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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

1315 W. 4th Avenue • Kennewick, Washington 99336-6018 • (509) 735-7581

April 9, 2002

**RECEIVED**  
APR 30 2002  
**EDMC**

Joel Hebdon, Director  
Regulatory Compliance and Analysis Division  
P.O. Box 550, MSIN: A5-58  
Richland, Washington 99352

Dear Mr. Hebdon:

Re: **Quarterly Notification of Class 1 Modifications to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion, (Quarter ending December 31, 2001).**

Enclosed are the Modification Notification Forms indicating those modifications that the Washington State Department of Ecology (Ecology) has reviewed and approved for the referenced quarterly Class 1 Modifications.

The approved quarterly modifications include:

**Hanford Facility RCRA Permit**  
Hanford Facility RCRA Permit  
Hanford Facility RCRA Permit, List of Attachments  
Hanford Facility RCRA Permit, Attachment 47  
**305-B Storage Facility**  
Part III, Attachment 18, Hanford RCRA Permit Part A  
Part III, Attachment 18, Part A, Form 3, Section IV  
Part III, Attachment 18, Part A, Form 3, Section IV  
Part III, Attachment 18, Part A, Form 3, Section IV  
Chapter 3

Additionally, Ecology recognizes previous approval for 303-K Storage Facility Class 1 permit modifications to the 303-K Storage Facility portion of the Hanford Facility RCRA Permit, Part V, Chapter 14, Attachment 32 submitted December, 7, 2001.

Again, U.S. Department of Energy and contractor staff are encouraged to discuss proposed Class 1 changes with Ecology's Unit Managers to clarify any questions and/or concerns. If you have any questions or comments regarding this letter, please contact me at (509) 736-5715 or Jean Vanni at (509) 736-3046.

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**Hanford Facility RCRA Permit Modification Notification Forms  
Part III, Chapter 2 and Attachment 18  
305-B Storage Facility**

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Page 2 of 6: Hanford Facility RCRA Permit,  
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Page 6 of 6: Chapter 3.0

**Hanford Facility RCRA Permit Modification Notification Form**

Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III, Chapter 2 and Attachment 18</b>
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Description of Modification:

Hanford Facility RCRA Permit, Condition III.2.A:

**III.2.A. COMPLIANCE WITH APPROVED PERMIT APPLICATION**

The Permittees shall comply with all the requirements set forth in Attachment 18, including all Class 1 Modifications specified below, and the Amendments specified in Condition III.2.B. Enforceable portions of the application are listed below; all subsections, figures, and tables included in these portions are also enforceable, unless stated otherwise:

	Part A, Form 3, Permit Application, <del>Revision 1</del> and from Class 1 Modification for quarter ending <del>September 30, 1998</del> <b>June 30, 1998</b>
Section 2.1.2	The 305-B Storage Unit, from Class 1 Modification for quarter ending March 31, 2001
Section 2.2.1	General Requirement from Class 1 Modification for quarter ending March 31, 2001
Section 2.5	Performance Standard, from Class 1 Modification for quarter ending March 31, 2001
Section 2.6	Buffer Monitoring Zones, from Class 1 Modification for quarter ending March 31, 2001
Section 2.8	Manifest System, from Class 1 Modification for quarter ending March 31, 2001
Chapter 3.0	Waste Characteristics, from Class 1 Modification for quarter ending <del>September 30, 2000</del>
Chapter 4.0	Process Information, from Class 1 Modification for quarter ending December 31, 2000
Chapter 6.0	Procedures to Prevent Hazards, from Class 1 Modification for quarter ending March 31, 2001
Chapter 7.0	Building Emergency Procedure, from Class 1 Modification for quarter ending June 30, 2001
Chapter 8.0	Personnel Training, from Class 1 Modification for quarter ending September 30, 2001
Chapter 11.0	Closure and Post-Closure Requirements, from Class 1 Modification for quarter ending September 30, 2000
Chapter 12.0	Reporting and Recordkeeping, from Class 1 Modification for quarter ending June 30, 1999
Section 13.8	Toxic Substances Control Act, from Class 1 Modification for quarter ending September 30, 2000
Section 13.9	Other Requirements, from Class 1 Modification for quarter ending September 30, 2000
Appendix 2A	Hanford Site and 300-Area Topographic Maps, Plates 2-2 Through 2-9, from Class 1 Modification for quarter ending June 30, 2001

Modification Class: <sup>123</sup>	Class 1	Class <sup>1</sup>	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>Alice K Ikenberry</i> 12/13/01	Reviewed by RL Program Office: <i>R.F. Christensen</i> 1/3/02	Reviewed by Ecology: <i>F. Jamison</i> 03/29/02	Reviewed by Ecology: <i>L.E. Ruud</i> 4/3/02
A.K. Ikenberry Date	R.F. Christensen Date	F. Jamison Date	L.E. Ruud Date

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> 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 <sup>1</sup>, if appropriate.

