

## TRI-PARTY AGREEMENT

Change Notice Number TPA-CN- 0845	TPA CHANGE NOTICE FORM	Date: 02/26/19
Document Number, Title, and Revision: DOE/RL-2016-25, <i>Sampling and Analysis Plan for Removal of 236Z and 242Z Building Slabs</i> , Rev. 0		Date Document Last Issued: November 2016

Approved Change Notices Against this Document:

Originator: William Cox Phone: (509) 372-9345

**Description of Change:**

Project schedule text in Section 1.4 and associated Figure 1-3 in DOE/RL-2016-25, Rev. 0, are amended to correspond with schedule changes made to DOE/RL-2011-03, by Tri-Party Agreement change notice TPA-CN-0817.

T.K. Teynor and S.N. Schleif agree that the proposed change  
**DOE** **Lead Regulatory Agency**  
 modifies an approved workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, *Documentation and Records*, and not Chapter 12.0, *Changes to the Agreement*.

**Modifications include:**

- Revised the text of Section 1.4 on pages 1-5 and 1-6 to reflect the updated schedule according to DOE/RL-2011-03, Rev. 1.
- Replaced the associated Figure 1-3, Project Schedule, on page 1-7.

Because of the significant change to the text, Section 1.4 and Figure 1-3 are replaced entirely.

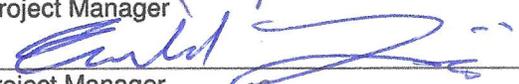
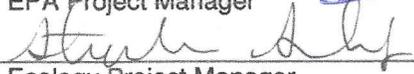
Additions are shown using double underline. Deletions are shown using ~~strikeout~~.

Note: Include affected page number(s): 1-5, 1-6, and 1-7

**Justification and Impacts of Change:**

The project schedule in Section 1.4 and Figure 1-3 of DOE/RL-2016-25 is modified to reflect the adjustment made to the project schedule in Figure 5.1 and associated text in Section 5.7 of DOE/RL-2011-03, *Removal Action Work Plan for the Deactivation, Decontamination, Decommissioning, and Demolition of the Plutonium Finishing Plant Complex*, Rev. 1. Figure 5-1 and Section 5.7 of DOE/RL-2011-03 were modified in TPA-CN-0817 to reflect adjustment to the project schedule to account for delays in project completion caused by recovery actions and removal of the 236Z and 242Z slabs.

**Approvals:**

	03-13-2019	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
DOE Project Manager	Date	
	3/14/2019	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
EPA Project Manager	Date	
	3/13/19	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
Ecology Project Manager	Date	

### 1.3 Contaminants of Concern

The following final contaminants of concern (COCs) will be considered for waste generated during D4 of the PFP above-grade structures:

- Chemical COCs
  - Metals
  - Nitrites/nitrates
  - Beryllium (236Z only)
- Radionuclide COCs
  - Americium-241
  - Plutonium-238
  - Plutonium-239
  - Plutonium-240
  - Plutonium-241
  - Uranium-233 and uranium-234
  - Uranium-235
  - Uranium-238

### 1.4 Project Schedule

The following time frame is current for the project schedule (slab characterization must start no later than September 30, 2017; subsequent dates reflect activity durations based on the actual start date):

- ~~**Following removal of above-grade structures:** Remove the above-grade structures, as required by Tri-Party Agreement (TPA) Milestone M-083-00A (Ecology et al., 1989a, *Hanford Federal Facility Agreement and Consent Order*), by September 30, 2017. That schedule is reiterated in the RAWP (DOE/RL-2011-03). Perform radiological survey and inspection of the slabs for evidence of staining, cracks, penetrations, or other areas of interest for characterization. Perform nondestructive assay (NDA) of the slabs, if needed. Activities start on October 1, 2017 and finish by October 31, 2017.~~
- ~~**After radiological survey is completed (approximately 90 days):** Determine if additional characterization data are needed to make a decision about how and if to remove slabs. If additional data are needed, obtain samples and ship to laboratory for analysis. Activities start on November 1, 2017 and finish by January 31, 2018.~~
- ~~**After additional characterization if needed (approximately 60 days):** Review analytical results, NDA, and other data to make decisions regarding slab removal. Activities start on February 1, 2018 and finish by March 31, 2018.~~
- ~~**After data review to support slab removal:** Prepare work packages and train workers to complete slab removal. Perform chemical and radionuclide sampling that is needed to satisfy data needs as described in Chapter 3 (Field Sampling Plan [FSP]) of this SAP. Activities start on April 1, 2018 and finish by June 15, 2018.~~
- ~~**After work package preparation:** Remove slabs and disposition waste. Activities start on June 15, 2018 and finish by July 31, 2018.~~

