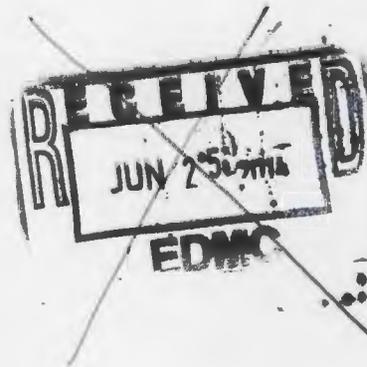
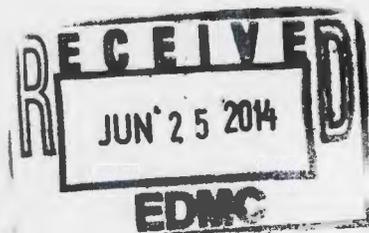


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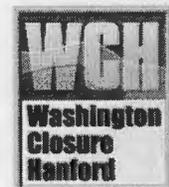
100-N Area Treatment, Storage, and Disposal Units Contingency Plan

June 2014



Washington Closure Hanford

Prepared for the U.S. Department of Energy, Richland Operations Office
Office of Assistant Manager for River Corridor



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Author Name: D. G. Saueressig

Approval: R. D. Cantwell, Closure Operations Project Director



Signature

6/23/14

Date

The approval signature on this page indicates that this document has been authorized for information release to the public through appropriate channels. No other forms or signatures are required to document this information release.

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and Disposal Units Contingency
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June 2014

Author:

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REVISION HISTORY

Revision	Date	Reason for revision	Revision initiator
5	06/2014	Changes made to clarify that CERCLA cleanup actions are complete and no hazards remain, remove the Building Warden contact for the D4 organization, to remove the D4 staging area map update Closure Operations staging area map and remove emergency equipment, communications and personal protective equipment list.	D. Saueressig
4	12/2010	Changes made to update D4 and FR Building Warden contacts and include the Field Remediation staging area map.	D. Saueressig
3	12/2009	Changes made to update the D4 Building Warden contact, the location of spill control equipment, clarify the status of the 1301-N TSD and to make minor editorial changes.	D. Saueressig
2	01/2007	Changes throughout document to reflect D4 and field remediation work being conducted at 1301-N.	M. L. Proctor
1	09/2006	Section 3.0 was revised to reflect building warden changes.	M. L. Proctor

1.0 INTRODUCTION

This contingency plan has been prepared to demonstrate compliance with Hanford *Resource Conservation and Recovery Act (RCRA) Permit Condition II.A.2, Washington Administrative Code (WAC) 173-303-350, "Contingency Plan and Emergency Procedures,"* for specific RCRA treatment, storage, and disposal (TSD) units located in the 100-N Area. This contingency plan will be used in conjunction with DOE/RL-94-02, *Hanford Emergency Management Plan*, in order to satisfy regulatory requirements. A copy of this contingency plan will be maintained at the 100-N Area. All *Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)* remedial actions associated with these RCRA TSD units have been completed; there are no hazardous materials or hazards associated with these units remaining at the 100-N Area. Therefore, no emergency equipment, communications devices, or personal protective equipment are required to be available for the units addressed in this plan. This plan will remain in place until RCRA closure of the units are complete and documented in the Hanford Facility RCRA Permit.

2.0 UNIT DESCRIPTIONS

For detailed unit-specific descriptions, see individual Part A Permits. Additionally, each of these TSD units is in Part V of the RCRA Permit.

1301-N

On December 27, 2000, the Washington State Department of Ecology (Ecology) granted a contained-in determination for F003 (methanol) contaminated soil and debris for the 1301-N TSD unit. This unit completed excavation operations in 2005 and was backfilled in the spring/summer of 2006, with revegetation completed in December 2006. A cleanup verification package (CVP) (CVP-2006-00004), which documented cleanup, was submitted to Ecology in May 2006. In April 2008, it was agreed that a revised CVP would be submitted to Ecology including an additional evaluation of accumulated historical information on the waste site (e.g., groundwater monitoring data and deep vadose zone data). The CVP was revised in March 2009 and was approved by Ecology in April 2009. Portions of the TSD unit remain to be closed (i.e., underground ancillary piping). All CERCLA remedial actions associated with this ancillary piping are complete and the closure documentation has been approved by Ecology (CVP-2013-00001); however, backfill and revegetation activities remain to be completed.