**Hanford Facility RCRA Permit Modification Notification Form**

Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III, Chapter 2 and Attachment 18</b>
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Description of Modification:

Chapter 1.0, Part A, Form 3

**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))
3	D003	500	K	S01	
4	D004	200	K	S01	
5	D005	200	K	S01	
6	D006	200	K	S01	
9	D009	400	K	S01	
10	D010	50	K	S01	
11	D011	200	K	S01	

Modification Class: <sup>123</sup> Please check one of the Classes:	Class 1	Class <sup>1</sup>	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: <i>A.K. Ikenberry</i> 2/13/02 A.K. Ikenberry Date	Reviewed by RL Program Office: <i>R.F. Christensen</i> 01/03/02 R.F. Christensen Date	Reviewed by Ecology: <i>F. Jamison</i> 03/29/02 F. Jamison Date	Reviewed by Ecology: <i>L.E. Ruud</i> 4/3/02 L.E. Ruud Date
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<sup>1</sup> Class 1 modifications requiring prior Agency approval.  
<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.  
<sup>3</sup> 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 <sup>1</sup>, if appropriate.

### Hanford Facility RCRA Permit Modification Notification Form

Unit:  
**305-B Storage Facility**

Permit Part & Chapter:  
**Part III, Chapter 2 and Attachment 18**

Description of Modification:

Chapter 1.0, Part A, Form 3

**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))
68	P019	200	K	S01	
74	P025	200	K	S01	
81	P032	200	K	S01	
84	P035	200	K	S01	
102	P052	200	K	S01	
103	P053	200	K	S01	
105	P055	200	K	S01	
111	P061	200	K	S01	
129	P079	200	K	S01	
130	P080	200	K	S01	
133	P083	200	K	S01	
136	P086	200	K	S01	
140	P090	200	K	S01	
141	P091	200	K	S01	
150	P100	200	K	S01	
157	P107	200	K	S01	
167	P117	200	K	S01	
186	U013	200	K	S01	
222	U040	200	K	S01	
226	U054	200	K	S01	
247	U065	200	K	S01	
281	U100	200	K	S01	
285	U104	200	K	S01	
320	U139	200	K	S01	
356	U175	200	K	S01	
376	U195	200	K	S01	
379	U198	200	K	S01	
380	U199	200	K	S01	
393	U212	200	K	S01	
405	U224	200	K	S01	
410	U229	200	K	S01	
411	U230	200	K	S01	
412	U231	200	K	S01	
413	U232	200	K	S01	
414	U233	200	K	S01	
422	U241	200	K	S01	
423	U242	200	K	S01	
426	U245	200	K	S01	

Modification Class: <sup>123</sup>	Class 1	Class <sup>1</sup>	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:
<i>A.K. Ikenberry</i> 12/17/01	<i>R.F. Christensen</i> 1/2/02	<i>F. Jamison</i> 02/19/02	<i>L.E. Ruud</i> 4/13/02
A.K. Ikenberry Date	R.F. Christensen Date	F. Jamison Date	L.E. Ruud Date

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> 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 <sup>1</sup>, if appropriate.



### Hanford Facility RCRA Permit Modification Notification Form

Unit:  
305-B Storage Facility

Permit Part & Chapter:  
Part III, Chapter 2 and Attachment 18

Description of Modification:

Chapter 3.0

Remove Chapter 3.0 and replace with the attached Chapter 3.0.

Modification Class: <sup>123</sup>

Please check one of the Classes:

Class 1	Class <sup>1</sup>	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>A.K. Ikenberry</i> 12/13/09 A.K. Ikenberry Date	<i>R.F. Christensen</i> 1/13/12 R.F. Christensen Date	<i>F. Jamison</i> [Signature] F. Jamison Date	<i>L.E. Ruud</i> 4/3/12 L.E. Ruud Date

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> 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 <sup>1</sup>1, if appropriate.

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**Hanford Facility RCRA Permit Modification Notification Forms**

**Hanford Facility RCRA Permit**

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Page 4 of 4: Hanford Facility RCRA Permit, Attachment 27

**Hanford Facility RCRA Permit Modification Notification Form**

Unit:  
**Hanford Facility RCRA Permit**

Permit Part & Chapter:  
**RCRA Permit**

Description of Modification:  
Hanford Facility RCRA Permit, page 1:

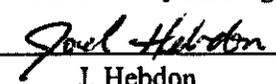
This Permit, as modified on February 28, 2001, is effective as of March 30, 2001, and shall remain in effect through September 27, 2004, unless revoked and reissued under WAC 173-303-830(3), terminated under WAC 173-303-830(5), or continued in accordance with WAC 173-303-806(7). The Internet address for this Permit is <http://www.hanford.gov/docs/wa7890008967/index.htm>.

