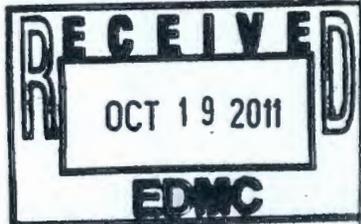


**Office of River Protection, State of Washington Department of Ecology
Tank Waste Retrieval Work Plan/Functions and Requirements Modification Notice
(Per Hanford Federal Facility Agreement and Consent Order Section 9.3)**

1. Document Title and Number: RPP-22393, Rev. 5, 241-C-102, 241-C-104, 241-C-107, 241-C-108 and 241-C-112 Tanks Waste Retrieval Work Plan		
2. Minor Field Change: (Section 12.4 HFFACO Action Plan) <input type="checkbox"/> Yes: (WRPS Signature Only – Attach signed form to Primary Document for record purposes) <input checked="" type="checkbox"/> No: Proceed to Box 3	3. Document Issue Date: 11/30/10	5. Notice Number: 2011-2 
	4. Document Modification Notice Date: 5/10/11	
6. Do proposed changes require schedule changes? (Would this extend completion of retrieval beyond 12 months from date of initiation?) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7. Do proposed changes include specific additions, deletions, or modification to scope and/or requirements which affect the overall intent of the plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	8. (Check only one box) <input type="checkbox"/> Significant Modification (Check if the answer to question in <u>either</u> section 6 or 7 is "yes". Significant modifications require revision of the primary document.) Minor Modification <input checked="" type="checkbox"/> Requires modification of the document <input checked="" type="checkbox"/> Can be accomplished with Modification Notice.
9. Description and Justification of Change:		
<p>Change Description: A change is needed to implement the requirements of Consent Decree No. 08-5085-FVS, United States District Court Eastern District of Washington, October 25, 2010. This opportunity is being taken to clean up a number of out-of-date or inaccurate words in the TWRWP. The changes covered by this modification notice are shown in redline/strikeout on the attached redline/strikeout pgs. xii, 1-1, 2-1, 2-13, 3-1, 3-3, 3-4, 3-6, 3-8, 3-12 to 3-15, 3-17 to 3-25, 4-1, 4-6, 4-14, 5-1, 5-2, 7-1, 9-1, 9-2, 9-5, 9-6, 9-7, 9-8, 9-9, 9-10.</p> <p>Justifications:</p> <ul style="list-style-type: none"> pg xii, added high pressure water definition for clarity, editorial change, added TOC as acronym pg 1-1, para 1 change for clarification, para 2 change to update for Consent Decree wording, para 3 deleted unnecessary old wording pg 2-1, revised date wording for consistency with Consent Decree wording pg 2-13, changed to show revised document number pgs 3-1, changed to comply with Consent Decree wording on second technologies pgs 3-3 to 3-4, waste compatibility assessment, exhauster condensate, and vent system wording changes made to be consistent with Ecology approved C-111 TWRWP (see addition on pg 5-1), fixed TOC typo, deletes unnecessary reference pg 3-6, deletes wording on in-tank vehicle use previously approved by Ecology. In order to comply with Consent Decree this has to be deleted. Revised unnecessarily specific wording on number of diversion boxes. pg 3-8, deletes additional wording on in-tank vehicle use previously approved by Ecology. 		

**Office of River Protection, State of Washington Department of Ecology
 Tank Waste Retrieval Work Plan/Functions and Requirements Modification Notice
 (Per Hanford Federal Facility Agreement and Consent Order Section 9.3)**

- pg 3-12, added in listing of C-107 where it was erroneously deleted in last revision
- pg 3-13, deletes additional wording on in-tank vehicle use previously approved by Ecology
- pgs 3-14 and 3-15, change notify to inform, the words have erroneously stated the formal 'notify' instead of 'inform' and not recognized before
- pg 3-17, deletes additional wording on in-tank vehicle use previously approved by Ecology.
- pg 3-17 to 3-18, added explanatory words on heel dissolution
- pg 3-18, modifies out of date wording on sluicing experience
- pgs 3-19 to 3-21, revises wording on supernate use to be consistent with Ecology approved C-111 TWRWP including adds supernate advantages and disadvantages table requested and approved by Ecology, and deletes reference to deleted TSR control in same table
- pgs 3-21 to 3-22, added rationale words for second technology required by Consent Decree and updated 360 ft³ reference
- pgs 3-23 and 3-24 to 3-25, clarified reference to Consent Decree for 360 ft³ wording
- pg 4-1, added words referencing Consent Decree for TWRWP requirements
- pgs 4-6 and 4-14, adds in words approved by Ecology in Modification Notice 2011-1
- pg 5-1, para 1, clarified Consent Decree applicability and updated TOC and contract number, last para, added words consistent with Ecology approved C-111 TWRWP
- pg 5-2, updated reference
- pg 5-7, changed form to from in item (4)
- pg 7-1, added reference to Consent Decree and made editorial change shown
- pgs 9-1, 9-2, 9-5 to 9-10, updated references