1325-N

On December 27, 2000, Ecology granted a contained-in determination for F003 (methanol) contaminated soil and debris for the 1325-N TSD unit. Closure activities at 1325-N were completed in January 2005 in accordance with WAC 173-303-610, "Closure and Post-Closure," and the approved *Treatment, Storage, and Disposal Units Corrective Measures Study/Closure Plan* (DOE/RL-96-39). Certification of closure for 1325-N was submitted to Ecology on April 19, 2005. On April 25, 2005, the 1325-N survey plat was submitted to Ecology. Ecology approved the *Cleanup Verification Package/Clean Closure Report for the Soil Column of the 116-N-3 Trench, Crib, and 100-N-63:1 Pipeline* (CVP-2002-00002), which documents the completion of the remedial action and verifies attainment of the remedial action goals.

1324-N/1324-NA

Closure activities at the 1324-N Surface Impoundment and 1324-NA Percolation Pond were completed in January 2003, in accordance with WAC 173-303-610 and the approved *Treatment, Storage, and Disposal Units Corrective Measures Study/Closure Plan* (DOE/RL-96-39). Certification of closure for the 1324-N Surface Impoundment and 1324-NA Percolation Pond was submitted to Ecology on February 7, 2003. Certification of closure and the Notice in Deed was submitted to Ecology on April 8, 2003. A permit modification was submitted to Ecology to move the 1324-N Surface Impoundment and 1324-NA Percolation Pond into Part VI, Post Closure in January 2004. In January 2005, the permit modification was denied because Ecology had not approved a Post-Closure Groundwater Monitoring Plan for these units. Upon Ecology's approval of the Post-Closure Groundwater Monitoring Plan, Ecology should approve the Certification of Closure documentation.

3.0 LIST OF EMERGENCY PERSONNEL

Response to events and emergencies will be directed by the Building Warden (BW). The BW is the Emergency Coordinator who has authority to authorize resources to respond to an abnormal incident or emergency. A full listing of primary and alternate BWs is posted at applicable emergency bulletin boards and is updated as needed. Due to its dynamic nature, the full BW list is not included in this document. If the BW list below changes, the Emergency Operations Center maintains the Hanford Site Emergency Services Weekly On-Call Directory up to date at all times, which includes the BW for the 100-NR-1 TSD unit. The following identifies the current primary BW information for the 100-NR-1 Project.

1324-N/NA, 1301-N, 1325-N

Designation	Name	Location	Telephone
BW	Ron Morris	MO-098	539-0279

4.0 LIST OF EMERGENCY EQUIPMENT: LOCATION, PHYSICAL DESCRIPTION, AND CAPABILITIES

Based on the current condition and status of the 1324-N/NA, 1301-N, and 1325-N TSD units identified in this plan, no unit-specific emergency equipment is required.

4.1 PERSONAL PROTECTIVE EQUIPMENT

Due to the current condition and status of the 1324-N/NA, 1301-N, and 1325-N TSD units identified in this plan, and the hazards involved, no emergency protective equipment is necessary.

4.2 SPILL CONTROL AND CONTAINMENT SUPPLIES

No waste is being discharged to any of the TSD units, and there is no possibility of spilling hazardous material at these units. However, due to the Closure Operations activities at 1301-N, the following spill kit/spill control equipment is available during backfill of the pipeline site.

