

Proposed Tri-Party Agreement Modifications for

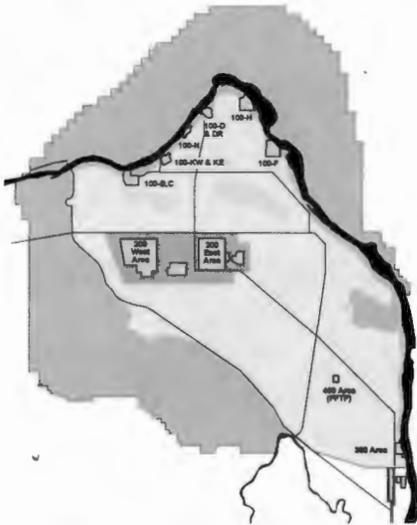
**Changes to the Regulatory Status
of the 216-U-12 Crib**

**Change Requests
B-05-01 and C-05-01**

RECEIVED
SEP 30 2005
EDMC

**Public Comment Period
October 5 to November 21, 2005**





Proposed Tri-Party Agreement Changes to Status of the 216-U-12 Crib

U.S. Department of Energy - Washington State Department of Ecology - U.S. Environmental Protection Agency

The U. S. Department of Energy (USDOE), the Washington State Department of Ecology (Ecology), and the U.S. Environmental Protection Agency (EPA) are the agencies responsible for the Hanford cleanup. They want your input on proposed changes to the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement). The proposed changes are to correct the regulatory status of the 216-U-12 Crib from a treatment, storage and disposal (TSD) site to a Resource Conservation and Recovery Act (RCRA) past practice site.

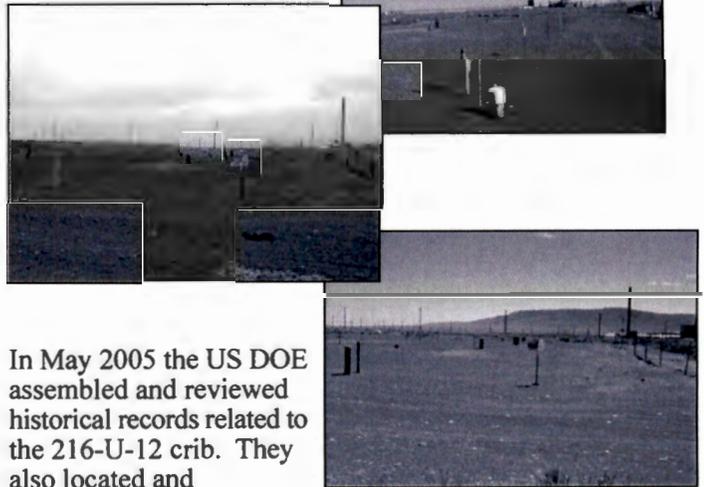
Background

The 216-U-12 Crib is located in the 200 Area (Central Plateau) of the Hanford Site near the 221-U Building. The 216-U-12 Crib was built in 1960 and was operational until 1988, when the pipelines were cut and capped. The crib is approximately 15 feet deep, 150 feet long and 60 feet wide at the surface. This crib received liquid mixed waste from the 221-U Building. Currently the site consists of a backfilled trench overlain with gravel, a polyethylene barrier and soil backfill.

What we are proposing

The Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) describes different regulatory authorities. Some waste management units on the Hanford Site were classified as treatment, storage, or disposal (TSD) units. Those units are subject to Chapter 70.105 of the Revised Code of Washington. All other waste management units are classified as past practice units. They are subject to either the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, also known as the Superfund Law) or the corrective action provisions of the Resource Conservation and Recovery Act (RCRA). The 216-U-12 crib is a hazardous waste management unit that is classified as a TSD.

The 216-U-12 Crib is a trench that was backfilled with gravel and dirt



In May 2005 the US DOE assembled and reviewed historical records related to the 216-U-12 crib. They also located and interviewed a process engineer who worked in the UO3 building during 1987. The interview and historical records (engineering log books, operations log books, official correspondence, a plant operating procedure, a temporary work procedure, and a work plan) demonstrate that hazardous waste was not discharged to the 216-U-12 crib after July 27, 1987. August 19, 1987 is the agreed upon date between Ecology and DOE when the mixed waste rule applies. Based on this information, The Parties propose to reclassify the 216-U-12 crib as a RCRA past practice site that is part of the larger CERCLA remedial action encompassing U-Plant cleanup.



