

Report on Arsenic Compliance Actions

January 14, 2022

Submitted by John Rowden, Interim General Manager

Arsenic Levels

The most recent reported samples from the Compliance point were taken on October 7, November 4, and December 6 2021. The results showed the arsenic levels at 9, 6, and 7 ppb. The fourth quarter average was 7 ppb. The current Running Annual Average (RAA) is 9 ppb.

Samples were taken at Well 1B and Well 2 on October 26, November 4, and December 6. The results from Well 1B was 5, 10, and 7 ppb. The results from Well 2 were 14 for all three months. The fourth Quarter 2021 average for Well 1B was 7 ppb with the RAA of 7 ppb. The fourth Quarter average for Well 2 was 14 with the RAA of 15 ppb.

The results of the January 22 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 October 26, 2021 for Iron were .610 mg/l at Well 1B and .440 mg/l at Well 2; for Manganese were .0865 mg/l at Well 1B and .0966 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 revised due to on month delay in submitting SRF application. The technical issues raised by the SWRCB on the first application have not been resolved.

STAGE	TIMEFRAME	COMMENT
FINANACAL		
SRF application submittal	February 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.
Application Review	March 2022-August 2022	Assumes as six-month review
CONSTRUCTION		
Contractor Selection	September 2022-November 2023	Assumes and 90 day bid and selection process
Construction	December 2022-December 2023	Assumes a one-year construction
OPERATION		
Shakedown	January 2024- December 2024	Needed to ensure the systems work and to train operators
Pilot Testing	January 2024-Sept 2024	Needed to refine operational procedures to maximize removal of As, Fe, and Mn.
Full Operation	October 2024	