10. Impact of Change:

Change revises document to meet Consent Decree wording. If selected second technologies are not the desired ones to implement following bulk retrieval in a tank, another change(s) will be required to the document.

11. Additional Requirements and/or Provisions:

see attached page attachment with comment
9/20/11

Approvals

Washington River Protection Solutions, LLC.	Office of River Protection	State of Wash., Dept. of Ecology
<input type="checkbox"/> Provisional Approval ² Date	<input type="checkbox"/> Provisional Approval ² Date	<input type="checkbox"/> Provisional Approval ² Date
<input checked="" type="checkbox"/> Final Approval Date <i>6/16/11</i> <i>per telecon with Kent Smith</i>	<input checked="" type="checkbox"/> Final Approval Date <i>7/6/11</i> <i>Tom Z</i>	<input type="checkbox"/> Final Approval Date <i>9-20-11</i>

Notes

- 1 - For use by Ecology to identify any additional information needed to make a decision regarding the request for modifications. In addition, Ecology will identify actions, if any, regarding the modification request that DOE may take pending Ecology's final decision
- 2 - Provisional approval allows DOE and it's contractors to take specific actions identified in section 11, prior to final approval of this modification.

RPP-22393, REVISION 5, 241-C-102, 241-C-104, 241-C-107, 241-C-108, and 241-C-112 TANKS
WASTE RETRIEVAL WORK PLAN

#11 Additional Requirements and/or Provisions

Approval is given with the understanding that:

1. Section 2.1 RETRIEVAL START DATES will be updated with the most current planned retrieval start dates as communicated in the last TPA Project Managers Meeting. Revision 5 currently lists some **out-of-date** planned start dates for waste retrieval operations:
 - a) C-102: November 2012
 - b) C-104: began in January 2010 [no restart date is given]
 - c) **C-107: June 2011**
 - d) **C-108: hard heel removal-January 2011**
 - e) C-112: October 2011

Ecology will be notified, in the TPA Project Managers Meeting, if the retrieval start dates are changed.

2. RPP-22393 will be changed as indicated in the disposition of the attached RCR comments.
3. Ecology is anticipating another RPP-22393 modification notice to include reference to a Definition for Limit of Technology (LOT) For Modified Sluicing document, with additional text to be added to the TWRWP that describes the USDOE process for determining LOT for other technologies.
4. Correspondence 0401281, in RCR comment #1 is 04-TPD-083, "Agreement on Content of Tank Waste Retrieval Work Plans, dated Aug. 20, 2004
5. In RPP-22393, reference to RPP-21753, *C Farm 100 Series Tanks, Retrieval Process Flowsheet Description*, Rev. 1, CH2MHILL will be removed where it is no longer applicable.
6. ORP/WRPS will continue to forward to Ecology the retrieval operations status reports that include
 - a) estimated waste retrieved
 - b) estimated waste remaining
 - c) estimated water used
 - d) estimate supernate transferred to the SST
 - e) summary of recent operations
7. The following references are in the Ecology library and do not need to be added to the RCR form:
 - a) TFC-ENG-FACSUP-CD-22, *Post Retrieval Tank Waste Volume Determination*
 - b) TFC-ENG-CHEM-P-47, *Single-Shell Tank Retrieval Completion Evaluation*.
 - c) TFC-ENG-DESIGN-C-32, *Spreadsheet Development and Verification*

