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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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February 12, 2007

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Mr. Moussa N. Jaraysi, Vice President
Environmental Programs
CH2M HILL Hanford Group, Inc.
P.O. Box 1500, MSIN: H6-03
Richland, Washington 99352

Re: United States Department of Energy Letter, dated January 9, 2007, *Class 1 Modifications to the Hanford Facility Resource Conservation and Recovery Act Permit (Quarter Ending December 31, 2006)*

Dear Madam and Gentlemen:

Enclosed are Modification Notification Forms indicating the modifications that the Department of Ecology reviewed for approval or denial for the referenced quarterly Class 1 and Class ¹1 Modifications. The results of our review is listed on page two.



Mr. Keith A. Klein *et al.*
February 12, 2007
Page 2

Part III, Operating Unit 11, Integrated Disposal Facility

Page 2 of 13:	Part III, Operating Unit 11	Approved
Page 3 of 13:	Appendix 4A., Section 1.1	Approved
Page 4 of 13:	Appendix 4.A.1, Section 1.2.2	Approved
Page 5 of 13:	Appendix 4.A.1, Section 2.1	Approved
Page 6 of 13:	Appendix 4.A.1, Section 2.2	Approved
Page 7 of 13:	Appendix 4.A.1, Section 2.3	Approved
Page 8 of 13:	Appendix 4.A.1, Section 6.9.2	Approved
Page 9 of 13:	Appendix 4.A.1, Section 6.9.6	Approved
Page 10 of 13:	Appendix 4.A.1, Section 8.0	Approved
Page 11 of 13:	Appendix 4.A.1, Section 2	Approved
Page 12 of 13:	Appendix 4.A.1, Section 3	Approved
Page 13 of 13:	Appendix 4D	Approved

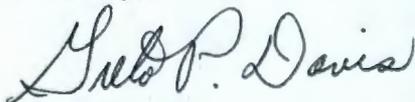
Part III, Chapter 10, WTP

24590-WTP-PCN-ENV-06-007	10-30-06	Approved
24590-HLW-PCN-ENV-06-011	12-11-06	Denied

Ecology appreciates your cooperation and encourages the United States Department of Energy and contractor staff to discuss proposed Class 1 and Class ¹ changes with our unit managers to clarify any questions or concerns.

If you have any questions, please contact me at 509-372-7894.

Sincerely,



Greta P. Davis
RCRA Permitting Coordinator
Nuclear Waste Program

pll
Enclosures (13)

cc w/enc: Tony McKarns, USDOE
Woody Russell, USDOE
Tony Miskho, FH
Suzette Thompson,
Megan Proctor, WCH
Stuart Harris, CTUIR
Gabriel Bohnee, NPT

Russell Jim, YN
Susan Leckband, HAB
Ken Niles, ODOE
FH Administrative Record: HSWP
Environmental Portal
HF OR Gen. File

Hanford Facility RCRA Permit Modification Notification Forms

**Part III, Operating Unit 11
Integrated Disposal Facility**

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- Page 3 of 13: Appendix 4A., Section 1.1
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- Page 11 of 13: Appendix 4A., Section 2
- Page 12 of 13: Appendix 4A., Section 3
- Page 13 of 13: Appendix 4D

Submitted by Co-Operator:

Mark S Spears

Mark S. Spears

12/5/06

Date

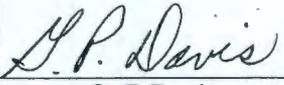
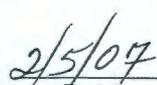
Reviewed by ORP Program Office:

