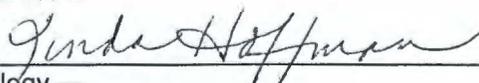
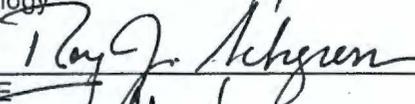
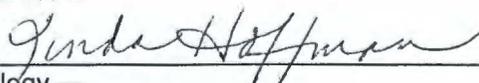
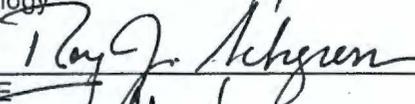
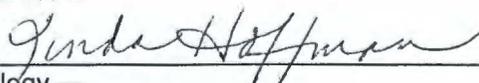
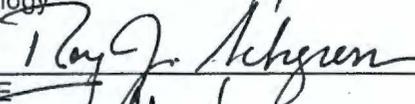


<b>Change Number</b> M-47-03-01	<b>Federal Facility Agreement and Consent Order  Change Control Form</b> Do not use blue ink. Type or print using black ink.	<b>Date</b> June 24, 2003																		
<b>Originator</b> Washington State Department of Ecology		<b>Phone</b>																		
<b>Class of Change</b> <input checked="" type="checkbox"/> I – Signatories <input type="checkbox"/> II – Executive Manager <input type="checkbox"/> III – Project Manager																				
<b>Change Title</b> Modification of <u>Hanford Federal Facility Agreement and Consent Order</u> (HFFACO) requirements M-47-00, M-47-01, M-47-02, M-47-03A, M-47-04 and M-47-06 to accelerate joint agency decisions and schedule establishment regarding completion of tank waste treatment options.																				
<b>Description/Justification of Change</b> This M-47-03-02 change package modifies M-47-00, M-47-01, M-47-02, M-47-03A, M-47-04 and M-47-06 to be consistent with the Parties concurrent M-62-03-02 Change Request deleting the Phase I and Phase II tank waste treatment concept. These M-47 changes are made to align waste feed operations with other elements of DOE's tank waste treatment, storage and disposal system. <div style="text-align: center; margin-top: 20px;">  </div>																				
<b>Impact of Change</b> This change request Modifies <u>Hanford Federal Facility Agreement and Consent Order</u> (HFFACO) work requirements at M-47-00, M-47-01, M-47-02, M-47-03A, M-47-04 and M-47-06.																				
<b>Affected Documents</b> The <u>Hanford Federal Facility Agreement and Consent Order</u> , as amended, including HFFACO Action Plan Appendix D, DOE's Annual Land Disposal Restrictions Report, DOE's Tank Farm Closure/Post-Closure Workplan Update and Hanford site internal planning, management, and budget documents (e.g., DOE and DOE contractor Baselines, Baseline Change Control documents and contracts.																				
<b>Approvals</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; border-bottom: 1px solid black; vertical-align: bottom;">   Ecology </td> <td style="width: 20%; border-bottom: 1px solid black; vertical-align: bottom;"> 12/22/03 </td> <td style="width: 10%; border-bottom: 1px solid black; vertical-align: bottom;"> <input checked="" type="checkbox"/> </td> <td style="width: 10%; border-bottom: 1px solid black; vertical-align: bottom;"> Approved </td> <td style="width: 10%; border-bottom: 1px solid black; vertical-align: bottom;"> <input type="checkbox"/> </td> <td style="width: 10%; border-bottom: 1px solid black; vertical-align: bottom;"> Disapproved </td> </tr> <tr> <td style="border-bottom: 1px solid black; vertical-align: bottom;">   DOE </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> 12/18/03 </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> <input checked="" type="checkbox"/> </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> Approved </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> <input type="checkbox"/> </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> Disapproved </td> </tr> <tr> <td style="border-bottom: 1px solid black; vertical-align: bottom;">   EPA </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> 12/24/03 </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> <input checked="" type="checkbox"/> </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> Approved </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> <input type="checkbox"/> </td> <td style="border-bottom: 1px solid black; vertical-align: bottom;"> Disapproved </td> </tr> </table>			 Ecology	12/22/03	<input checked="" type="checkbox"/>	Approved	<input type="checkbox"/>	Disapproved	 DOE	12/18/03	<input checked="" type="checkbox"/>	Approved	<input type="checkbox"/>	Disapproved	 EPA	12/24/03	<input checked="" type="checkbox"/>	Approved	<input type="checkbox"/>	Disapproved
 Ecology	12/22/03	<input checked="" type="checkbox"/>	Approved	<input type="checkbox"/>	Disapproved															
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 EPA	12/24/03	<input checked="" type="checkbox"/>	Approved	<input type="checkbox"/>	Disapproved															

## Description/Justification of Change (continued)

Modifications to the M-47 milestone series incorporated into the HFFACO by approval of this M-47-03-02 Change Request are shown here as either shaded additions, or strikethrough deletions.