Modification Class: 12 3	Class 1	Class <sup>1</sup> 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

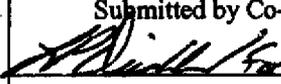
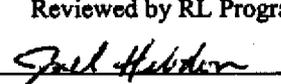
Submitted by Co-Operator:  R. H. Gurske	Date 12-11-01	Reviewed by RL Program Office:  J. Hebdon	Date 1/08/02	Reviewed by Ecology:  L.E. Ruud	Date 1-23-02
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<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

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## Hanford Facility RCRA Permit Modification Notification Form

Unit: <b>Hanford Facility RCRA Permit</b>	Permit Part & Chapter: <b>List of Attachments, Attachment 47</b>			
Description of Modification: Hanford Facility RCRA Permit, List of Attachments:				
Attachment 47      Corrective Measures Study for the 100-NR-1 and 100-NR-2 Operable Units, DOE/RL-95-111, Revision 0, July 1997				
Modification Class: 12 3	Class 1	Class <sup>1</sup> 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:		
 12-14-01	 1/08/02	 1/23/02		
R. H. Gurske      Date	J. Hebdon      Date	L.E. Ruud      Date		

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> 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 <sup>1</sup>1, if appropriate



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**Hanford Facility RCRA Permit Modification Notification Form**

**Part V, Chapter 14 and Attachment 32**

**303-K Storage Facility**

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Section V.14.B.f

Hanford Facility RCRA Permit Modification Notification Form				
Unit: 303-K Storage Facility	Permit Part & Chapter: Part V, Chapter 14 and Attachment 32			
<u>Description of Modification:</u>				
Section V.14.B.f:				
V.14.B.f. Due to lack of federal funding in 1998, the allowed time for closure of 303-K is hereby extended in Accordance with WAC 173-303-610(4)(b)(i) and 173-303-815(3). The Permittees shall submit a Certification of closure for 303-K no later than <del>September 30, 2001</del> November 29, 2001. In addition, the Permittees shall submit to Ecology at least two (2) reports of progress toward completion of closure (i.e., budgeting for building demolition, obtaining sufficient funding, scheduling the physical work). The first report shall be submitted no later than September 30, 1999, and the second shall be submitted no later than September 30, 2000.				
Modification Class: <sup>123</sup>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3
Please check one of the Classes:	X			
Relevant WAC 173-303-830, Appendix I Modification: A.1.				
<u>Enter wording of the modification from WAC 173-303-830, Appendix I citation</u>				
A. General Permit Provisions				
1. Administrative and Informational changes.				
Submitted by Co-Operator: <i>N.C. Boyter</i> 8-14-01	Reviewed by RL Program Office: <i>D.T. Evans</i> 8/24/01	Reviewed by Ecology: <i>R. Bond</i> 8-16-01	Reviewed by Ecology: <i>L.E. Ruud</i> 8/27/01	
N. C. Boyter Date	D. T. Evans Date	R. Bond Date	L.E. Ruud Date <i>for L.E. Ruud</i>	

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> 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 <sup>1</sup>1, if appropriate.

**Hanford Facility RCRA Permit Modification Notification Form**

**Unit:**  
303-K Storage Facility

**Permit Part & Chapter:**  
Part V, Chapter 14 and Attachment 32

Description of Modification:

Hanford Facility RCRA Permit Condition V.14.B.f:

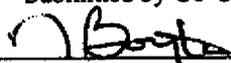
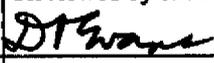
V.14.B.f. Due to lack of federal funding in 1998, the allowed time for closure of 303-K is hereby extended in Accordance with WAC 173-303-610(4)(b)(i) and 173-303-815(3). The Permittees shall submit a Certification of closure for 303-K no later than ~~September 30, 1999~~ November 29, 2001. In addition, the Permittees shall submit to Ecology at least two (2) reports of progress toward completion of closure (i.e., budgeting for building demolition, obtaining sufficient funding, scheduling the physical work). The first report shall be ~~submitted no later than~~ submitted no later than September 30, 1999, and the second shall be ~~submitted no later than~~ submitted no later than September 30, 2000.

Modification Class: <sup>123</sup>	Class 1	Class <sup>1</sup> 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:
 11/16/01	 11/27/01	 12/4/01	 12/4/01
N. C. Boyter Date	D. T. Evans Date	R. Bond Date	L.E. Ruud Date

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> 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 <sup>1</sup>1, if appropriate.