Roy J Schepens

Roy J. Schepens

12/13/06

Date

Hanford Facility RCRA Permit Modification Notification Form					
Unit: Integrated Disposal Facility	Permit Part & Chapter: Part III, Operating Unit 11				
<p><u>Description of Modification:</u> Part III, Operating Unit 11, Attachment 52:</p> <p style="text-align: center;">PART III, OPERATING UNIT 11 UNIT SPECIFIC CONDITIONS</p> <p style="text-align: center;">Integrated Disposal Facility</p> <p>This document sets forth the operating conditions for the Integrated Disposal Facility (IDF).</p> <p><u>COMPLIANCE WITH APPROVED PERMIT</u></p> <p>The Permittees shall comply with all requirements set forth in the Integrated Disposal Facility (IDF) Permit conditions, the Appendices specified in condition III.11.A and the Amendments specified in Condition III.11.B through III.11.I. All subsections, figures, and tables included in these portions are enforceable unless stated otherwise:</p> <p><u>OPERATING UNIT 11, ATTACHMENT 52:</u></p> <p>Chapter 1.0- Part A Form, Revision 3, dated March 2005 Chapter 2.0 Topographic Map Description Chapter 3.0 Waste Analysis Plan Chapter 4.0 Process Information Chapter 5.0 Ground Water Monitoring Chapter 6.0 Procedure to Prevent Hazards Chapter 7.0 Contingency Plan Chapter 8.0 Personnel Training Chapter 11.0 Closure and Post Closure Requirements Chapter 13.0 Other Federal and State Laws Appendix 4A Design Report (as applicable to critical systems), <u>Class 1 modification dated December 31, 2006</u> Appendix 4B Construction Quality Assurance Plan Appendix 4C Response Action Plan Appendix 4D Technical specifications document (RPP-18489 Rev 0), <u>Class 1 modification dated December 31, 2006</u> Appendix 7A Building Emergency Plan (As applicable in Chapter 7) Appendix 8A Training Plan</p> <p>General and Standard Hanford Facility RCRA Permit, WA7890008967 (Permit) conditions (Part I and Part II Conditions) applicable to the IDF are identified in Permit Attachment 3 (Permit Applicability Matrix).</p>					
WAC 173-303-830 Modification Class ^{1 2}		Class 1	Class ¹	Class 2	Class 3
Please mark the Modification Class:			X		e
Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications. Enter wording of WAC 173-303-830, Appendix I Modification citation: Request review and approval as Class ¹ .					
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) Reason for denial:		Reviewed by Ecology: <div style="text-align: center;">  G. P. Davis </div> <div style="text-align: right;">  Date </div>			

¹ Class 1 modifications requiring prior Agency approval.

² 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 a Class ¹, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form

Unit: Integrated Disposal Facility	Permit Part & Chapter: Part III, Operating Unit 11
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Description of Modification:
Appendix 4A.1, Section 1.1:

1.1 PURPOSE

The purpose of the Integrated Disposal Facility (IDF) is to develop the capability for near surface disposal of Immobilized Low-Activity Waste (ILAW) waste packages from the River Protection Project-Waste Treatment and Immobilization Plant (RPP-WTP). The IDF is essential in meeting the overall U.S. Department of Energy, Office of River Protection (DOE-ORP) mission to store, retrieve, treat, and dispose of the highly radioactive Hanford tank waste in an environmentally sound, safe, and cost-effective manner. The IDF will also provide capacity for disposal of mixed low-level waste (MLLW) and low-level (LLW) from the DBVS. The detailed design for the IDF Phase I Critical Systems landfill will finalize the design process for the:

- Landfill liner system
- Leachate removal system
- Leak detection system (LDS)

The ~~Integrated Disposal Facility~~ (IDF) detailed design also involves completing all design work required for an operable landfill and supporting the Resource Conservation and Recovery Act of 1976 (RCRA) Part B permitting for the IDF.

This Phase I Critical Systems Design Report (the Design Report) provides documentation of engineering calculations, criteria, and information that have been developed as part of the IDF detailed design for Phase I. Specifically, the Design Report documents the following important design information:

- Identifies key design requirements for the project (Section 2)
- Summarizes studies on site conditions and investigations that have been used in the development of detailed design parameters for the critical systems (Sections 3 and 4)
- Presents detailed engineering analysis performed in the development of the Phase I Critical Systems design and updated during construction implementation (Section 5). Provides system component descriptions, references important construction quality assurance (QA) requirements, and describes important interfaces with non-critical systems (Section 6)

Describes operating provisions that have influenced the development of the design including waste placement requirements, operational interfaces with other Hanford facilities, and leakage response action plan requirements (Section 7).

WAC 173-303-830 Modification Class ^{1 2}	Class 1	Class ¹ 1	Class 2	Class 3
Please mark the Modification Class:		X		2

Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.
Enter wording of WAC 173-303-830, Appendix I Modification citation:
Request review and approval as Class ¹1.

Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) Reason for denial:	Reviewed by Ecology: <div style="text-align: center;">  G. P. Davis </div> <div style="text-align: right;"> 2/5/07 Date </div>
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¹ Class 1 modifications requiring prior Agency approval.
² 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 a Class ¹1, if appropriate.

