

Hanford Facility RCRA Permit Modification Notification Form

Unit:
PUREX Storage Tunnels

Permit Part & Chapter:
Part III, Chapter 3 and Attachment 28

Description of Modification:

Chapter 1.0, Part A, Form 3: Replace the Part A, Form 3, Revision 5 with the attached Part A, Form 3, Revision 5A. The Part A, Form 3, was modified to change the storage code from S05 to X99 due to regulation updates for miscellaneous units.

Replace Chapter 1.0 with the attached Chapter 1.0:

Modification Class: ¹²³	Class 1	Class ¹ 1	Class 2	Class 3
Please check one of the Classes:	X			

Relevant WAC 173-303-830, Appendix I Modification: A.1.

Enter wording of the modification from WAC 173-303-830, Appendix I citation

- A. General Permit Provisions
 - 1. Administrative and informational changes

Submitted by Co-Operator: <i>JHP</i> <i>Revs</i> N. C. Boyter Date 9.14.00	Reviewed by RL Program Office: D. T. Evans Date 10/5/00	Reviewed by Ecology: F. W. Bond Date 12-12-00	Reviewed by Ecology: L.E. Ruud Date 12/14/00
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¹Class 1 modifications requiring prior Agency approval.

² This is only an advanced notification of an intended Class ¹1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

³ If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to ¹1, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form									
Unit: PUREX Storage Tunnels					Permit Part & Chapter: Part III, Chapter 3 and Attachment 28				
Description of Modification: Chapter 1.0, Part A, Form 3: Replace the Part A, Form 3, Revision 5 with the attached Part A, Form 3, Revision 5A. The Part A, Form 3, was modified to change the storage code from S05 to X99 due to regulation updates for miscellaneous units. Sections III and III.C:									
III. PROCESS – CODES AND DESIGN CAPACITIES (continued)									
Example for Completing Section III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks; one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.									
Line No.	A. Process Code (from list above)				B. Process Design Capacity				For Official Use Only
					I. Amount (Specify)		2. Unit of Measure (enter code)		
X-1	S	0	2	600		G			
X-2	T	0	3	20		E			
1	S	0	5	24,007		C			
	X	9	9						
2	* Process Code X99S05 is being used to designate the PUREX Storage Tunnels as a "Miscellaneous Unit" per WAC 173-303-680.								
C. Space for additional process codes or for describing other process (code "T04"). For each process entered here include design capacity.									
<u>X99S05</u> The PUREX Storage Tunnels, a miscellaneous unit (X99S05), are used for storage of mixed waste subject to the requirements of WAC 173-303-680. The two tunnels store waste from the PUREX Plant and other onsite sources. Since being placed into service, mixed waste has been stored in the tunnels on railcars. Not all material stored in the tunnels contains mixed waste. The construction of Tunnel Number 1 was completed in 1956. The tunnel is approximately 5.8 meters (19 feet) wide by 6.7 meters (22 feet) high by 109 meters (358 feet) long and provides storage space for eight railcars. Between June 1960 and January 1965, all eight railcar positions were filled and the tunnel subsequently was sealed. The combined volume of the equipment stored on the eight railcars presently in Tunnel Number 1 is approximately 596 cubic meters (780 cubic yards). The maximum process design capacity for storage in Tunnel Number 1 is approximately 4,129 cubic meters (5,400 cubic yards). The construction of Tunnel Number 2 was completed in 1964. Tunnel Number 2 is approximately 5.8 meters (19 feet) wide by 6.7 meters (22 feet) high by 514 meters (1,686 feet) long and provides storage space for 40 railcars. The first railcar was placed in Tunnel Number 2 in December 1967 and as of August 2000 July 1996, 28 railcars have been placed in the tunnel. The combined volume of equipment stored on the 28 railcars presently in Tunnel Number 2 is approximately 2,204 cubic meters (2,883 cubic yards). The maximum process design capacity for storage in Tunnel Number 2 is approximately 19,878 cubic meters (26,000 cubic yards).									
Modification Class: ¹²³					Class 1	Class ¹ 1	Class 2	Class 3	
Please check one of the Classes:					X				
Relevant WAC 173-303-830, Appendix I Modification: A.1.									
Enter wording of the modification from WAC 173-303-830, Appendix I citation									
A. General Permit Provisions									
1. Administrative and informational changes									
Submitted by Co-Operator:		Reviewed by RL Program Office:			Reviewed by Ecology:			Reviewed by Ecology:	
JKP 2/13/00 N. C. Boyter		DT 10/5/00 D. T. Evans			F. W. Bond 12-12-00 F. W. Bond			L. E. Ruud 12/4/00 L. E. Ruud	
Date		Date			Date			Date	

¹Class 1 modifications requiring prior Agency approval.

