

Change Number M-45-15-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date 03/26/15
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Originator T. W. Fletcher, DOE-ORP	Phone (509) 376-3434
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Class of Change <input type="checkbox"/> I - Signatories	<input checked="" type="checkbox"/> II - Executive Manager	<input type="checkbox"/> III - Project Manager
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Change Title
Modify Milestone M-045-92 Due Dates

Description/Justification of Change
 This change control form modifies Milestone M-045-92 due dates for construction of Barriers 1 and 2 and design and construction of Barriers 3 and 4.

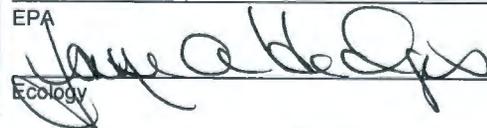
Good cause exists for changing the milestone due dates because ORP was required to shift resources to other higher priority, higher risk work scope for the Radioactive Liquid Tank Waste Stabilization and Disposition Project (i.e. Project Baseline Summary ORP-0014), including among other things, safety concerns. As a result, construction of the SX Barriers 1 and 2 has been delayed.

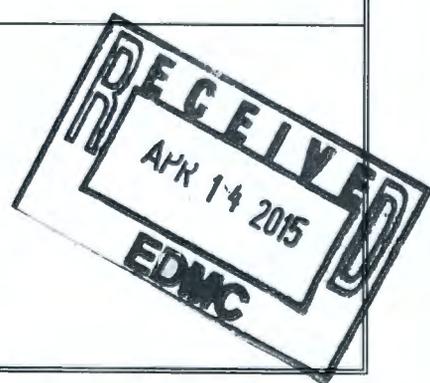
Good cause also exists to delay the design and construction of Barriers 3 and 4 as the Washington State Department of Ecology (Ecology) and ORP have yet to agree upon the locations for these barriers. As all barrier designs are site specific, and without a location, no barrier design and associated monitoring plan can be developed, and construction cannot be completed by the current milestone due date. At the July 22, 2014, TPA Milestone M-045-56 meeting, it was agreed between Ecology and ORP that discussions of FY2015 interim measures would be deferred to a future meeting which has not yet been held. Those discussions would have included decisions as to which interim measures would be performed in FY2015, including the locations for any interim surface barriers to be designed and constructed. It is proposed that Ecology and ORP discuss barrier locations during the M-045-56 Milestone annual interim measures meetings held by the end of July 2015.

ORP has requested resources for an updated design, if necessary, to prevent water intrusion, and construction of Barriers 1 and 2 and starting in fiscal year 2016 with construction anticipated to be completed in October 2018. The original sequencing and durations of design and construction activities among the four barriers has been preserved with the proposed changes reflected in the milestone language below.

Impact of Change
 This change control form modifies the dates on pending actions under Milestone M-045-92 and establishes new dates for reaching agreement on a path forward.

Affected Documents
 The HFFACO, as amended, and Hanford Site internal planning, management, and budget documents (e.g., River Protection Project System Plan, Baseline Control documents, and related work authorizations and directives).

Approvals  DOE	3/26/15 Date	<input checked="" type="checkbox"/>	Approved	<input type="checkbox"/>	Disapproved
N/A EPA	Date	<input type="checkbox"/>	Approved	<input type="checkbox"/>	Disapproved
 Ecology	4/14/15 Date	<input type="checkbox"/>	Approved	<input checked="" type="checkbox"/>	Disapproved



Specific changes to Tri-Party Agreement Appendix D are displayed with double underline to indicate addition of text and by ~~strikeout~~ to indicate deletion of text.

<p>M-045-92 Lead Agency: Ecology</p>	<p>After the determination identified in Milestone M-045-22, complete installation of four (4) additional interim barriers, according to the following schedule (unless Ecology and USDOE have determined to continue vadose zone testing and DOE has submitted a change request for M-045-92):</p> <ul style="list-style-type: none"> • By October 31, 20158, construct barriers 1 and 2 in 241-SX farm, per the design and monitoring plans already approved by Ecology under milestones M-045-927, <u>or per updated designs approved by Ecology.</u> <p>Construct the remaining two (2) barriers per the following revised schedule:</p> <ul style="list-style-type: none"> • <u>DOE and Ecology will agree on locations for Barrier 3 and 4 by September 30, 2015.</u> • Barrier 3 Design/Monitoring Plan 06/30/15 <u>06/30/18</u> • Construct Barrier 3 10/31/16 <u>10/31/19</u> • Barrier 4 Design/Monitoring Plan 06/30/16 <u>06/30/19</u> • Construct Barrier 4 10/31/17 <u>10/31/20</u> <p>The design and monitoring plans will be consistent with those developed for WMA T and TY unless DOE and Ecology agree otherwise. Ecology will authorize construction upon approval of the final design and monitoring plans.</p>	<p>10/31/2017<u>10/31/2020</u> Or As Indicated In the Descriptive Text Of This Milestone</p>
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