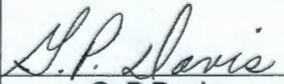
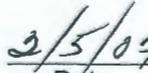
Hanford Facility RCRA Permit Modification Notification Form

Unit: Integrated Disposal Facility	Permit Part & Chapter: Part III, Operating Unit 11
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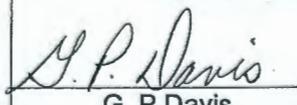
Description of Modification:
 Appendix 4A.1, Section 1.2.2:
1.2.2 Design Reports
 ...
 Action leakage rate (ALR) analysis (the maximum design flow rate that the secondary leachate collection, detection, and removal system can remove without the fluid head on the bottom liner exceeding one foot; calculation and justification of the maximum leachate infiltration rate through the primary liner system; a response action plan in case the maximum ALR is exceeded during operation of the IDF).
Updates to calculations that have occurred through the construction process, either during independent quality reviews of tank systems, in response to contractor's requests for information, or changes implemented during construction have been attached to the original calculations in the appendices.
 Compliance matrices have been developed to demonstrate detailed design compliance with the applicable sections of the regulations (WAC 173-303) and with project-specific specifications, criteria, reports, codes, and standards. Updates to the matrices that have resulted from the completion of construction activities and associated documentation are also provided. These matrices are presented in the Design Report in Appendix A.

WAC 173-303-830 Modification Class ^{1 2}	Class 1	Class '1	Class 2	Class 3
Please mark the Modification Class:		X		3

Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.
 Enter wording of WAC 173-303-830, Appendix I Modification citation:
 Request review and approval as Class ¹.

Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) Reason for denial:	Reviewed by Ecology: <div style="text-align: center;">  G. P Davis </div> <div style="text-align: right;">  Date </div>
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Hanford Facility RCRA Permit Modification Notification Form				
Unit: Integrated Disposal Facility	Permit Part & Chapter: Part III, Operating Unit 11			
Description of Modification: Appendix 4A.1, Section 2.1:				
2.1 WASHINGTON STATE DANGEROUS WASTE REGULATIONS				
<p>The <i>Washington State Dangerous Waste Regulations</i> (WAC 173-303) implement Subtitle C of Public Law 94-580, the RCRA in the State of Washington. By conforming to the requirements of WAC 173-303, the design of the IDF Phase I Critical Systems also complies with the federal hazardous waste requirements contained in 40 CFR 264, <i>Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities</i>. Appendix A.1 provides a compliance matrix of where the applicable WAC 173-330 requirements are addressed in the IDF Phase I Critical Systems detailed design documents, <u>or are addressed in documentation developed as a result of facility construction.</u></p>				
WAC 173-303-830 Modification Class ^{1 2}	Class 1	Class ¹	Class 2	Class 3
Please mark the Modification Class:		X		X
Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.				
Enter wording of WAC 173-303-830, Appendix I Modification citation:				
Request review and approval as Class ¹ .				
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial)			Reviewed by Ecology:	
Reason for denial:			 G. P Davis	
			2/5/07 Date	

¹ Class 1 modifications requiring prior Agency approval.

² 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 a Class ¹, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form														
Unit: Integrated Disposal Facility	Permit Part & Chapter: Part III, Operating Unit 11													
<p><u>Description of Modification:</u> Appendix 4A.1, Section 2.2:</p> <p>2.2 SYSTEM SPECIFICATION</p> <p>The <i>System Specification for Immobilized Low-Activity Waste Disposal System</i>, Revision 3 (RPP-7307) contains the Level 1 system requirements for the Immobilized Low-Activity Waste Disposal System, of which the IDF is a part. Appendix A.2 provides a compliance matrix of where the applicable Level 1 system requirements are addressed in the IDF Phase I Critical Systems detailed design documents, <u>or are addressed in documentation developed as a result of facility construction.</u></p>														
<p>WAC 173-303-830 Modification Class ^{1 2}</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 12.5%; text-align: center;">Class 1</td> <td style="width: 12.5%; text-align: center;">Class ¹</td> <td style="width: 12.5%; text-align: center;">Class 2</td> <td style="width: 12.5%; text-align: center;">Class 3</td> </tr> <tr> <td>Please mark the Modification Class:</td> <td></td> <td style="text-align: center;">X</td> <td></td> <td style="text-align: center;">3</td> </tr> </table>						Class 1	Class ¹	Class 2	Class 3	Please mark the Modification Class:		X		3
	Class 1	Class ¹	Class 2	Class 3										
Please mark the Modification Class:		X		3										
<p>Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications. Enter wording of WAC 173-303-830, Appendix I Modification citation: Request review and approval as Class ¹.</p>														
<p>Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) <u>Reason for denial:</u></p>			<p>Reviewed by Ecology: <i>G. P. Davis</i> <u>2/5/07</u> G. P Davis Date</p>											

¹ Class 1 modifications requiring prior Agency approval.