PUBLIC COMMENT

The Tri-Party agencies want your feedback on the proposed changes.

The public comment period will run from **October 5 through November 21, 2005.**

Fact Sheet

If reclassified, the 216-U-12 crib would be addressed as part of CERCLA actions proposed for 32 other soil waste sites in the vicinity of the 221-U Building. The proposed CERCLA actions are identified in the "Proposed Plan for the 200-UW-1 Operable Unit" (DOE/RL-2003-24) that is available at the Hanford Public Information Repositories. The proposed action for the 216-U-12 crib would be to construct an engineered surface barrier over the crib for groundwater and human health protection, as well as ecological protection by preventing intrusion from plants and burrowing animals. Institutional controls (e.g., deed

restrictions, land-use zoning, and excavation permits) would be required to minimize the potential for exposure to contamination or compromising the effectiveness of the barrier. It will be necessary to maintain institutional controls for 150 years or longer to ensure that human and biological intruders do not breach the barriers and create pathways for contamination. The State of Washington has identified no substantive differences between the proposed action under CERCLA versus the actions that would take place under RCRA requirements for closure and corrective action at a TSD.

How you can become involved

A 45-day public comment period on the proposed changes will be held from **October 5 through November 21, 2005**. The agencies want your feedback on the changes proposed for the 216-U-12 Crib and will consider all comments before the changes are made final. No public meeting is scheduled at this time. To request a public meeting, call John Price, Ecology (509-372-7921) or Kevin Leary, USDOE (509-373-7285).

Please submit comments to:



Mr. John Price
Washington State Department of Ecology
3100 Port of Benton Blvd.
Richland, WA 99354-1670
Fax: (509) 372-7971
Email: jpri461@ecy.wa.gov

Mr. Kevin Leary
U.S. Department of Energy
Richland Operations Office
P.O. Box 550 (A6-38)
Richland, WA 99352
Fax: (509) 372-1926
Email: Kevin_D_Leary@rl.gov

To obtain a copy of the documents call the Hanford Cleanup Line 1-800-321-2008.

The proposed changes can be viewed online at <http://www.hanford.gov/tpa/changelist.htm>

The documents are also available for review at the
Public Information Repositories listed below.

HANFORD PUBLIC INFORMATION REPOSITORY LOCATIONS

Portland
Portland State University
Branford Price and Millar Library
934 SW Harrison
Attn: Judy Andrews (503) 725-4126

Richland
U.S. Department of Energy Public Reading Room
Washington State University, Tri-Cities
Consolidated Information Center, Room 101-L
2770 University Drive
Attn: Janice Parthree (509) 372-7443

Seattle
University of Washington
Suzzallo Library
Government Publications Division
Attn: Eleanor Chase (206) 543-4664

Spokane
Gonzaga University Foley Center
East 502 Boone
Attn: Linda Pierce (509) 323-6110

Administrative Record and Public Information Repository:
Address: 2440 Stevens Center Place, Room 1101, Richland, WA.
Phone: 509-376-2530
Web site address: <http://www2.hanford.gov/arpir/>

