

Report on Arsenic Compliance Actions

April 13, 2022

Submitted by John Rowden, Project Manager

Arsenic Levels

The most recent reported sample from the Compliance point were taken on March 3, 2022. The result showed the arsenic levels at 7 ppb. The first quarter 2022 average was 7 ppb. The current Running Annual Average (RAA) is 9 ppb.

Samples were taken at Well 1B and Well 2 on March 3, 2022. The result from Well 1B was 6 ppb. The result from Well 2 was 15 ppb. The first Quarter 2022 average for Well 1B was 6 ppb with the RAA of 7 ppb. The first Quarter average for Well 2 was 14 with the RAA of 15 ppb.

The results of the April 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 .870 mg/l at Well 1B and .620 mg/l at Well 2; for Manganese were .0982 mg/l at Well 1B and .130 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 | |