Groundwater Remedy Construction, Start-up, and Initial O&M Schedule

2020

Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4

Construction, Start-up, and Initial Operation
(In phases, target completion for all systems – February 2026)

Phase 1: Construction of NTH IRZ and Supporting Components, Monitoring Wells, and Riverbank Wells

End of Heavy Construction October 2021

Planning/Contracting

End of Phase 1 Functional Testing December 2021

Phase 2A: Construction of TCS Recirculation Loop*, Freshwater Injection Well FW-2 and associated Arsenic Monitoring Wells, and Pipelines (Inside/Outside TCS)

Phase 2B: Completion of Inner Recirculation Loop*, Construction of Freshwater Injection Well FW-1 and Monitoring Wells in the uplands, Arizona Facilities to Convey Water from Freshwater Supply Well (HNWR-1A) in Arizona to California, Remaining TCS Facilities and Pipelines

Groundwater Remedy Start-Up and Initial Operation

Start-up NTH IRZ/First Injection of Ethanol/Shutdown IM3

Start-up of Phase 2A components

Start-up of Phase 2B components

Operations & Maintenance (O&M)
(see O&M Manual for details)

Regulatory and Mitigation Measures Compliance

On-going Consultative Work Group/Tribal Communication and Tribal Consultation

LEGEND

* Per the 2015 Basis of Design Report, the TCS Recirculation Loop consists of injection wells in TCS, extraction wells on the Transwestern Bench, and extraction wells in the East Ravine area. The Inner Recirculation Loop consists of IRL wells in the uplands and River Bank wells along the riverbank.

5-year Review

The remedy becomes Operational and Functional (OF) either one year after completion of construction or when the groundwater is determined to be functioning properly and performing as designed.