

**Site Treatment Plan Ver. 23.0
Deliverables, Milestones, and Target Dates**

	Description	Due Date	Responsible Person
Deliverable	Site Treatment Plan Annual Update	10/31 Annually	
Deliverable	Site Treatment Plan Semi-Annual Progress Report	4/30 & 10/31 Annually	
Deliverable	Site Treatment Plan Quarterly Status Report Presentation (Table 3.4, Table 3.6, and TRU Processing) STP Sections 3.1, 3.3, and 4	1/30, 4/30, 7/30, & 10/30 Annually	

TRU Debris			
Milestone	Complete physical preparation of 59 m3 of technically challenging and collocated CH-TRU debris as well as STP waste inventory growth, enabling the final characterization of the waste for disposal. For purposes of this milestone, completion will be measured as accomplished when verification, appropriate remediation, and appropriate repackaging have been completed to support initial characterization.	3/30/2020	
Milestone	Complete physical preparation of remaining inventory of 16 m3 of technically challenging and co-located CH-TRU debris as well as STP waste inventory growth, enabling the final characterization of the waste for disposal. For purposes of this milestone, completion will be measured as accomplished when verification, appropriate remediation, and appropriate repackaging have been completed to support initial characterization.	10/30/2020	
Milestone	Complete physical preparation of the remaining inventory of 22 m3 of RH-TRU debris inventory, enabling the final characterization of the waste for disposal. For purposes of this milestone, completion will be measured as accomplished when verification, appropriate remediation, and appropriate repackaging have been completed to support initial characterization.	10/30/2020	
Milestone	Accomplish final WIPP certification of all remaining RH-TRU debris waste inventory, as shown in Table 4.1 of the STP. (Date extended due to additional certification requirements under WIPP WAC, revision 8. TDEC recognizes that as of the WIPP WAC, revision 8, final WIPP certification is managed by the DOE Carlsbad Field Office.)	12/30/2020	

Milestone	Accomplish final WIPP certification of all remaining inventory of CH-TRU debris waste inventory, as shown in Table 4.1 of the STP. (Date extended due to additional certification requirements under WIPP WAC, revision 8. TDEC recognizes that as of the WIPP WAC, revision 8, final WIPP certification is managed by the DOE Carlsbad Field Office.)	12/30/2020	
TRU Sludge			
Milestone	Start offsite vendor testing.	10/31/2018	
Milestone	Start sludge test area construction.	1/31/2020	
Milestone	Complete sludge test area construction.	1/30/2021	
Milestone	Provide status report on mock-up testing.	7/31/2021	
Target	Complete mock-up testing for sludge processing.	5/31/2022	
Trench 13			
Target	Submit to TDEC a revised Engineering Evaluation for removal and disposal of the waste from Trench 13.	9/30/2035	
Target	Begin work to remove and dispose the waste from Trench 13.	9/30/2037	
Sodium and Lithium Shields			
Milestone	Submit a Class ¹ RCRA permit modification request to TDEC. This permit modification request will be for the purpose of changes to the RCRA-permitted unit to allow for storage of the shields.	10/31/2018	
Milestone	Remove the present contents of the future shield storage building at ORNL in preparation for modifying the building.	12/31/2018	
Milestone	Complete modifications to the future shield storage building at ORNL.	9/30/2019	
Milestone	Conduct an evaluation to determine available alternatives for treatment and disposal of the ORR inventory of sodium and lithium shields as necessary to meet RCRA LDR or equivalent, and provide a report to TDEC describing the alternatives identified.	12/30/2019	
DARA Soils			
Milestone	Start the removal and disposition of the DARA soil inventory.	1/30/2019	
Milestone	Complete the removal and disposition of the DARA soil inventory.	9/30/2019	
No-Path to Disposal			
Milestone	Complete shipment of MLLW with Dioxin and Furan Codes to a treatment facility after appropriate treatment technology becomes available at a facility with the necessary permits and licenses, approval to receive the waste is in place, and the treatment facility is operationally ready to receive the waste.	TBD	

Milestone	Report to TDEC the technical, contractual, and regulatory feasibility of treating the dioxin and furan liquid-phase waste via a combination of stabilization and macroencapsulation under variances from the necessary regulatory agencies.	9/30/2019	
NNSA			
Milestone	Ship a cumulative total of 25 items on the 7/28/2016 baseline inventory for MWIR Stream M3308 for treatment or disposal.	9/30/2019	
Milestone	Ship a cumulative total of 33 items on the 7/28/2016 baseline inventory for MWIR Stream M3308 for treatment or disposal.	9/30/2020	
Milestone	Ship a cumulative total of 41 items on the 7/28/2016 baseline inventory for MWIR Stream M3308 for treatment or disposal.	9/30/2021	
Target	Ship a cumulative total of 49 items on the 7/28/2016 baseline inventory for MWIR Stream M3308 for treatment or disposal.	9/30/2022	
Target	Ship a cumulative total of 57 items on the 7/28/2016 baseline inventory for MWIR Stream M3308 for treatment or disposal.	9/30/2023	
Target	Ship a cumulative total of 65 items on the 7/28/2016 baseline inventory for MWIR Stream M3308 for treatment or disposal.	9/30/2024	
Target	Ship a cumulative total of 73 items on the 7/28/2016 baseline inventory for MWIR Stream M3308 for treatment or disposal.	9/30/2025	
Target	Ship a cumulative total of 81 items on the 7/28/2016 baseline inventory for MWIR Stream M3308 for treatment or disposal.	9/30/2026	