

Report on Arsenic Compliance Actions

April 16, 2024

Submitted by Jamar Tate, General Manager

Arsenic Levels

The most recent reported samples from the Compliance point were taken on February 19, 2024 and March 7, 2024. The results showed arsenic levels at 8 ppb for the month of February and 9ppb in March. The first quarter 2024 average was 8 ppb. The current Running Annual Average (RAA) is 8 ppb. No results for the month April.

Samples were taken at Well 1B on February 19, 2024 and March 7, 2024. The results from Well 1B was 5 ppb in February and 5ppb in March. No samples were taken for Well 2 due to well rehabilitation project. The first quarter 2024 average for Well 1B was 6 ppb with the RAA of 7 ppb. The first quarter average for Well 2 is not available due to the rehab project. No results for the month of April.

Iron and Manganese Compliance Levels

The most recent results of the tests of the Quarterly samples taken on January 23, 2024 for Iron were .170 mg/l at Well 1B and no sample at Well 2; for Manganese were .094 mg/l at Well 1B and no sample 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 is updated from last month.

STAGE	TIMEFRAME	COMMENT
ENGINEERING		
Pilot Study Report Accepted	March 2024	10/20 submittal
Engineering Design Update	March 2024-April 2024	
Engineering Design Accepted	April 2024	Assumes 1 revision/re-submittal
FINANACAL		
SRF application submittal	April 2024	Assumes we can submit before the technical package is complete.
Application Review	April 2024 – October 2024	Assumes a six-month review
CONSTRUCTION		
Contractor Selection	October 2024-December 2024	Assumes and 90 day bid and selection process
Construction	March 2025 – March 2026	Assumes a one-year construction
OPERATION		
Commissioning	March 2026 – May 2026	Needed to ensure the systems work and to train operators
Pilot Testing	October 2026-September 2027	Needed to refine operational procedures to maximize removal of As, Fe,and Mn.
Full Operation	Jul 2027	

Dowl Engineering submitted the Well 2 Pilot Test report to the Regional Water Board for review in October. We have received acceptance of the pilot study findings from the state water board. With the acceptance of the findings, Dowl has begun making the necessary design changes, they have also providing an updated cost estimation for the water treatment plant. Due to the delays over the last few years, the estimated cost has roughly doubled since the last estimate in 2021 from \$3.25 million to \$6.5 million.

Currently, staff and Dowl are compiling the documentation needed to submit the FAAST application. The application has many sections that require various documentation. These sections include technical, managerial, financial, and environmental. The application form has changed since the last application documentation was compiled, some of the documentation will require reverification of information since it has been a few years since the last application.