

Report on Arsenic Compliance Actions

February 9, 2022

Submitted by John Rowden, Interim General Manager

Arsenic Levels

The most recent reported sample from the Compliance point were taken on January 13, 2022. The result showed the arsenic levels at 7 ppb. The fourth quarter 2021 average was 7 ppb. The current Running Annual Average (RAA) is 9 ppb.

Samples were taken at Well 1B and Well 2 on January 13, 2022. The result from Well 1B was 6 ppb. The result from Well 2 was 13 ppb. 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 February 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 January 13, 2022 for Iron were .870 mg/l at Well 1B and .620 mg/l at Well 2; for Manganese were .0982 mg/l at Well 1B and .130 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	April 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	May 2022-October 2022	Assumes as six-month review
CONSTRUCTION		
Contractor Selection	November 2022-December 2022	Assumes and 90 day bid and selection process
Construction	February 2023-February 2024	Assumes a one-year construction
OPERATION		
Shakedown	March 2023- February 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	