REVIEW COMMENT RECORD (RCR)			1. Date 8/4/11		2. Review No.	
			3. Project No.		4. Page	
5. Document Number(s)/Title(s) RPP-22393, Revision 6, 241-C-102, 241-C-104, 241-C-107, 241-C-108 AND 241-C-112 TANKS WASTE RETRIEVAL WORK PLAN			Project Manager Name Chris Kemp		Reviewer Name Jeff Lyon Nancy Uziemblo <i>Nancy Uziemblo</i>	
Organization Manager (Optional)		10. Agreement with indicated comment disposition(s)		Reviewer/Point of Contact		
		Date		Date		Author/Originator
		Author/Originator		Author/Originator		
12. Item	13. Comment(s)/Discrepancy(s) (Provide technical justification for the comment and detailed recommendation of the action required to correct/resolve the discrepancy/problem indicated.)	14. Reviewer Concurrence Required	15. Disposition (Provide justification if NOT accepted.)	16. Status		
1.	Entries in red added by WRPS for clarity. (A) Include a section following 3.1.3 titled "Performance Monitoring and Measurement"		Rejected. The Consent Decree does not require a Performance Monitoring and Measurement section describing methods for estimating the performance of each technology in the TWRWP. Required TWRWP content can be found in three places 1) the Consent Decree, 2) Appendix I, and 3) Correspondence 0401281. (A) The requested information in the rest of Comment 1 is provided below for information purposes only in response to this comment.	Closed See notes 1, 2, and 3		

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1. Date 8-4-11

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3. Project No. N/A

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12. Item	13. Comment(s)/Discrepancy(s) (Provide technical justification for the comment and detailed recommendation of the action required to correct/resolve the discrepancy/problem indicated.)	14. Reviewer Concurrence Required	15. Disposition (Provide justification if NOT accepted.)	16. Status
	<p>Include (B) the monitoring measurements/systems,</p> <p>(C) methods, and</p>		<p>The requested section is not added to the TWRWP because adding such information would unduly restrict the ability of DOE-ORP and the TOC to make changes in the method, equipment, and procedures as needed.</p> <p>(B) The monitoring measurement/systems currently planned for installation and use in measuring retrieval performance include: a receiving DST level gauge; a flowmeter/totalizer on the slurry line out of the SST; a flowmeter/totalizer on the liquid line into the SST; flowmeter(s)/totalizer(s) on the water line(s) used; video camera(s) in the tank headspace; and local time indication device(s).</p> <p>(C) The method(s) planned to be used include, but may not be limited to: 1) estimation of the volume of SST waste removed based upon DST level change as measured between time periods when the SST liquid is pumped down to comparable levels, minus the water added to the system in the time period; and/or 2) estimation of the concentration of waste in the slurry out of the tank; and/or 3) estimation of the volume of SST waste removed based upon</p>	

REVIEW COMMENT RECORD (RCR)

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12. Item	13. Comment(s)/Discrepancy(s) (Provide technical justification for the comment and detailed recommendation of the action required to correct/resolve the discrepancy/problem indicated.)	14. Reviewer Concurrence Required	15. Disposition (Provide justification if NOT accepted.)	16. Status
	<p>(D) estimating procedures that will be used for estimating each technology performance for each tank to: (1) obtain the CD volume goal (include both (a) active retrieval and</p>		<p>visual observation at different times; and/or 4) estimation of the volume of SST waste removed based upon volume displacement measurements.</p> <p>The concentration of waste in the slurry out of the tank may be measured by the volume of SST waste into the DST divided by the slurry volume, or by comparison between inlet and outlet flowmeter values.</p> <p>During retrieval operations Ecology receives status reports daily that include: estimated waste retrieved; estimated waste remaining; estimated water used; estimated supernate transferred to the SST; and a summary of recent operations. From these reports rate and percent complete can be estimated.</p> <p>The TWRWP contains information regarding tracking and monitoring retrieval in Section 3.1.3 and, although not required, the definition of "limit of technology" from the Consent Decree has been added to Section 3.1.3.</p> <p>(D)(1)(a) During active retrieval operations data are collected and calculations performed in an Excel file filled out by engineering</p>	