² 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 a Class ¹, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form

Unit: Integrated Disposal Facility	Permit Part & Chapter: Part III, Operating Unit 11
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Description of Modification:

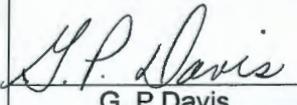
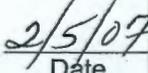
Appendix 4A.1, Section 2.3:

2.3 PROJECT DEFINITION CRITERIA

The *ILAW Project Definition Criteria for Integrated Disposal Facility*, Revision 1 (RPP-7898) contains the design criteria for the IDF, including requirements flow-down from RPP-7303, *System Specification for ILAW Disposal System*, and DOE/RL-97-55, *Hanford Site Environmental Management Specification*. Appendix A.3 provides a compliance matrix of where the applicable design criteria are addressed in the IDF Phase I Critical Systems detailed design documents, or are addressed in documentation developed as a result of facility construction.

WAC 173-303-830 Modification Class ^{1 2}	Class 1	Class ¹	Class 2	Class 3
Please mark the Modification Class:		X		3

Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.
 Enter wording of WAC 173-303-830, Appendix I Modification citation:
 Request review and approval as Class ¹.

Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) Reason for denial:	Reviewed by Ecology: <div style="text-align:center">  G. P. Davis </div> <div style="text-align:right">  Date </div>
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¹ Class 1 modifications requiring prior Agency approval.

² 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 a Class ¹, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form

Unit:
Integrated Disposal Facility

Permit Part & Chapter:
Part III, Operating Unit 11

Description of Modification:

Appendix 4A.1, Section 6.9.2:

6.9.2 Administration and Control Facilities

Administration and control facilities will provide the control center for LCRS operations and monitoring, as well as monitoring for LDS and other emergency systems (fire, power interruption, and HVAC controls). The administration building will service facility operations, including waste tracking and record keeping systems as well as provide for staff needs including office facilities, lunch room, lockers, and storage. Other functions that may take place in this facility area include equipment maintenance, an equipment and staff decontamination area, and equipment storage.

The proposed location of the administration building is shown on Drawing H-2-830827, to the north of the leachate storage and handling area (north of the IDF Phase I development area). This location provides quick access to the leachate control buildings and storage tanks, as well as good interface with existing utilities that will come from existing facilities to the east and west of the IDF. Power and control/communications cables will connect the administration building to the leachate control buildings (crest pad buildings, leachate pump buildings, and leachate storage tanks), as well as to other leachate control structures including the combine manholes and truck loading stations for Cell 1 and Cell 2. Additional utilities will service the administration building including fire protection, process water, potable water, communications, and power. Calculations for power supply to future facilities are provided in the *Integrated Disposal Facility (IDF) Detailed Design: Site Utilities Design Report, (RPP-18515, Revision 1)*.

Design criteria and detailed design need to be established for the administration building. The expanded mission of the IDF may influence existing criteria that have already been determined for this facility as provided in conceptual design documents for the original ILAW W-520 Project. Modular units may be considered for this facility.

WAC 173-303-830 Modification Class ^{1 2}

Please mark the Modification Class:

Class 1	Class ¹ 1	Class 2	Class 3
	X		X

Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.

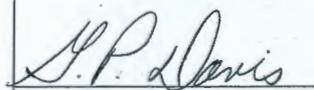
Enter wording of WAC 173-303-830, Appendix I Modification citation:

Request review and approval as Class ¹1.

Modification Approved: Yes No (state reason for denial)

Reason for denial:

Reviewed by Ecology:


 G. P. Davis 2/5/07
 Date

¹ Class 1 modifications requiring prior Agency approval.

