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PART V, CLOSURE UNIT GROUP 8
CONDITIONS
600 AREA PURGE WATER STORAGE AND TREATMENT FACILITY UNIT

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PART V, CLOSURE UNIT GROUP 8

CONDITIONS

600 AREA PURGEWATER STORAGE AND TREATMENT FACILITY, UNIT 1

UNIT DESCRIPTION

The 600 Area Purgewater Storage and Treatment Facility (PSTF), Unit 1 is an aboveground, open containment unit located at the Hanford Site. The unit is regulated as a dangerous waste treatment, storage and disposal facility. Unit 1 contains liquids associated with Hanford purgewater generated from purging monitoring wells, drilling and construction of new wells, pumping tests, and periodic cleaning and renovations of wells. PSTF Unit 1 has been in operation for approximately 20 years. The purgewater is treated using solar evaporation to reduce the volume of water. Along with the purgewater, solids are deposited as sediment in the unit. Windblown silt has accumulated as part of the sediment.

Unit 1 will be closed in accordance with this closure plan. Requirements in this permit demonstrate compliance with [WAC 173-303-610](#), Closure and Post Closure. The PSTF is considered a miscellaneous unit [[WAC 173-303-680](#)] based on the closure standards applicable to surface impoundments in [WAC 173-303-650](#)(6), Closure and Post Closure Care for units closing by removal or decontamination. The closure plan includes the requirements and activities that will be conducted for closure of Unit 1 by removal in accordance with the dangerous waste regulations, including the Environmental Restoration Disposal Facility waste acceptance criteria.

LIST OF ADDENDA

Addendum A	Part A Form, 10/1/2008
Addendum B	WAP (Reserved)
Addendum C	Process Information (Reserved)
Addendum D	Groundwater Monitoring (Reserved)
Addendum E	Security (Reserved)
Addendum F	Preparedness and Prevention (Reserved)
Addendum G	Training Plan (Reserved)
Addendum H	Closure Plan with Sampling and Analysis Plan, dated 2/17/2010
Addendum I	Inspection Plan (Reserved)

DEFINITIONS

Reserved

ACRONYMS

Reserved

V.8.A COMPLIANCE WITH CLOSURE GROUP #8

The Permittees will comply with all conditions in this Chapter, its Addenda, and applicable requirements in Part I and II. In the event that a Unit-Specific Permit Condition conflicts with Permit Conditions in Parts I or II of this Hanford Facility Dangerous Waste Permit, the Unit-Specific Conditions will prevail.

1 **V.8.B CLOSURE**

2 **V.8.B.1.** The Permittees will close the Purgewater Storage and Treatment Facility Unit 1
3 (PSTF), in accordance with Permit Addendum H, Closure Plan, and Permit
4 Condition II.J. [[WAC 173-303-610\(4\)](#)]
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