

Report on Arsenic Compliance Actions

June 15, 2022

Submitted by John Rowden, Project Manager

Arsenic Levels

The most recent reported sample from the Compliance point were taken on May 5, 2022. The result showed the arsenic levels at 8 ppb. The second quarter 2022 average was 8 ppb. The current Running Annual Average (RAA) is 9 ppb.

Samples were taken at Well 1B and Well 2 on May 5, 2022. The result from Well 1B was 8 ppb. The result from Well 2 was 16 ppb. The second Quarter 2022 average for Well 1B was 9 ppb with the RAA of 7 ppb. The second Quarter average for Well 2 was 16 with the RAA of 15 ppb.

The results of the June 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 .270 mg/l at Well 1B and 2.240 mg/l at Well 2; for Manganese were .0884 mg/l at Well 1B and .113 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	September 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	October 2022-April 2023	Assumes as six-month review
CONSTRUCTION		
Contractor Selection	May 2023-June 2023	Assumes and 90 day bid and selection process
Construction	July 2023- August 2024	Assumes a one-year construction
OPERATION		
Shakedown	September 2024- August 2025	Needed to ensure the systems work and to train operators
Pilot Testing	September 2025-Sept 2026	Needed to refine operational procedures to maximize removal of As, Fe,and Mn.
Full Operation	October 2026	