

Report on Arsenic Compliance Actions

November 10, 2021

Submitted by John Rowden, Interim General Manager

Arsenic Levels

The most recent reported sample result from the Compliance point was taken on October 7, 2021 showed the arsenic levels at 9 ppb. The third quarter average was 12 ppb. The current Running Annual Average (RAA) is 10 ppb.

Samples were taken at Well 1B and Well 2 on October 26. The October 26 reportable result from Well 1B was 5 ppb; The third Quarter 2021 average was 8 ppb, the RAA is 8 ppb.

The October 26 reportable result from Well 2 was 14 ppb; The third Quarter 2021 average was 18 ppb, the RAA is 15 ppb.

The results of the November 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	November 2021	Depends on the extent of required design modifications. An additional pilot test may be required.
Application Review	December 2021-May 2022	Assumes as six-month review
CONSTRUCTION		
Contractor Selection	July-August 2022	Assumes and 90 day bid and selection process
Construction	September 2022-November 2023	Assumes a one-year construction timeframe
OPERATION		
Shakedown	November 2023- Novmember 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	