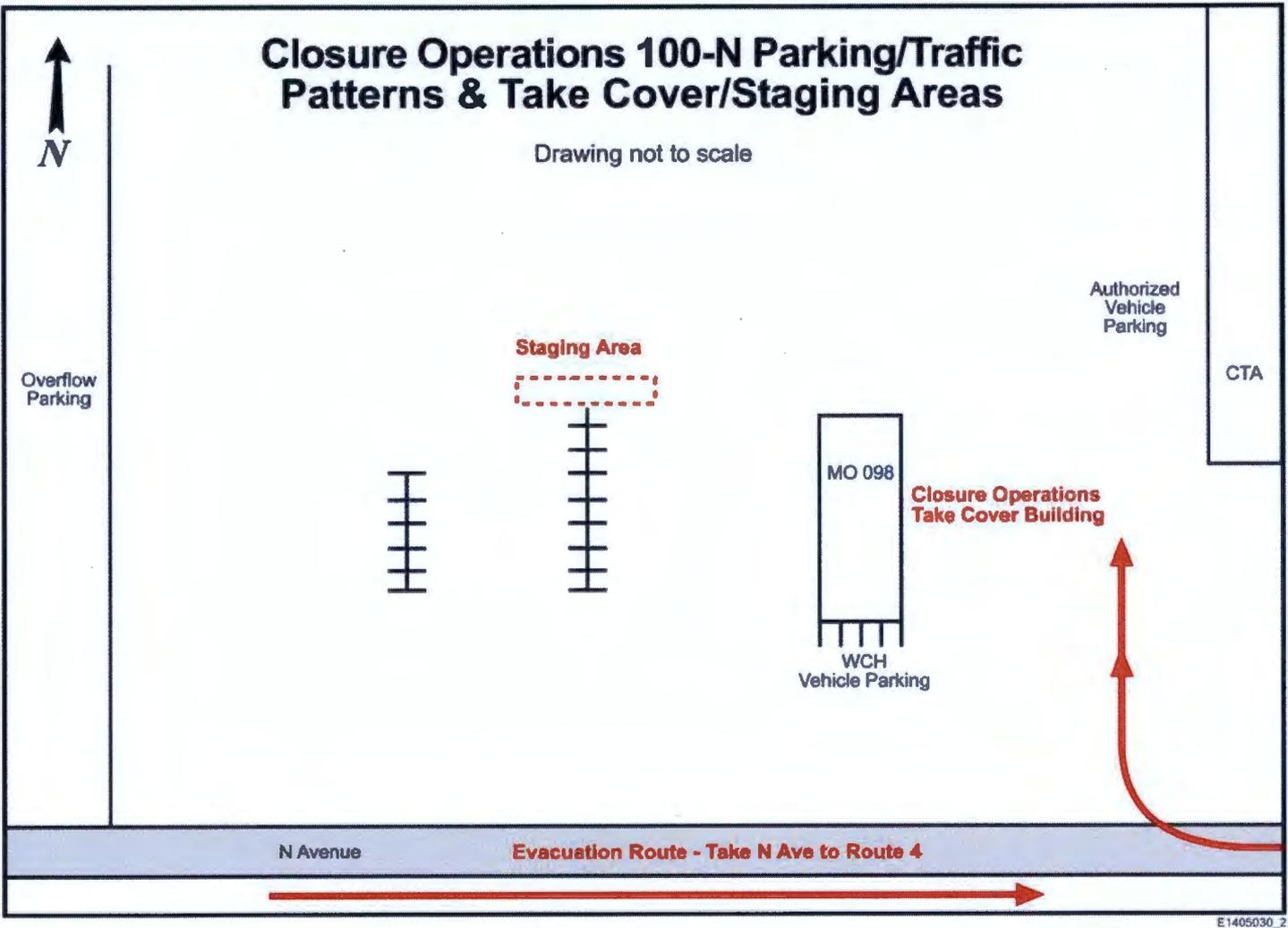
1324-N/NA and 1325-N Spill Kits and Spill Control Equipment		
Type	Location	Capability
None	N/A	N/A

1301-N Spill Kits and Spill Control Equipment		
Type	Location	Capability
Spill kit	Near active backfill sites	Cleanup oils, fuels, and other liquid releases

5.0 EVACUATION

For RCRA contingency plan purposes, and due to the current condition and status of the TSD units identified in this plan and the hazards involved, no specific evacuation plan is necessary. However, evacuation information is posted at emergency bulletin boards to address other emergencies that may take place on the Hanford Site. In the event of an emergency at the 100-N Area, Closure Operations personnel shall evacuate by the route shown on the map in Figure 1.

Figure 1. Location of 100 Area Closure Operations Staging Areas and Evacuation Routes.



6.0 CONTINGENCY PLAN IMPLEMENTATION

The BW shall use the following guidelines to determine if an event has met the requirements of WAC-173-303-360(2)(d):

1. The event involved an unplanned spill, release, fire, or explosion
- 2a. The unplanned spill or release involved a dangerous waste, or the material involved became a dangerous waste as a result of the event (e.g., product that is not recoverable)

or
- 2b. The unplanned fire or explosion occurred at a facility or transportation activity subject to RCRA contingency plan requirements
3. Time-urgent response from an emergency services organization was required to mitigate the event, or a threat to human health or the environment exists.