REVIEW COMMENT RECORD (RCR)		1. Date 8-4-11	2. Review No.	
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12. Item	13. Comment(s)/Discrepancy(s) (Provide technical justification for the comment and detailed recommendation of the action required to correct/resolve the discrepancy/problem indicated.)	14. Reviewer Concurrence Required	15. Disposition (Provide justification if NOT accepted.)	16. Status
	<p>(b) post retrieval),</p> <p>(2) and if different monitoring measurements/systems, methods, and estimating procedures will be used for determining "limits of technology", please include those</p>		<p>personnel. This file will be similar for each tank, although C-107 will likely have additional data points because it has more and slightly different flowmeters/totalizers. There are no written procedures for filling out the Excel file, it is filled out by knowledgeable personnel and the data reviewed and verified. The file normally goes through a software verification at key points (e.g., at 50% retrieved, etc.) within the process. Software verification is done per TFC-ENG-DESIGN-C-32, Spreadsheet Development and Verification. A copy of which is attached to this RCR response.</p> <p>Procedures/methods used for monitoring equipment performance are revised as needed and a description of them have no place in a TWRWP.</p> <p>D)(1)(b) The post retrieval volume determination is performed following procedure TFC-ENG-FACSUP-CD-22, <i>Post Retrieval Tank Waste Volume Determination</i> and TFC-ENG-CHEM-P-47, <i>Single-Shell Tank Retrieval Completion Evaluation</i>. Attached to this RCR response are copies of each procedure.</p> <p>(D)(2)(a) Monitoring methods are</p>	

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		3. Project No. N/A	4. Page 6 of 11	
12. Item	13. Comment(s)/Discrepancy(s) (Provide technical justification for the comment and detailed recommendation of the action required to correct/resolve the discrepancy/problem indicated.)	14. Reviewer Concurrence Required	15. Disposition (Provide justification if NOT accepted.)	16. Status
	3) if alternate methods will be employed or considered if the primary methods or equipment fails, please include the description of those (a) monitoring measurements/systems, (b) methods, and (c) estimating procedures and (d) the basis for implementing these methods.			
2.	IN RETRIEVAL START DATES Add Completion date as specified in the Decree, Appendix B, Project B-1 is 9/30/2014.		Accepted but modified. See redline strikeout page 2-1.	Closed
3.	<p>Entries in red added by WRPS for clarity. Add to section 3.0 the bold sections below:</p> <p>If required to meet the tank residual waste conditions in the Decree, the second technology for C-102, C-104, C-108 or C-112 will be a chemical retrieval process. <u>(A) Should the chemical retrieval process as the second technology not be the preferred method when the primary technology has been deployed to its limits, a TWRWP change will be made to seek approval for the different technology.</u></p> <p><u>(B) This chemical retrieval process is considered to be a series of steps designed to remove as much waste as possible. The steps, in part, are determined by the remaining waste volume and physical and chemical composition. The chemical retrieval process will include one or more steps until the limit of technology for the chemical retrieval process has been reached.</u></p> <p>Ecology will be informed of the pre-retrieval estimated volume of liquids to be added to the tank prior to the initial additions.</p> <p><u>(C) The limit of technology for the chemical retrieval process will follow the Decree (page 37) definition:</u> <u>"The 'limits of technology' means that the recovery rate of that retrieval</u></p>		<p>(A) Accepted but modified. See redline strikeout section 3.3 page 3-25.</p> <p>(B) Accepted but modified, see redline strikeout section 3.1.4, page 3-16.</p> <p>(C) Accepted see redline strikeout</p>	Closed

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3. Project No. N/A

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12. Item	13. Comment(s)/Discrepancy(s) (Provide technical justification for the comment and detailed recommendation of the action required to correct/resolve the discrepancy/problem indicated.)	14. Reviewer Concurrence Required	15. Disposition (Provide justification if NOT accepted.)	16. Status
	<p><u>technology for that tank is, or has become, limited to such an extent that it extends the retrieval duration to the point at which continued operation of the retrieval technology is not practicable, with the consideration of practicability to include matters such as risk reduction, facilitating tank closures, costs, the potential for exacerbating leaks, worker safety, and the overall impact on the tank waste retrieval and treatment mission.</u></p> <p><u>(D)In addition, in accordance with the Decree, Appendix C, Part 1:</u> <u>“If the waste residual goal of 360 cubic feet is not achieved using the established two technologies, an additional retrieval technology established in a revised TWRWP shall be deployed to the “limits of technology;” provided that DOE may request that the State agree that DOE may forego implementing a third retrieval technology if DOE believes implementing such technology is not practicable under the criteria set forth above [in Appendix C, Part 1 of Decree]. If DOE and Ecology are unable to reach agreement, the resolution of the issue of whether a third retrieval technology shall be deployed shall be resolved through the dispute resolution process set forth in Section IX of this Decree.”</u></p> <p>The primary technology for C-107 will be sluicing. The second technology will be high-pressure water spray. Both of these technologies will be deployed via MARS-S. <u>(E)The MARS-S is a mobile arm capable of rotating and extending in the tank. The head of the arm is equipped with two technologies (supernate nozzles and high pressure water spray nozzles) to mobilize the waste and direct it to a pump for removal.</u> <u>(F)The MARS-S is designed to implement both the primary and the secondary technology without any additional installations. The primary technology is a low pressure/sluicing with supernate; the secondary technology is the addition of a high pressure water spray.</u> <u>(G)For determination of “Limit of Technology”, data will be used after</u></p>		<p>section 3.1.3 page3-15.</p> <p>(D) No change required. This definition is already included in redline strikeout section 3.0 page 3-1.</p> <p>(E) Accepted but modified see redline strikeout section 3.1.1, page 3-2 and section 3.0, 3-1.</p> <p>(F) Accepted but modified. See redline strikeout section 3.0, page 3-1.</p> <p>(G) Accepted but modified. See redline strikeout section 3.1.3,</p>	