- ~~**After slab removal is completed:** Perform radiological survey of excavation footprint, perform additional sampling, if needed, and backfill with clean soil, if needed, to stabilize the area for long term S&M. Activities start on July 31, 2018 and finish on September 15, 2018.~~
- ~~**After backfill is completed:** Enter data and other pertinent information into WIDS. Activities start on September 15, 2018 and finish on September 30, 2018.~~

Figure 1-3 contains the schedule of activities based on a September 30, 2017 start date. The current time frame for the project schedule is provided. The schedule presumes that removal of the above-grade structures is complete by September 30, 2017, as required by TPA Milestone M-083-00A and the RAWP (DOE/RL-2011-03). Slab characterization must start no later than September 30, 2017. Subsequent dates reflect activity durations based on the actual start date.

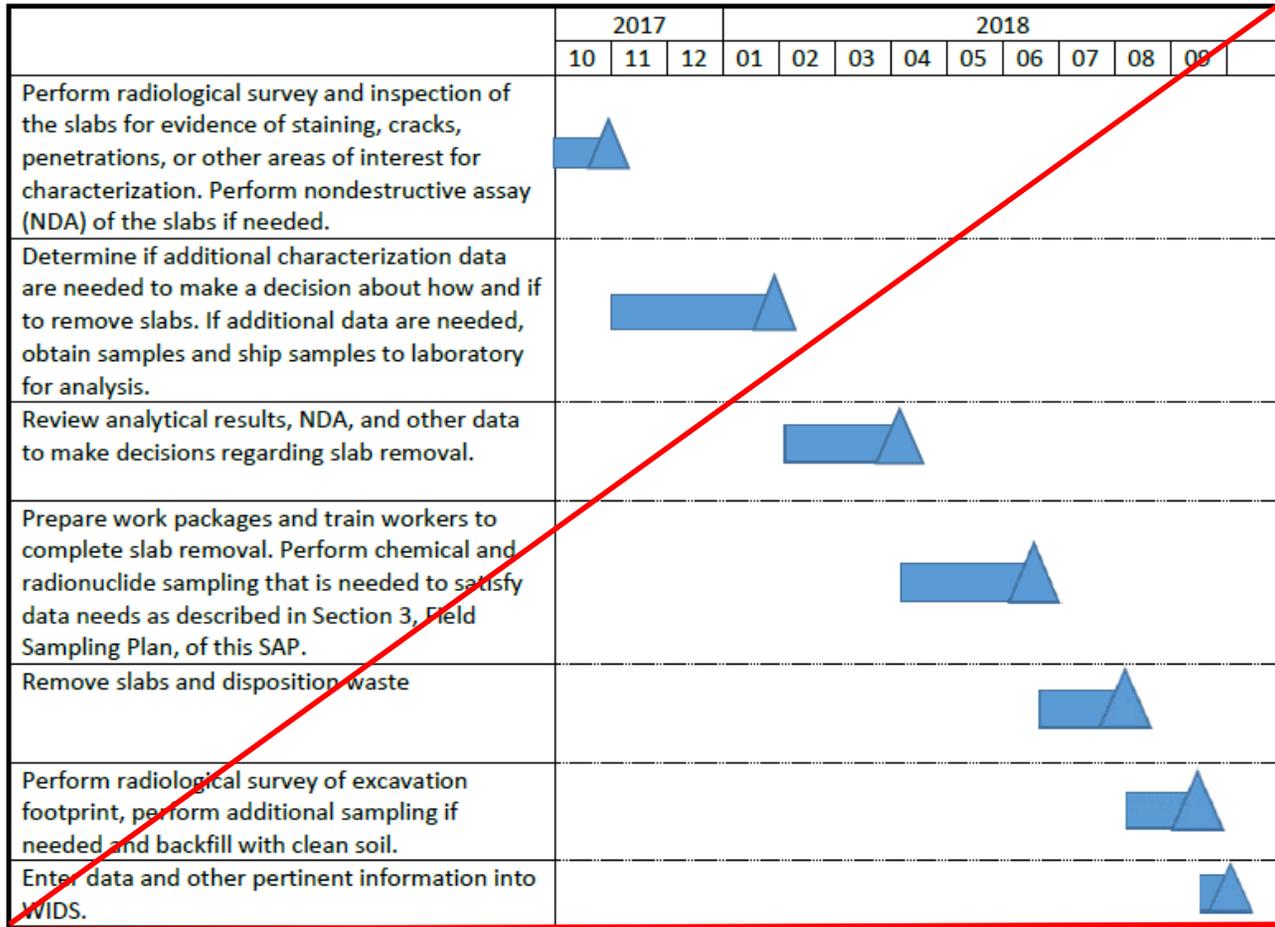


Figure 1-3. Project Schedule

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  - Plutonium-240
  - Plutonium-241
  - Uranium-233 and uranium-234
  - Uranium-235
  - Uranium-238

### 1.4 Project Schedule

The following time frame is current for the project schedule as depicted in Figure 5-1 of the change notice to the RAWP (DOE/RL-2011-03), TPA-CN-0817; subsequent dates reflect activity durations based on the actual start date:

- **Following removal of above-grade structures:** Remove the above-grade structures, as required by Tri-Party Agreement (TPA) Milestone M-083-00A (Ecology et al., 1989a, *Hanford Federal Facility Agreement and Consent Order*). Perform radiological survey and inspection of the slabs for evidence of staining, cracks, penetrations, or other areas of interest for characterization (use of pre-demolition characterization, inspections, etc. may be used in addition to or stand-alone). Perform nondestructive assay (NDA) of the slabs, if needed. Activities start on July 1, 2019 and finish by July 31, 2019.
