authority:

TSD Number:

References:

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: 1875

Site Alias(es): 100-H-15, Possible Septic Tank & Tile Field, 100-H-25

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input type="radio"/>

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 residential 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

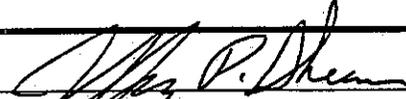
IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

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.

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/></p>	
<p>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 <input type="radio"/> n <input type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>
<p>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)</p>	<p>YES NO</p> <p><input type="radio"/> <input type="radio"/></p>

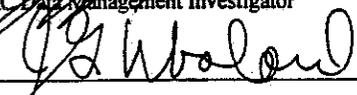
Comments: The site is not a septic tank. It is a duplicate of the 118-H-2 site. It is classified as Not a Waste Management Unit because the waste at the site is accounted for with the 118-H-2 site. Since the site is a duplicate, the main body of the checklist is not filled out because it is not applicable.



ERC Data Management Investigator

8/6/97

Date

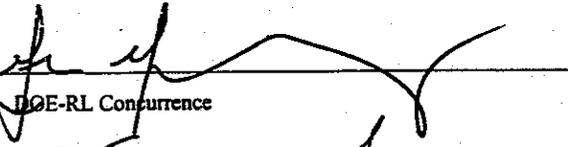


Regulatory Compliance Concurrence

8/7/97

Date

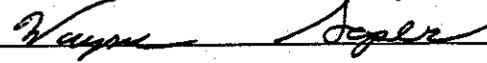
FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001



DOE-RL Concurrence

8/8/97

Date



Lead Regulatory Agency Concurrence

8-8-97

Date

Distribution
Unit Manager's Meeting: Remedial Action Unit/Source Operable Units
100, 200, and 300 Areas

050479

Nancy Werdel DOE-RL, RP (H0-12)
 Mike Thompson DOE-RL, RP (H0-12)
 Glenn Goldberg DOE-RL, RP (H0-12)
 Owen Robertson DOE-RL, RP (H0-12)
 Rich Holten DOE-RL, RP (H0-12)
 Bryan Foley DOE-RL, RP (H0-12)
 Robert McLeod DOE-RL-RP (H0-12)
 Ellen Mattlin DOE-RL, EAP (A5-15)
 Steve Balone DOE-RL, RPS (H0-12)

Lisa Treichel DOE-HQ (EM-442)
 Rich Person DOE-HQ (EM-442)

Dennis Faulk 100 Aggregate Area Manager, EPA (B5-01)
 David Einan EPA (B5-01)
 Pam Innis EPA (B5-01)
 Larry Gadbois EPA (B5-01)

Phil Staats 100 Aggregate Area Manager, WDOE (B5-18)
 Joan Bartz WDOE (Kennewick) (B5-18)
 David Holland WDOE (Kennewick) (B5-18)
 Keith Holliday WDOE (Kennewick) (B5-18)
 Shri Mohan WDOE (Kennewick) (B5-18)
 Wayne Soper WDOE (Kennewick) (B5-18)
 Ted Wooley WDOE (Kennewick) (B5-18)
 Chuck Cline WDOE (Lacey)

Lynn Albin Washington Dept. of Health

V. R. Dronen BHI (H0-17)
 G. O. Gesell BHI (H0-17)
 J. R. James BHI (H0-17)
 T. L. Rodriguez BHI (H0-17)
 J. G. Woolard BHI (H0-17)
 C. E. Corriveau BHI (H0-17)
 C. W. Hedel BHI (H0-17)
 S. W. Clark ERC (H9-03)
 L. A. Dietz BHI (H0-20)
 R. L. Donahoe BHI (X9-06)
 F. M. Corpuz BHI (X9-06)
 G. B. Mitchem BHI (H0-17)
 C. R. Johnson BHI (L6-06)
 R. A. Carlson BHI (L6-06)
 Walter Remsen BHI (H0-17)
 L. C. Hulstrom CHI (H9-03)
 M. J. Galgoul CHI (H9-03)
 Alvina Goforth BHI DCC (H0-09)
 T. M. Wintczak BHI (H0-11)