

Report on Arsenic Compliance Actions

September 8, 2021

Submitted by John Rowden, Interim General Manager

Arsenic Levels

The most recent reported sample result from the Compliance point was taken on August 5, 2021 showed the arsenic levels at 12 ppb. The second quarter average was 9 ppb. The current Running Annual Average (RAA) is 10 ppb.

The August 5 reportable result from Well 1B was 8 ppb; The second Quarter 2021 average was 7 ppb, the RAA is 8 ppb.

The August 5 reportable result from Well 2 was 19; The second Quarter 2021 average was 16 ppb, the RAA is 15 ppb.

The results of the September 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

STAGE	TIMEFRAME	COMMENT
FINANACAL		
SRF application submittal	September 2021	Depends on the availability of audits, and extent of required design modifications
Application Review	October 2021-March 2022	Assumes as six-month review
CONSTRUCTION		
Contractor Selection	April-June 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	