- **After radiological survey is completed (approximately 90 days):** Determine if additional characterization data are needed to make a decision about how and if to remove slabs. If additional data are needed, obtain samples and ship to laboratory for analysis. Activities start on August 1, 2019 and finish by October 30, 2019.
- **After additional characterization (approximately 60 days):** Review analytical results, NDA, and other data to make decisions regarding slab removal. Activities start on November 1, 2019 and finish by December 31, 2019.

- Slab Removal: From start of work package preparation to completion of data entry will be approximately one year (October 1, 2022 to September 30, 2023) and consist of the following activities:
  - After data review to support slab removal: Prepare work packages and train workers to complete slab removal.
  - After work package preparation: Remove slabs and disposition waste.
  - After slab removal is completed: Perform radiological survey of excavation footprint, perform additional sampling, if needed, and backfill with clean soil, if needed, to stabilize the area for long-term S&M.
  - After backfill is completed: Enter data and other pertinent information into WIDS.

Figure 1-3 contains the schedule of activities based on a July 1, 2019 start date. The schedule presumes that removal of the above-grade structures is complete as required by the TPA Milestone M-083-00A and the RAWP (DOE/RL-2011-03).

	FY 2019			FY 2020			FY 2021	FY 2022	FY 2023
	07	08	09	10	11	12			
Perform radiological survey and inspection of the slabs for evidence of staining, cracks, penetrations, or other areas of interest for characterization. Perform nondestructive assay (NDA) of the slabs if needed.									
Determine if additional characterization data are needed to make a decision about how and if to remove slabs. If additional data are needed, obtain samples and ship samples to laboratory for analysis.									
Review analytical results, NDA, and other data to make decisions regarding slab removal.									
Slab removal									

**Figure 1-3. Project Schedule**