² 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 a Class ¹1, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form

Unit:
Integrated Disposal Facility

Permit Part & Chapter:
Part III, Operating Unit 11

Description of Modification:

Appendix 4A.1, Section 6.9.6:

6.9.6 Site Utilities

As mentioned previously, site utilities are included in non-critical systems design. Site utilities will interface with existing utilities that service facilities in the 200 East area. As such, substantial coordination will be required to locate these utilities, determine the best interface tie-in location, and bring these to the IDF site. Key utilities that are needed for the IDF include:

- Power to buildings and operating systems, as well as to area lighting
- Communication between administration building and operating systems, as well as from the IDF to other area networks
- Fire protection water
- Process (non-potable) water for operations and facility construction
- Potable water

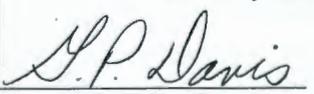
Power requirements for leachate control and monitoring systems have been designed during this Phase I Critical Systems design. Access vaults to power and control systems are provided outside of both crest pad buildings (shown on Drawing H-2-830858). It is anticipated that the administration building will connect at these access vaults and will provide power for system operation and an Ethernet connection for controls. Transformer design for bringing power from the site to the administration building (and to leachate control facilities) will be performed during non-critical design, as will design of the Ethernet connection and administration control systems. Calculations for power supply to future facilities are provided in the Integrated Disposal Facility (IDF) Detailed Design: Site Utilities Design Report, (RPP-18515, Revision 1).

Utility corridors need to be developed to bring these utilities to facility areas. It is recommended that these corridors be developed outside of landfill embankment areas and access roads, to allow for uninterrupted waste placement and facility operation, for future landfill phase development, for protection of liner system anchor trenches, and for protection of utilities from heavy wheel loads. In addition, the future final cover of the IDF is located over the perimeter embankments and catches existing ground at the outside toe of the embankment.

WAC 173-303-830 Modification Class ^{1 2}	Class 1	Class ¹ 1	Class 2	Class 3
Please mark the Modification Class:		X		3

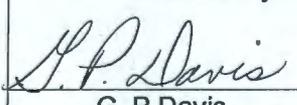
Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.
 Enter wording of WAC 173-303-830, Appendix I Modification citation:
 Request review and approval as Class ¹1.

Modification Approved: Yes No (state reason for denial)
Reason for denial:

Reviewed by Ecology:

 G. P. Davis
 Date: 2/5/07

¹ Class 1 modifications requiring prior Agency approval.

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Hanford Facility RCRA Permit Modification Notification Form					
Unit: Integrated Disposal Facility	Permit Part & Chapter: Part III, Operating Unit 11				
<u>Description of Modification:</u> Appendix 4A.1, Section 8.0:					
8.0 REFERENCES					
40 CFR 264. <i>Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities.</i>					
American Water Works Association (AWWA). <i>Factory-Coated Bolted Steel Tanks For Water Storage.</i> D103-97. Denver, Colorado. 1998					
Benson, C.H., and M.A. Othman. <i>Hydraulic Conductivity of Compacted Clay Frozen and Thawed In Situ.</i> <i>Journal of Geotechnical Engineering.</i> Vol. 119, No. 2. February 1993. p.276.					
CETCO. <i>Bent mat / Climax Technical Manual.</i> GCL manufacturer's publication. Colloid Environmental Technologies Company, Arlington Heights, Illinois. 2001.					
CH2M HILL Hanford Group, Inc., <i>ILAW Preliminary Closure Plan for the Disposal Facility,</i> RPP-6911.					
CH2M HILL Hanford Group, Inc., <i>Conceptual Design Report for ILAW Facility, Project W-520,</i> RPP-7908, Rev. 0, May 2001.					
CH2M HILL Hanford Group, Inc., <i>System Specification for Immobilized Low-Activity Waste Disposal System.</i> Revision 3. RPP-7307.					
CH2M HILL Hanford Group, Inc., <i>ILAW Project Definition Criteria for Integrated Disposal Facility.</i> Revision 1. RPP-7898.					
CH2M HILL Hanford Group, Inc., <i>Design Loads for Tank Farm Facilities.</i> From TFC-ENG-STD-06, Rev A. Issued September 30, 2002.					
CH2M HILL Hanford Group, Inc., <i>Integrated Disposal Facility Detailed Design Support.</i> Statement of Work, Rev 2. Req. #92859. February 18, 2003.					
CH2M HILL Hanford Group, Inc., <i>Integrated Disposal Facility Detailed Design Cell 1 Construction Quality Assurance Plan,</i> RPP-18490, Attachment 1, Rev. 0, March 2004.					
<u>CH2M HILL Hanford Group, Inc., Integrated Disposal Facility (IDF) Detailed Design: SiteUtilities Design Report, Revision 1, RPP-18515, September 2006.</u>					
...					
WAC 173-303-830 Modification Class ¹²		Class 1	Class ¹ 1	Class 2	Class 3
Please mark the Modification Class:			X		3
Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.					
Enter wording of WAC 173-303-830, Appendix I Modification citation:					
Request review and approval as Class ¹ 1.					
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial)			Reviewed by Ecology:		
Reason for denial:			 G. P. Davis		
			2/5/07 Date		