REVIEW COMMENT RECORD (RCR)

1. Date 8-4-11

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3. Project No. N/A

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12. Item	13. Comment(s)/Discrepancy(s) (Provide technical justification for the comment and detailed recommendation of the action required to correct/resolve the discrepancy/problem indicated.)	14. Reviewer Concurrence Required	15. Disposition (Provide justification if NOT accepted.)	16. Status
	<p><u>implementation of both of low pressure and high pressure operations (each technology will not be evaluated for its limit of technology separately).</u></p> <p><u>(H)In accordance with the Decree, Part IV, B., 5: “When DOE completes retrieval of waste from a tank covered by this Decree, DOE will submit to Ecology a written certification that DOE has completed retrieval of that tank. For purposes of this Consent Decree, “complete retrieval” means that retrieval of tank waste in accordance with Part 1 of Appendix C and with the retrieval technology/systems that were established by Part 1 of the TWRWP either by approval of Ecology or after dispute resolution by the Court under Section IX of the Decree.”</u></p>		<p>page 3-15.</p> <p>(H) Accepted, see redline strikeout section 3.1.3, page 3-16.</p>	
4.	<p>Add to section 3.1.3</p> <p>Ecology is <u>notified</u> when it appears that the limits of technology have been reached.</p>		<p>Accepted but modified. See redline strikeout section 3.1.3, page 3-15.</p>	Closed
5.	<p>IN TECHNOLOGIES CONSIDERED AND RATIONALE FOR SELECTION</p> <p>Candidate waste retrieval technologies currently available for deployment at tanks C-102, C-104, C-107, C-108, and C-112 are (1) modified sluicing, (2) the mobile retrieval system, and (3) the MARS.</p> <p>Consider:</p> <p>At this location in the report, clarify what technologies will be used for each tanks and why they were selected for each tank.</p>		<p>No change required. See redline strikeout section 3.3 paragraph 6 on page 3-24.</p>	Closed
6.	<p>IN TECHNOLOGIES CONSIDERED AND RATIONALE FOR SELECTION</p> <p>The second technology alternatives, should one be required for residual waste removal following modified sluicing, are an in-tank vehicle and chemical dissolution.</p> <p>Consider in adding clarification on chemical technology vs. chemical retrieval process and/or chemical dissolution.</p>		<p>Accepted but modified. See redlines strikeout section 3.3, page 3-24.</p>	Closed

REVIEW COMMENT RECORD (RCR)

