# Report on Arsenic Compliance Actions

January 11, 2023

Submitted by Jamar Tate, General Manager

## Arsenic Levels

The most recent reported sample from the Compliance point were taken on December 15, 2022. The result showed the arsenic levels at 7 ppb. The fourth quarter 2022 average was 8 ppb. The current Running Annual Average (RAA) is 8 ppb.

Samples were taken at Well 1B and Well 2 on December 15, 2022. The result from Well 1B was 5 ppb. The result from Well 2 was 11 ppb. The fourth Quarter 2022 average for Well 1B was 6 ppb with the RAA of 7 ppb. The fourth Quarter average for Well 2 was 14 with the RAA of 15 ppb.

The results of the January 2023 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 13, 2022 for Iron were .150 mg/l at Well 1B and .750 mg/l at Well 2; for Manganese were .0809 mg/l at Well 1B and .133 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 is changed from last month. Another two months was added due to delays in the start of final pre funding pilot testing.

| STAGE | TIMEFRAME | COMMENT |
|---|---|---|
| **FINANACAL** | | |
| **SRF application submittal** | **December 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. |
| **Application Review** | **December 2022-July 2023** | Assumes as six-month review |
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| **CONSTRUCTION** | | |
| **Contractor Selection** | **Sept 2023-Oct 2023** | Assumes and 90 day bid and selection process |
| **Construction** | **Nov 2023- Nov 2024** | Assumes a one-year construction |
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| **OPERATION** | | |
| **Shakedown** | **December 2024- November 2025** | Needed to ensure the systems work and to train operators |
| **Pilot Testing** | **December 2025-Nov 2026** | Needed to refine operational procedures to maximize removal of As, Fe,and Mn. |
| **Full Operation** | **Dec 2026** | |