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² 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 a Class ¹1, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form

Unit:
Integrated Disposal Facility

Permit Part & Chapter:
Part III, Operating Unit 11

Description of Modification:

Appendix 4A.2: Replace Appendix 4A, Section 2 with the attached Appendix 4A, Section 2 dated December 31, 2006.

Specification data sheets were updated.

WAC 173-303-830 Modification Class ^{1 2}

Please mark the Modification Class:

Class 1	Class '1	Class 2.	Class 3
	X		X

Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.

Enter wording of WAC 173-303-830, Appendix I Modification citation:

Request review and approval as Class ¹.

Modification Approved: Yes No (state reason for denial)

Reason for denial:

Reviewed by Ecology:

G. P. Davis *2/5/07*
G. P. Davis Date

¹ Class 1 modifications requiring prior Agency approval.

² 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 a Class '1, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form

Unit:
Integrated Disposal Facility

Permit Part & Chapter:
Part III, Operating Unit 11

Description of Modification:

Appendix 4A.3: Replace Appendix 4A, Section 3 with the attached Appendix 4A, Section 3 dated December 31, 2006.

The drawings were updated to reflect as-built conditions.

WAC 173-303-830 Modification Class ^{1 2}

Please mark the Modification Class:

Class 1

Class ¹

Class 2

Class 3

X

~~3~~

Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.

Enter wording of WAC 173-303-830, Appendix I Modification citation:

Request review and approval as Class ¹.

Modification Approved: Yes No (state reason for denial)

Reason for denial:

Reviewed by Ecology:

G. P. Davis 2/5/07
G. P Davis Date

¹ Class 1 modifications requiring prior Agency approval.

² 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 a Class ¹, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form

Unit:
Integrated Disposal Facility

Permit Part & Chapter:
Part III, Operating Unit 11

Description of Modification:

Appendix 4D: Replace Appendix 4D with the attached Appendix 4D dated December 31, 2006.

The following sections were updated:

- Section 02200 – Site Preparation
- Section 02315 – Fill And Backfill
- Section 02319 – Subgrade Preparation
- Section 02320 – Trench Backfill
- Section 02500 – Raw Water Conveyance Piping - General
- Section 02632 – Stormwater Piping
- Section 02661 – Geomembranes
- Section 02666 – Admix Liner
- Section 02920 – Reclamation & Revegetation
- Section 03301 – Concrete
- Section 09900--Paint Coating Systems
- Section 1130 – Combined & Building & Sump Pumps
- Section 11306 – Leachate Pumps
- Section 11312 – Horizontal End Suction Centrifugal Pumps
- Section 13122 – Metal Building Systems
- Section 13205 – Lined Bolted Steel Liquid Storage Tanks
- Section 13401 – Process Instrumentation & Control Systems (Pics)
- Section 15021 – High Density Polyethylene (Hdpe) Pipe
- Section 15100 – Valves, Operators, And Filter
- Section 15140 – Piping Support Systems
- Section 15992 – Piping Leakage Testing
- Section 16005 – Electrical
- Section 16270-1 – Single Phase Oil-Filled Pad Mounted Transformers
- Section 16312 – Overhead Electrical Distribution
- Section 16440 – Low Voltage Motor Control

WAC 173-303-830 Modification Class ^{1 2}

Please mark the Modification Class:

Class 1	Class ¹	Class 2	Class 3
	X		X

Enter relevant WAC 173-303-830, Appendix I Modification citation number: (d)(ii) other modifications.

Enter wording of WAC 173-303-830, Appendix I Modification citation:

Request review and approval as Class ¹.

Modification Approved: Yes No (state reason for denial)

Reason for denial:

Reviewed by Ecology:

G. P. Davis 2/5/07
G. P Davis Date

¹ Class 1 modifications requiring prior Agency approval.

² 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 a Class ¹, if appropriate.