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Hanford Facility RCRA Permit Modification Notification Form

Unit:
PUREX Storage Tunnels

Permit Part & Chapter:
Part III, Chapter 3 and Attachment 28

Description of Modification:

Chapter 1.0, Part A, Form 3: Replace the Part A, Form 3, Revision 5 with the attached Part A, Form 3, Revision 5A. The Part A, Form 3, was modified to change the storage code from S05 to X99 due to regulation updates for miscellaneous units.

Section IV.:

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

Line No.	A. Dangerous Waste No. (enter code)				B. Estimated Annual Quantity of Waste	C. Unit of Measure (enter code)	D. Processes			
							1. Process Codes (enter)		2. Process Description (if a code is not entered in D(1))	
1	D	0	0	5	454*	K	X99	S05		Storage - Miscellaneous
2	D	0	0	6	454*	↓	↓			↓
3	W	T	0	2		↓	↓			↓
4	D	0	0	7	454*	↓	↓			↓
5	D	0	0	8	8,000*	↓	↓			↓
6	D	0	0	9	45*	↓	↓			↓
7	D	0	1	0	454*	↓	↓			↓
8	D	0	1	1	680*	↓	↓			↓
9	D	0	0	1		↓	↓			↓
10	W	T	0	2	454	↓	↓			Included with above
11	* The estimated annual quantity of waste listed above represents the maximum quantity of waste placed in either tunnel in a given year.									

Modification Class: ¹²³	Class 1	Class ¹ 1	Class 2	Class 3
Please check one of the Classes:	X			

Relevant WAC 173-303-830, Appendix I Modification: A.1.

Enter wording of the modification from WAC 173-303-830, Appendix I citation

A. General Permit Provisions

1. Administrative and informational changes

Submitted by Co-Operator: <i>N. C. Boyter</i> N. C. Boyter	Reviewed by RL Program Office: <i>D. T. Evans</i> D. T. Evans	Reviewed by Ecology: <i>F. W. Bond</i> F. W. Bond	Reviewed by Ecology: <i>L. E. Ruud</i> L. E. Ruud
9-13-00 Date	10/5/00 Date	12-12-00 Date	12/11/00 Date

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Hanford Facility RCRA Permit Modification Notification Form				
Unit: PUREX Storage Tunnels	Permit Part & Chapter: Part III, Chapter 3 and Attachment 28			
Description of Modification: Chapter 1.0, Part A, Form 3: Replace the Part A, Form 3, Revision 5 with the attached Part A, Form 3, Revision 5A. The Part A, Form 3, was modified to change the storage code from S05 to X99 due to regulation updates for miscellaneous units.				
Section IX.: Modified Date Signed block as follows: Revision 5 signed 09/26/96				
Section X.: Modified Date block as follows: Date Revision 5 Signed				
Modification Class: ¹²³				
Please check one of the Classes:	Class 1	Class ¹ 1	Class 2	Class 3
	X			
Relevant WAC 173-303-830, Appendix I Modification: A.1.				
Enter wording of the modification from WAC 173-303-830, Appendix I citation				
A. General Permit Provisions				
1. Administrative and informational changes				
Submitted by Co-Operator:	Reviewed by RL Program Office:	Reviewed by Ecology:	Reviewed by Ecology:	
<i>JKP</i> <i>RLS</i> N. C. Boyter 9.14.00 Date	D. T. Evans 10/5/00 Date	F. W. Bond 12-12-00 Date	L. E. Ruud 12/14/00 Date	

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For questions or comments, contact Mike Cline at michael_w_cline@rl.gov
URL: http://www.rl.gov/rcra/approvals/4.2.2.5_rev5a_apprvl.html
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