1. Date 8-4-11

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3. Project No. N/A

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12. Item	13. Comment(s)/Discrepancy(s) (Provide technical justification for the comment and detailed recommendation of the action required to correct/resolve the discrepancy/problem indicated.)	14. Reviewer Concurrence Required	15. Disposition (Provide justification if NOT accepted.)	16. Status
	<p>For example in the locations highlighted in yellow:</p> <p>Chemical retrieval process is preferable for heels where the volume is relatively low so the impact on DST space and the WTP throughput volume is less. The chemical retrieval process may also be preferable if the particles are small because the surface area for dissolution is greater and an in-tank vehicle may just push the fine particles around the tank.</p> <p>The chemical retrieval process was selected as the second technology for C-104 and C-108 as it can be deployed in less time than an in-tank vehicle and because it is believed the estimated residual heel volume could be chemically reduced to below 360 ft³ without causing a significant impact to the available DST space or the WTP throughput volume.</p> <p>The chemical retrieval process was selected as the second technology for C-102 and C-112 as it can be deployed in less time than an in-tank vehicle when the primary technology is no longer effective and the tank residual waste volume in the Decree is exceeded.</p>			
7.	<p>IN TECHNOLOGIES CONSIDERED AND RATIONALE FOR SELECTION</p> <p>Add:</p> <p><u>The primary and second technologies have been selected based on the anticipated success of reaching their “limits of technology” in an effort to obtain a waste residue goal of 360 cubic feet of waste or less for each tank, as defined in the Decree (page 37): definition:</u></p> <p><u>“The ‘limits of technology’ means that the recovery rate of that retrieval technology for that tank is, or has become, limited to such an extent that it extends the retrieval duration to the point at which continued operation of the retrieval technology is not practicable, with the consideration of practicability to include matters such as risk reduction, facilitating tank closures, costs, the potential for exacerbating leaks, worker safety, and the overall impact on the tank waste</u></p>		Accepted but modified. See redline strikeout section 3.3, page 3-25. A reference to section 3.1.3 and the limit of technology definition is made rather than repeating the limit of technology definition.	Closed

REVIEW COMMENT RECORD (RCR)				1. Date 8-4-11		2. Review No.					
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12. Item	13. Comment(s)/Discrepancy(s) (Provide technical justification for the comment and detailed recommendation of the action required to correct/resolve the discrepancy/problem indicated.)			14. Reviewer Concurrence Required	15. Disposition (Provide justification if NOT accepted.)		16. Status				
	<u>retrieval and treatment mission.</u>										
8.	<p>IN ANTICIPATED PERFORMANCE GOALS add bold highlighted words: The WRS for tanks C-102, C-104, C-107, C-108, and C-112 will be designed to deploy the selected technologies to each of their “limits of technology” in an effort to obtain a waste residue goal of 360 cubic feet of waste or less for each tank. The limit of technology will follow the Decree (page 37).in accordance with the requirements of the Decree.</p>				Accepted, but modified. See redline strikeout section 3.4, page 3-25.		Closed				
9.	<p>In table 3-4, add bold highlighted words:</p> <table border="1"> <tr> <td>Remove waste from tanks C-102, C-104, C-107, C-108, and C-112</td> <td>The WRS shall be designed to deploy the selected technologies to each of their “limits of technology” in an effort to obtain a waste residue goal of 360 cubic feet of waste or less for each tank. The limit of technology will follow the Decree</td> <td>WAC 173-303 Decree</td> <td>The WRS shall provide the ability to retrieve a waste residue goal of 360 cubic feet of waste or less for each tank.</td> </tr> </table>			Remove waste from tanks C-102, C-104, C-107, C-108, and C-112	The WRS shall be designed to deploy the selected technologies to each of their “limits of technology” in an effort to obtain a waste residue goal of 360 cubic feet of waste or less for each tank. The limit of technology will follow the Decree	WAC 173-303 Decree	The WRS shall provide the ability to retrieve a waste residue goal of 360 cubic feet of waste or less for each tank.		Accepted, but modified. See redline strikeout section 3.6, page 3-26.		Closed
Remove waste from tanks C-102, C-104, C-107, C-108, and C-112	The WRS shall be designed to deploy the selected technologies to each of their “limits of technology” in an effort to obtain a waste residue goal of 360 cubic feet of waste or less for each tank. The limit of technology will follow the Decree	WAC 173-303 Decree	The WRS shall provide the ability to retrieve a waste residue goal of 360 cubic feet of waste or less for each tank.								

Final Notes

Based on modification notice 2011-02 Ecology additional requirements (section 11) the following changes were made:

- Retrieval start dates were updated in section 2.1
- The references to RPP-21753 were deleted in sections 7.1.1.2 and 7.1.3.1 and the appropriate appendices referenced because the appendices have more current information for retrieval leak concentrations.

REVIEW COMMENT RECORD (RCR)

1. Date 8-4-11

2. Review No.

3. Project No. N/A

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1. Correspondence 0401281 is jointly recognized as 04-TPD-083 Agreement on Content of Tank Waste Retrieval Work Plans.
2. The TOC will continue to inform Ecology of retrieval status as noted in the response to comment 1 and modification notice additional requirements.
3. Ecology has acknowledged that the documents identified in response to comment 1 have been received and do not need to added as an attachment to this RCR.