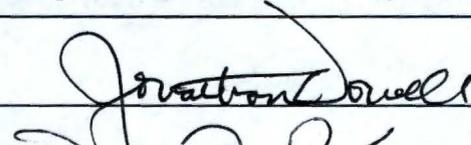
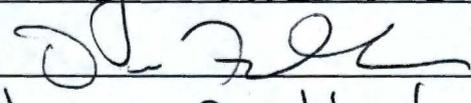
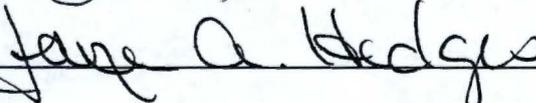
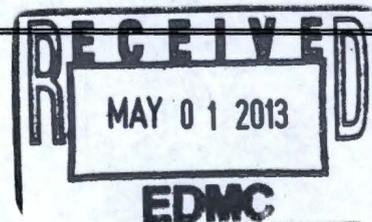


Change Number M-16-12-06	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date November 26, 2012
Originator J. A. Dowell		Phone (509) 373-9971
Class of Change <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager		
Change Title Modifications to Milestones M-016-00A, M-016-55, and M-016-145; and creation of new TPA Milestones		
Description/Justification of Change <p>The following Tri-Party Agreement milestones require interim response actions for waste sites to be completed by December 31, 2012:</p> <ul style="list-style-type: none"> • M-016-00A (100 Area, excluding groundwater actions covered under Milestone M-016-00 and 100 K Area response actions addressed in M-016-00C); • M-016-55 (100-N Area); and • M-016-145 (100-K Area sites located outside of the 100 K perimeter boundary). <p>The U.S. Department of Energy, Richland Operations Office, the U.S. Environmental Protection Agency, and the Washington State Department of Ecology agree to: extend the completion date of these three existing milestones; revise M-016-00A to apply to final response actions, not just interim response actions; revise M-016-55 and M-016-145 to provide additional time for waste site cleanup; and to establish nine new interim milestones. This change request provides additional time for performing interim response actions at sites where contamination was more extensive than expected. Additionally, this change control form addresses 154 waste sites that have been added to the list of waste sites included in the 100 Area Records of Decision.</p> <p><i>Description/Justification of Change continued on next page.</i></p>		
Impact of Change This change results in modifications to the scope and completion dates for M-016-00A, M-016-55, and M-016-145. The change also establishes nine new interim milestones for continued waste site response in the 100 Areas.		
Affected Documents The Hanford Federal Facility Agreement and Consent Order (HFFACO), as amended, and Hanford Site internal planning, management, and budget documents.		
Approvals		
J. A. Dowell DOE		4.25.13 ✓ Approved Disapproved Date
D. A. Faulk EPA		4/27/13 ✓ Approved Disapproved Date
J. A. Hedges Ecology		4/25/13 ✓ Approved Disapproved Date



Description/Justification of Change (continued):

Modifications are denoted by using ~~strikeout~~ to indicate text deletions and double underline to indicate text additions:

Number	Milestone	Due Date
<p>M-016-00A <u>Lead</u> <u>Agency:</u> <u>Dual</u></p>	<p>Complete all interim response actions for the 100 Area units (except groundwater actions which are covered under Major Milestone M-016-00 and <u>100 K Area response actions addressed in M-016-00C</u>), with the exception of 100 K Area, by the specified due date as approved in a Remedial Design/Remedial Action Work Plan.</p> <p>Completion of interim response actions is defined as the completion of the interim ROD or action memorandum requirements in accordance with an approved RD/RA work plan or removal action work plan and obtain EPA and/or Ecology approval of <u>waste site reclassification forms</u> the appropriate project closeout documents.</p>	<p>December 31, 2012 <u>03/31/2017</u></p>
<p>M-016-145 <u>Lead</u> <u>Agency:</u> <u>EPA</u></p>	<p>Complete the interim response actions for 100-K Area facilities and waste sites not included as Phase 1, Phase 2, or Phase 3 work.</p> <p><u>Complete 100-K Area interim response actions for the following sites: 128-K-2; 100-K-78; 600-29; 100-K-84; 100-K-86, 100-K-89; 100-K-92; 100-K-87; 100-K-91; 100-K-93; 100-K-95, 100-K-111 and 118-K-1.</u></p> <p>These are the facilities and waste sites which are outside the 100-K perimeter boundary. Phase 1, Phase 2, and Phase 3 facilities and waste sites are defined in the 100 K Area RD/RA Work Plans.</p>	<p>December 31, 2012 <u>03/31/2014</u></p>
<p>M-016-146 <u>Lead</u> <u>Agency:</u> <u>EPA</u></p>	<p><u>Complete 100-B/C Area interim response actions at the 100-C-7 and 100-C-7:1 waste sites</u></p>	<p><u>03/31/2014</u></p>
<p>M-016-148 <u>Lead</u> <u>Agency:</u> <u>EPA</u></p>	<p><u>Complete interim response actions for the following 100-IU-2/6 waste sites: 600-306, 600-307, 600-308, 600-311, 600-312, 600-314, 600-324, 600-325.</u></p>	<p><u>03/31/2013</u></p>
<p>M-016-149 <u>Lead</u> <u>Agency:</u> <u>EPA</u></p>	<p><u>Complete 100-IU-2/6 interim response actions for the following waste sites:</u> <u>600-293, 600-294, 600-298, 600-299, 600-300, 600-301, 600-303, 600-305, 600-309, 600-310, 600-313, 600-316, 600-318, 600-319, 600-320, 600-321, 600-328, 600-329, 600-331, 600-332, 600-334, 600-326, 600-349, 600-358, 600-368, 600-369, 600-370, 600-371, 600-372, 600-373, 600-374, 600-375, 600-376, 600-377, 600-378, 600-379.</u></p>	<p><u>03/31/2015</u></p>
<p>M-016-158 <u>Lead</u> <u>Agency:</u> <u>Ecology</u></p>	<p><u>Complete interim response actions for the following 100-D and 100-H Area waste sites: 100-D-8, 118-D-2, 118-D-3, 116-H-5, 126-H-2, 128-H-1, 132-H-3 (Backfill and revegetation of 116-5 and revegetation of 118-D-2, 118-D-3, and 132-H-3 will be deferred to M-16-161 to support the remaining waste site remediation activities).</u></p>	<p><u>03/31/2013</u></p>
<p>M-016-159 <u>Lead</u></p>	<p><u>Complete interim response actions for the following 100-D and 100-H Area waste sites: 100-D-14, 100-D-56, 100-D-62, 100-D-63, 100-D-</u></p>	<p><u>03/31/2015</u></p>

