2017 Milestone Activities

Milestone Activity	Timeframe	Timeframe as Amended	Quarterly Progress			
			Q1	Q2	Q3	Q4
1. Conduct Value Engineering evaluations for the implementation of Treatability / Pilot Studies or other remedial efforts costing greater than $2M consistent with US EPA and/or Army Corps of Engineers guidance. This task will begin with all reports submitted after July 1, 2017.[A]	July 1, 2017			100%	—	—
2. Continue optimizing GWETS system through the COP with comprehensive considerations of mass removal, hydraulic capture/Northshore Rd perchlorate mass loading, and GW-11 levels targeting the removal of 400,000 pounds of perchlorate from the environment in 2017	Dec 31, 2017		25%	50%	75%	100%
3. Submit recommendation and budget to upgrade various segments of the effluent pipeline to enable greater flow.	June 30, 2017			100%	—	—
4. Begin monthly sampling at some/all USGS gauging stations.	June 30, 2017			100%	—	—
5. Submit Phase III RI work plan for the Eastside Study Area; and initiate sampling program.	June 30, 2017; Nov 30, 2017			100%	—	100%
6. Summarize the results from first 3 months of operation IX at Lift Station #1 and prepare a cost evaluation of multiple scenarios for treating SWF groundwater.	June 30, 2017			100%	—	—
7. SNWA Weir Dewatering Treatment Project, ready to receive water by July 31, 2017 as ordered by NDEP.	July 31, 2017	Jan 2, 2018[B]			50%	100%
8. Submit water management plan (includes GW-11 replacement; AP-5 treatment and continued implementation of COP).	Sept 30, 2017	Tabled[C]	—	—	—	—
9. Submit Unit Buildings 4 and 5 Investigation Second Mobilization Technical Memorandum (including total mass and distribution of COPCs and third mobilization work plan).	May 30, 2017			100%	—	—
10. Perform first injection for Seep Well Field Area Bioremediation Treatability Study.	Sept 30, 2017				100%	—
11. Complete Phase II RI field work.	Dec 31, 2017					100%
12. Submit HLC Mass Estimates and Performance Metrics Technical Memorandum.	Sept 30, 2017				100%	—
13. Submit Las Vegas Wash Bioremediation Pilot Study.	Sept 30, 2017				100%	—
14. Initiate treatment of AP-5 decant in FBRs.	July 31, 2017		—		100%	—
15. Submit AECOM Technical Memorandum on the initial borings/wells.	Dec 31, 2017	Tabled[D]	—	—	—	—
16. Submit AECOM Technical Memorandum for full-scale geophysical field work.	Dec 31, 2017	Tabled[E]	—	—	—	—
17. Begin interview process for additional NERT and/or Le Petomane employee.	July 31, 2017				100%	—
18. NERT will begin use information gathered during the Environmental Footprint Analysis to apply the BMP Checklist from the ASTM Standard Guide for Greener Cleanups, and implement selected BMPs in the July 1, 2017 – June 30, 2018 performance reporting period.	June 30, 2017			100%		

Footnotes

A. Value Engineering was modified to Independent Cost Evaluation per mutual agreement between NERT, EPA, and NDEP.
B. SNWA was in control of the start date, NERT was ready by the agreed upon start date.
C. To focus resources on the active investigation, this milestone was tabled per mutual agreement between NERT, EPA, and NDEP.
D. Waiting on access permits from other governmental entities, so this milestone was tabled per mutual agreement between NERT, EPA, and NDEP.
E. Recommendation was to not go forward with full scale geophysical investigation, therefore this milestone activity was tabled per mutual agreement between NERT, EPA, and NDEP.