7.0 WAC 173-303-350 CROSSWALK

The WAC 173-303-350 requirements for a contingency plan are satisfied in portions of the DOE/RL-94-02, *Hanford Emergency Management Plan*. Contingency plan and emergency procedures requirements of WAC 173-303-350 are addressed by the following:

A description of the actions that facility personnel must take to comply with WAC 173-303-350 and WAC 173-303-360 ("Emergencies"). (WAC 173-303-350[3][a])	DOE/RL-94-02, <i>Hanford Emergency Management Plan</i> , Section 1.3.4 contains the description as required.
A description of the actions that will be taken in the event that a dangerous waste shipment, which is damaged or otherwise presents a hazard to the public health and the environment, arrives at the facility, and is not acceptable to the owner or operator, but cannot be transported, pursuant to the requirements of WAC 173-303-370(5), "Manifest System," reasons for not accepting dangerous waste shipments. (WAC 173-303-350[3][b])	This requirement is not applicable as the units are no longer operating and no dangerous waste shipments are received at the units.
A description of the arrangements agreed to by local police departments, fire departments, hospitals, contractors, and state and local emergency response teams to coordinate emergency services as required in WAC 173-303-340(4). (WAC 73-303-350[3][c])	DOE/RL-94-02, <i>Hanford Emergency Management Plan</i> , Section 3.7 and Table 3-1 contain the description as required.
A current list of names, addresses, and telephone numbers (office and home) of all persons qualified to act as the emergency coordinator required under WAC 173-303-360(1). Where more than one person is listed, one must be named as primary emergency coordinator, and others must be listed	DOE/RL-94-02, <i>Hanford Emergency Management Plan</i> , Section 2.2 contains the information as required. In addition, see Section 3.0 of this plan.

<p>in the order in which they will assume responsibility as alternates. For new facilities only, this list may be provided to the department at the time of facility certification. (WAC 173-303-350[3][d])</p>	
<p>A list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems, and decontamination equipment), where this equipment is required. This list must be kept up to date. In addition, the plan must include the location and a physical description of each item on the list, and a brief outline of its capabilities. (WAC 173-303-350[3][e])</p>	<p>DOE/RL-94-02, <i>Hanford Emergency Management Plan</i>, Appendix C, Hanford Fire Department Equipment List, contains the list of applicable emergency equipment. Also see Section 4.0 of this plan.</p>
<p>An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan must describe the signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes. (WAC 173-303-350[3][f])</p>	<p>DOE/RL-94-02, <i>Hanford Emergency Management Plan</i>, Table 5-1 contains applicable evacuation instructions, including signals, their meanings, and normal response actions. In addition, Hanford General Employee Training (HGET) provided to all employees includes training on signals and their meanings. Site-wide evacuation routes are contained in DOE/RL-94-02, Figure 7-3. Also see Section 5.0 of this plan.</p>

8.0 REFERENCES

CVP-2002-00002, 2002, *Cleanup Verification Package/Clean Closure Report for the Soil Column of the 116-N-3 Trench, Crib, and 100-N-63:1 Pipeline*, Rev. 0, Bechtel Hanford, Inc., Richland, Washington.

CVP-2006-00004, 2009, *Cleanup Verification Package/Clean Closure Report for the Soil Column of the 116-N-1 Crib and Trench*, Rev. 1, Washington Closure Hanford, Richland, Washington.

DOE/RL-94-02, *Hanford Emergency Management Plan*, latest version, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

DOE/RL-96-39, 2002, *Treatment, Storage, and Disposal Units Corrective Measures Study/Closure Plan*, Rev. 1, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

Resource Conservation and Recovery Act of 1976, 42 U.S.C. 6901, et seq.

WAC 173-303, "Dangerous Waste Regulations," *Washington Administrative Code*, as amended.

WAC 173-303-340, "Preparedness and Prevention," *Washington Administrative Code*, as amended.

WAC 173-303-350, "Contingency Plan and Emergency Procedures," *Washington Administrative Code*, as amended.

WAC 173-303-360, "Emergencies," *Washington Administrative Code*, as amended.

WAC 173-303-370, "Manifest System," *Washington Administrative Code*, as amended.

WAC 173-303-610, "Closure and Post-Closure," *Washington Administrative Code*, as amended.

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