

Report on Arsenic Compliance Actions

October 12, 2022

Submitted by Jamar Tate, General Manager

Arsenic Levels

The most recent reported sample from the Compliance point were taken on September 8, 2022. The result showed the arsenic levels at 11 ppb. The third quarter 2022 average was 10 ppb. The current Running Annual Average (RAA) is 8 ppb.

Samples were taken at Well 1B and Well 2 on September 8, 2022. The result from Well 1B was 7 ppb. The result from Well 2 was 19 ppb. The third Quarter 2022 average for Well 1B was 8 ppb with the RAA of 8 ppb. The third Quarter average for Well 2 was 17 with the RAA of 15 ppb.

The results of the October 2022 test will be reported at the Board meeting if the information is available.

Iron and Manganese Compliance Levels

The most recent results of the tests of the Quarterly samples taken on July 11, 2022 for Iron were .140 mg/l at Well 1B and 1.750 mg/l at Well 2; for Manganese were .0954 mg/l at Well 1B and .243 mg/l at Well 2. (The Secondary Standard for Iron is .300 mg/l. The Secondary Standard for Manganese is .05 mg/l.).

Remediation Project Development Project Schedule

Schedule is changed from last month. Another two months was added due to delays in the start of final pre funding pilot testing.

STAGE	TIMEFRAME	COMMENT
FINANACAL		
SRF application submittal	December 2022	Submittal is being delayed pending agreements with the state on how the need and timing of further pilot testing for the removal of phosphates and other contaminants that could affect chemical reactions. A meeting was held Jan. 26
Application Review	December 2022-July 2023	Assumes as six-month review
CONSTRUCTION		
Contractor Selection	Sept 2023-Oct 2023	Assumes and 90 day bid and selection process
Construction	Nov 2023- Nov 2024	Assumes a one-year construction
OPERATION		
Shakedown	December 2024- November 2025	Needed to ensure the systems work and to train operators
Pilot Testing	December 2025-Nov 2026	Needed to refine operational procedures to maximize removal of As, Fe,and Mn.
Full Operation	Dec 2026	

