

Report on Arsenic Compliance Actions

October 13, 2021

Submitted by John Rowden, Interim General Manager

Arsenic Levels

The most recent reported sample result from the Compliance point was taken on September 2, 2021 showed the arsenic levels at 11 ppb. The third quarter average was 12 ppb. The current Running Annual Average (RAA) is 10 ppb.

The September 2 reportable result from Well 1B was 7 ppb; The second Quarter 2021 average was 8 ppb, the RAA is 8 ppb.

The September 2 reportable result from Well 2 was 17; The second Quarter 2021 average was 18 ppb, the RAA is 15 ppb.

The results of the October 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 1, 2021 for Iron were .380 mg/l at Well 1B and .220 mg/l at Well 2; for Manganese were .0576 mg/l at Well 1B and .080 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	October 2021	Depends on the availability of audits, and extent of required design modifications
Application Review	November 2021-April 2022	Assumes as six-month review
CONSTRUCTION		
Contractor Selection	May-July 2022	Assumes and 90 day bid and selection process
Construction	July 2022-August 2023	Assumes a one-year construction timeframe
OPERATION		
Shakedown	Sept 2023- Sept 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	