MS Number	Milestone Description	Due Date
M-47-00	DOE, <del>DOE'S</del> PROJECT HANFORD MANAGEMENT CONTRACTOR (PHMC), AND ASSOCIATED CONTRACTORS SHALL COMPLETE ALL WORK NECESSARY IN SUPPORT OF THE ACQUISITION AND PHASE 4 OPERATIONS OF HANFORD SITE HIGH-LEVEL RADIOACTIVE TANK WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES. WORK INCLUDED UNDER THIS MILESTONE SERIES SHALL INCLUDE BUT IS NOT LIMITED TO WORK NECESSARY TO : 1.) PROVIDE TIMELY TANK WASTE FEED TO TANK WASTE TREATMENT FACILITIES, 2.) PROVIDE ADEQUATE DOUBLE SHELL TANK (DST) SPACE, 3.) PROVIDE NECESSARY INFRASTRUCTURE INCLUDING SOLID WASTE SERVICES AND SECONDARY WASTE TREATMENT (E.G. TANK WASTE TREATMENT FACILITY LIQUID EFFLUENTS). SEE ALSO MILESTONE SERIES M-90-00. THE PARTIES WILL REVISE OR CONFIRM THE DUE DATES FOR MILESTONES M-47-01, M-47-02, M-47-03, M-47-03A, M-47-04, M-47-05 AND M-47-05A WITHIN 6 MONTHS OF AUTHORIZATION TO PROCEED (SEE MILESTONE M-62-04). REVISION, IF NECESSARY, SHALL BE CONSISTENT WITH COMPLETION OF HOT COMMISSIONING BY 2007, COMMERCIAL OPERATIONS BY 1/31/2010, AND COMPLETION OF THE PRETREATMENT AND VITRIFICATION OF NO LESS THAN 10% OF HANFORD'S TANK WASTE BY MASS AND 25% BY WEIGHT ACTIVITY, PHASE 4 TREATMENT BY 2/28/2018. COMPLIANCE WITH THE WORK SCHEDULES SET FORTH IN THIS M-47 SERIES IS DEFINED AS THE PERFORMANCE OF SUFFICIENT WORK TO ASSURE WITH REASONABLE CERTAINTY THAT DOE WILL ACCOMPLISH SERIES M-47 MAJOR AND INTERIM MILESTONE REQUIREMENTS. DOE INTERNAL WORK SCHEDULES (I.E., DOE APPROVED SCHEDULE BASELINES) AND ASSOCIATED WORK DIRECTIVES AND AUTHORIZATIONS SHALL BE CONSISTENT WITH THE REQUIREMENTS OF THIS AGREEMENT. MODIFICATION OF DOE CONTRACTOR BASELINE(S) AND ISSUANCE OF ASSOCIATED DOE WORK DIRECTIVES AND/OR AUTHORIZATIONS THAT ARE NOT CONSISTENT WITH AGREEMENT REQUIREMENTS SHALL NOT BE FINALIZED PRIOR TO APPROVAL OF AN AGREEMENT CHANGE REQUEST SUBMITTED PURSUANT TO AGREEMENT ACTION PLAN 12.0.	02/28/2018
M-47-01	COMPLETE CONSTRUCTION OF THE TRANSFER SYSTEM FROM THE 241-AP TANK FARM TO THE <del>BNFL WTP</del> FACILITY TO SUPPORT THE START OF HOT COMMISSIONING OF THE PHASE 4 TANK WASTE TREATMENT COMPLEX.	03/31/2006
M-047-02	COMPLETE STARTUP AND TURNOVER ACTIVITIES FOR REQUIRED TRANSER SYSTEM UPGRADES TO ALLOW TRANSFER OF FIRST HIGH-LEVEL WASTE FEED TO THE PRETREATMENT/TREATMENT COMPLEX.	<del>3/31/2007</del> 3/31/2009
M-47-03A	COMPLETE STARTUP AND TURNOVER ACTIVITIES FOR WASTE RETRIEVAL AND MOBILIZATION SYSTEMS FOR SELECTED INITIAL HIGH-LEVEL WASTE FEED TANK.	<del>2/28/2007</del> 3/31/2009
M-47-04	COMPLETE STARTUP AND TURNCOVER ACTIVITIES FOR REQUIRED TRANSFER SYSTEM UPGRADES TO ALLOW TRANSFER OF FIRST LOW-ACTIVITY WASTE FEED TO THE PRETREATMENT/TREATMENT COMPLEX. <del>INSTALLATION OF THE PUMP WILL NOT BE REQUIRED UNTIL NECESSARY TO SUPPORT WTP WASTE FEED ACTIVITIES.</del>	<del>6/30/2007</del> 3/31/2009
M-47-05	START CONSTRUCTION OF WASTE RETRIEVAL AND MOBILIZATION SYSTEMS FOR SELECTED INITIAL LOW-ACTIVITY WASTE FEED TANK (OTHER THAN AZ-101 AND AZ-102).	5/31/2004
M-47-05A	COMPLETE STARTUP AND TURNOVER ACTIVITIES FOR WASTE RETRIEVAL AND MOBILIZATION SYSTEMS FOR SELECTED INITIAL LOW-ACTIVITY WASTE FEED TANK (OTHER THAN AZ-101 OR AZ-102).	4/30/2006

M-47-03-01 June 24, 2003

Description/Justification of Change (continued)

M-47-06

COMPLETE NEGOTIATION OF ADDITIONAL AGREEMENT REQUIREMENTS  
(MILESTONES, TARGET DATES, AND ASSOCIATED LANGUAGE) GOVERNING WORK  
NECESSARY TO SUPPORT COMPLETION OF TREATMENT COMPLEX PHASE-I  
OPERATIONS BY 2018.

6/30/2010