

1  
2  
3  
4

**PART V, CLOSURE UNIT GROUP 9 CONDITIONS**  
**207-A SOUTH RETENTION BASIN**

DRAFT

1  
2  
3  
4

**This page intentionally left blank.**

DRAFT

**PART V, CLOSURE GROUP 9 CONDITIONS**

**207-A SOUTH RETENTION BASIN**

**UNIT DESCRIPTION**

The 207-A South Retention Basin (207-A-SRB) are man-made surface impoundments (concrete constructed basins with an elastomer lining). The 207-A-SRB, also known as Process Condensate Basins 1, 2, and 3, was used for the interim storage of the 242-A Evaporator process condensate to allow for sampling and analysis prior to discharge to the 216-A-37-1 Crib. The 207-A-SRB have not received liquid waste since April 1989. The nature and approximate quantity of mixed waste managed by the 207-A SRB is known and identified on the Part A Form.

Because the 207-A-SRB has received a known final volume of dangerous waste, and the unit will not receive any additional non-dangerous waste, this unit will close according to the requirements and schedules in the approved closure plan in this chapter of the Permit.

**LIST OF ADDENDA**

Addendum A	Part A Form
Addendum B	Sampling and Analysis Plan – Reserved
Addendum C	Process Information – Reserved
Addendum D	Groundwater Monitoring Plan – Reserved
Addendum E	Security Requirements - Reserved
Addendum F	Preparedness and Prevention Plan – Reserved
Addendum G	Personnel Training
Addendum H	Closure Plan and Post-Closure Plan – Reserved
Addendum I	Inspection Schedule
Addendum J	Contingency Plan – Reserved

**DEFINITIONS**

Reserved

**ACRONYMS**

Reserved

- 1 **V.9.A COMPLIANCE WITH PERMIT CONDITIONS**
- 2 The Permittees will comply with all permit conditions in this Chapter and its addenda  
3 with respect to the applicable requirements in Part I and Part II of the Hanford Facility  
4 Dangerous Waste Permit.
- 5 **V.9.B CLOSURE**
- 6 **V.9.B.1** The Permittees will submit a closure plan and post-closure plan in accordance with the  
7 schedule specified in HFFACO Milestone M-037-02, which are incorporated by  
8 reference herein under the terms of Permit Condition I.A.4 and in compliance with  
9 Permit Condition I.C.3. As part of the closure plan, the Permittees will address  
10 contingent closure and contingent post-closure requirements. The contingent closure and  
11 post-closure section will include time frames of when detailed plans of a landfill cover  
12 would be submitted for Ecology review and approval and when the construction of the  
13 landfill cover would begin once the Permittees have determined the unit cannot meet  
14 clean closure standards. .
- 15 **V.9.B.2** The Permittees will submit site specific biological and cultural resources reviews ) 90  
16 days before the beginning of the closure process [[WAC 173-303-815](#)(2)(b)(i)].
- 17 **V.9.B.3** The closure plan required by V.9.B.1 will include a schedule for closure that will achieve  
18 the HFFACO milestone date in Milestone M-037-10, as incorporated above . This unit  
19 will also close under a compliance schedule per [WAC 173-303-815](#)(3)(b).
- 20 **V.9.B.4** The closure plan submitted pursuant to V.9.B.1 will specify dangerous constituents and  
21 corresponding closure performance standards to meet the requirements of [WAC 173-303-](#)  
22 [610](#)(2)(b)(i) for soils affected by the operations associated with this unit.
- 23 **V.9.B.5** Closure performance standards for soils will satisfy the most stringent (lowest) cleanup  
24 level or standard of [WAC 173-340](#), Model Toxics Control Act (MTCA) Cleanup  
25 Regulation. The numeric cleanup levels for soils will be calculated according to the  
26 MTCA cleanup methods described in [WAC 173-340-700](#) through [WAC 173-340-760](#).  
27 Selection of an appropriate MCTA cleanup method will be dependent on the specific  
28 cleanup actions required for this site.
- 29 **V.9.B.6** Once the closure plan is incorporated into Addendum H through the permit modification  
30 process, the Permittees will close the 207-A-SRB according to the requirements in  
31 Addendum H. [[WAC 173-303-610](#)(3)(a)]
- 32 **V.9.B.7** The closure plan and sampling and analysis plan will meet the applicable closure and  
33 post-closure requirements of [WAC 173-303-610](#) and [WAC 173-303-650](#)(6) pursuant to  
34 the requirements of this Chapter.
- 35 **V.9.B.8** In conjunction with the revised closure plan, the Permittees will submit a revised  
36 sampling and analysis plan, if necessary to achieve clean closure, in accordance with  
37 Permit Condition II.D and the schedule specified in HFFACO Milestone M-037-02,  
38 which are incorporated by reference herein under the terms of Permit Condition I.A.4.
- 39 **V.9.B.9** The revised sampling and analysis plan (noted in V.9.B.7) will include, but not be limited  
40 to:
- 41 **V.9.B.9.a** Process for identifying contaminants
- 42 **V.9.B.9.b** Quality assurance/quality control project plan
- 43 **V.9.B.9.c** Methods for representative soil sampling
- 44 **V.9.B.9.d** Analysis parameters

- 1 **V.9.B.9.e** Analytical documentation
- 2 **V.9.B.10** The Permittees will conduct all sampling and analysis of environmental media pursuant  
3 to the requirements of the sampling and analysis plan.
- 4 **V.9.C** **POST-CLOSURE CARE AND MAINTENANCE**
- 5 Upon certification of unit closure the Permittees will comply with the post-closure plan in  
6 Addendum H.
- 7 **V.9.D** **GENERAL WASTE MANAGEMENT REQUIREMENTS**
- 8 **V.9.D.1** All waste analysis required by this chapter will be conducted according to the approved  
9 sampling and analysis plan.
- 10 **V.9.D.2** Changes to the analytical methods used in this permit will require prior Ecology approval  
11 according to [WAC 173-303-830](#), Permit Changes.
- 12 **V.9.E** **RECORDKEEPING AND REPORTING**
- 13 The Permittees will place documentation of all work conducted pursuant to this Chapter  
14 including results of all monitoring, testing, or analytical work and associated quality  
15 assurance and quality control data in the Hanford Facility Operating Record, as required  
16 by Permit Condition II.I.2. [[WAC 173-303-380](#)]
- 17 **V.9.F** **SECURITY**
- 18 The Permittees will post signs at access points to the 207-A-SRB stating the following (or  
19 an equivalent legend): Danger – Unauthorized Personnel Keep Out. These signs will be  
20 written in English, legible from a distance of 7.6 meters (25 feet), and visible from all  
21 angles of approach. [[WAC 173-303-310\(2\)\(a\)](#)]
- 22 **V.9.G** **PREPAREDNESS AND PREVENTION**
- 23 Reserved
- 24 **V.9.H** **CONTINGENCY PLAN**
- 25 Reserved
- 26 **V.9.I** **INSPECTIONS**
- 27 **V.9.I.1** The Permittees will follow the inspection schedule in Addendum I and Permit Condition  
28 II.X until closure of the unit.
- 29 **V.9.I.2** In the event of any potential threats to human health or the environment, the Permittees  
30 will increase inspections to quarterly until the threats are removed.
- 31 **V.9.J** **TRAINING PLAN**
- 32 The Permittees will comply with the training requirements as described in Permit  
33 Condition II.C (Personnel Training), Permit Attachment 5 (Hanford Facility Personnel  
34 Training Plan), and Addendum G (Personnel Training).
- 35

1  
2  
3

**This page intentionally left blank.**

DRAFT