<u>Agency:</u> <u>Ecology</u>	<u>65, 100-D-66, 100-D-71, 100-D-73, 100-D-75:2, 100-D-76, 100-D-78, 100-D-80, 100-D-81, 100-D-96, 100-D-101, 100-D-102, 116-DR-3, 118-D6:4, 1607-D1, 1607-D2, 100-H-37, 100-H-43, 100-H-48, 100-H-52, 100-H-57.</u>	
<u>M-016-161</u> <u>Lead</u> <u>Agency:</u> <u>Ecology</u>	<u>Complete 100-D and 100-H Area interim response actions for the following waste sites: 100-D-30, 100-D-31, 100-D-50 (except 100-D-50:2), 100-D-69, 100-D-72, 100-D-77, 100-D-83, 100-D-84, 100-D-85, 100-D-86, 100-D-97, 100-D-98:2, 100-D-99, 100-D-100, 100-D-103, 100-D-104, 100-D-105, 100-D-106, 100-H-28, 100-H-38, 100-H-42, 100-H-44, 100-H-46, 100-H-49, 100-H-51, 100-H-53, 100-H-56, 100-H-59, and 600-385, including revegetation of 100-D and 100H wastes sites.</u> <u>Complete the decommissioning of the in-situ redox manipulation pond (147-D), a surface impoundment constructed as part of the 100-HR-3 Operable Unit interim remedial action.</u>	<u>03/31/2016</u>
<u>M-016-55</u> <u>Lead</u> <u>Agency:</u> <u>Ecology</u>	<u>Complete the interim response actions for the 100 N Area. Complete interim response actions of the following waste sites: 100-N-1, 100-N-3, 100-N-4, 100-N-5, 100-N-13, 100-N-14, 100-N-17, 100-N-18, 100-N-33, 100-N-34, 100-N-45, 100-N-46, 100-N-47, 100-N-50, 100-N-51A, 100-N-51B, 116-N-1, 116-N-3, 120-N-1, 120-N-2, 124-N-4, 600-35, UPR-100-N-11, UPR-100-N-37.</u> <u>Complete 100-N Area Ancillary Facility removal actions for the following facilities: 13-N, 105-NA, 116-N, 117-N, 117-NVH, 119-N, 119-NA, 163-N, 181-N, 181-NA, 181-NB, 181-NE, 184-N, 184-NA, 184-NB, 184-NF, 185-N, 1300-N, 1304-N, 1310-N, 1312-N, 1313-N, 1314-N, 1315-N, 1316-N, 1316-NA, 1316-NB, 1316-NC, 1322-N, 1322-NA, 1322-NB, 1322-NC, 1327-N, 1605-NE, 1701-NE, 1703-N, 1712-N, 1714-NB, 1716-NE, 1722-N, 1802-N, 105-N & 107-N Pipe Trench 105-NE, 107-N, 108-N, 166-N, 182-N, 1303-N, 1715-N, 1900-N, 1908-N, and 1908-NE.</u>	<u>December 31, 2012</u> <u>03/31/2013</u>
<u>M-016-162</u> <u>Lead</u> <u>Agency:</u> <u>Ecology</u>	<u>Initiate operations of in-situ bioremediation systems for UPR-100-N-17 in accordance with 100-N Area Remedial Design Report/Remedial Action Work Plan.</u>	<u>12/31/2012</u>
<u>M-016-163</u> <u>Lead</u> <u>Agency:</u> <u>Ecology</u>	<u>Complete interim response actions (excluding backfill and revegetation) for the following 58 100-N Area waste sites: 100-N-6, 100-N-16, 100-N-22, 100-N-23, 100-N-24, 100-N-25, 100-N-26, 100-N-29, 100-N-30, 100-N-31, 100-N-32, 100-N-36, 100-N-37, 100-N-38, 100-N-57, 100-N-59, 100-N-60, 100-N-61, 100-N-63, 100-N-64, 116-N-2, 116-N-4, 118-N-1, 120-N-3, 120-N-7, 124-N-1, 124-N-2, 124-N-3, 124-N-9, 128-N-1, 1908-N, 1908-NE, UPR-100-N-1, UPR-100-N-2, UPR-100-N-3, UPR-100-N-4, UPR-100-N-5, UPR-100-N-6, UPR-100-N-7, UPR-100-N-8, UPR-100-N-9, UPR-100-N-10, UPR-100-N-12, UPR-100-N-13, UPR-100-N-14, UPR-100-N-19, UPR-100-N-21, UPR-100-N-22, UPR-100-N-23, UPR-100-N-25, UPR-100-N-26, UPR-100-N-29, UPR-100-N-30, UPR-100-N-31, UPR-100-N-32, UPR-100-N-36, UPR-100-N-39, UPR-100-N-43.</u> <u>Initiate operations of in-situ bioremediation systems for UPR-100-N-42 in accordance with the approved 100-N Remedial Design.</u>	<u>03/31/2015</u>

	<u>Report/Remedial Action Work Plan.</u>	
<u>M-016-164</u> <u>Lead</u> <u>Agency:</u> <u>Ecology</u>	<u>Complete 100-N interim response actions by performing remediation of the following waste sites:</u> <u>100-N-28, 100-N-35, 100-N-53, 100-N-54, 100-N-55, 100-N-62, 100-N-68, 100-N-81, 100-N-82, 100-N-83, 100-N-84, 100-N-86, 100-N-87, 100-N-88, 100-N-89, 100-N-90, 100-N-91, 100-N-92, 100-N-93, 100-N-94, 100-N-95, 100-N-96, 100-N-97, 100-N-98, 100-N-99, 100-N-100, 100-N-101, 100-N-102, 100-N-103, 120-N-4, 130-N-1, 600-340, 628-2, UPR-100-N-18, UPR-100-N-20, UPR-100-N-24, including backfill and revegetation of the M-016-163 sites.</u> <u>Close the 100-N Ancillary Facilities Area of Contamination in accordance with the Removal Action Work Plan for 100-N Area Ancillary Facilities.</u>	<u>03/31/2017</u>