Change Number B-05-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date September 26, 2005												
Originator K. D. Leary/D. E. Jackson, RL		Phone 509-373-7285/509-376-8086												
D R A F T														
Class of Change <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager														
Change Title Delete the 216-U-12 Crib from Appendix B of the Tri-Party Agreement Action Plan.														
Description/Justification of Change <p>Appendix B of the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) contains the listing of Treatment, Storage, or Disposal (TSD) groups/units. Historical records were assembled, and an individual was interviewed who was a process engineer in the UO3 building during 1987. The interview and the records (engineering log books, operations log books, official correspondence, a plant operating procedure, a temporary work procedure, and a work plan) demonstrate that hazardous waste was not discharged to the 216-U-12 crib after July 27, 1987. The agreed upon date between Ecology and DOE when the mixed waste rule applies is August 19, 1987. Therefore, the 216-U-12 Crib should be reclassified as a RCRA Past Practice (RPP) site and not a Treatment, Storage, or Disposal (TSD) site.</p> <p>Modifications to Tri-Party Agreement Appendix B are included on page 2 of this change request.</p>														
Impact of Change This is an administrative change modifying Appendix B of the Tri-Party Agreement; there is no impact to Tri-Party Agreement milestones or schedule.														
Affected Documents The Hanford Federal Facility Agreement and Consent Order, as amended, Hanford Facility Part A Permit Application, Groundwater Monitoring Plan for the 216-U-12 Crib, Waste Information Data System for 216-U-12 Crib, the 200-UW-1 Record of Decision and Hanford Site internal planning management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plan; Sitewide Systems Engineering Control Documents; Project Management Plans, and, if appropriate, LDR Report requirements).														
Approvals <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%; border-bottom: 1px solid black;">DOE</td> <td style="width: 15%; border-bottom: 1px solid black;">Date</td> <td style="width: 15%; border-bottom: 1px solid black;">_____ Approved _____</td> <td style="width: 35%; border-bottom: 1px solid black;">_____ Disapproved</td> </tr> <tr> <td style="border-bottom: 1px solid black;">EPA</td> <td style="border-bottom: 1px solid black;">Date</td> <td style="border-bottom: 1px solid black;">_____ Approved _____</td> <td style="border-bottom: 1px solid black;">_____ Disapproved</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Ecology</td> <td style="border-bottom: 1px solid black;">Date</td> <td style="border-bottom: 1px solid black;">_____ Approved _____</td> <td style="border-bottom: 1px solid black;">_____ Disapproved</td> </tr> </table>		DOE	Date	_____ Approved _____	_____ Disapproved	EPA	Date	_____ Approved _____	_____ Disapproved	Ecology	Date	_____ Approved _____	_____ Disapproved	Page 1 of 2
DOE	Date	_____ Approved _____	_____ Disapproved											
EPA	Date	_____ Approved _____	_____ Disapproved											
Ecology	Date	_____ Approved _____	_____ Disapproved											

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Modifications to Tri-Party Agreement Appendix B.

Modifications to Tri-Party Agreement Appendix B are denoted using ~~strikeout~~ for text deletions.

Appendix B

Listing of Treatment, Storage, and Disposal Groups/Units.

<u>Treatment, Storage and Disposal</u>			<u>Planned Action</u>	
Group Number	Group/Units	Operable Unit (if applicable)	Closure*	Operating Permit
D-2-8	216-U-12-Crib	200-UW-1	X	

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Description/Justification Continued

Appendix B of the Tri-Party Agreement contains the listing of Treatment, Storage, or Disposal (TSD) groups/units. Historical records were assembled and an interview conducted with a process engineer located in the UO₃ building during 1987. The interview and the records (engineering log books, operations log books, official correspondence, a plant operating procedure, a temporary work procedure, and a work plan) demonstrate that hazardous waste was not discharged to the 216-U-12 crib after July 27, 1987. The agreed upon date between Ecology and DOE when the mixed waste rule applies is August 19, 1987. Therefore, the 216-U-12 Crib is reclassified as a RCRA Past Practice site and not a Treatment, Storage or Disposal (TSD) site. The double asterisks, indicating a TSD site, are removed from the 216-U-12 Crib in Appendix C by this change request.

Modifications to Tri-Party Agreement Appendix C.

Modifications to Tri-Party Agreement Appendix C are denoted using ~~strikeout~~ for text deletions.

Appendix C
Listing by Operable Unit.

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UW-1	Ecology	RPP	
216-U-12**	216-U-12, 216-U-12 Crib	Crib	

Note: The strike through appearing below the double asterisk is indicating the deletion of the double asterisk.

Appendix C footnotes (displayed for information)

- * Active waste management units where a hazardous substance has been potentially released or a substantial threat of a release of a hazardous substance exists.
- ** Treatment Storage and Disposal (TSD) units where closure and permitting activities are to be coordinated with past practice investigation and remediation activities.
- † Interim Action Record of Decision for the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-2, 100-IU-6, and 200-CW-3 Operable Units (1999)