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November 15, 2025

Regional Water Quality Control Board, Santa Ana Region

**Attention: Mr. Eric Lindberg**

3737 Main Street, Suite 500  
Riverside, California 92501-3348

**Subject: Chino Basin Recycled Water Groundwater Recharge Program:  
Quarterly Monitoring Report for July through September 2025**

Dear Mr. Lindberg,

Inland Empire Utilities Agency and Chino Basin Watermaster hereby submit the *Quarterly Monitoring Report* for the third quarter of 2025 (3Q25), July 1 through September 30, 2025, for the *Chino Basin Recycled Water Groundwater Recharge Program*. This document is submitted pursuant to requirements in Order No. R8-2007-0039. All required monitoring and reporting for the quarter are presented in the attached report. During 3Q25, the Groundwater Recharge Program was in compliance with all monitoring and reporting requirements, with the exception of exceedances of the primary MCL for Perfluorooctanoic acid (PFOA) and secondary MCL for odor.

Chino Basin Watermaster hereby certifies that, during the period of July 1 through September 30, 2025, there was no reported pumping for drinking water purposes in the buffer zones extending 500 feet laterally and 6 months underground travel time from each of the recharge sites using recycled water, namely 7th & 8th Street, Banana, Brooks, Declez, Ely, Hickory, RP3, San Sevaire, Turner, and Victoria Basins. In fact, there are no domestic or municipal production wells in the buffer zones of the aforementioned recharge sites.

#### **DECLARATION**

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments thereto; and that, based on my inquiry of the individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.*

Executed on the 15<sup>th</sup> day of November in the Cities of Chino and Rancho Cucamonga.

Pietro Cambiaso, P.E.  
Manager of Compliance & Sustainability

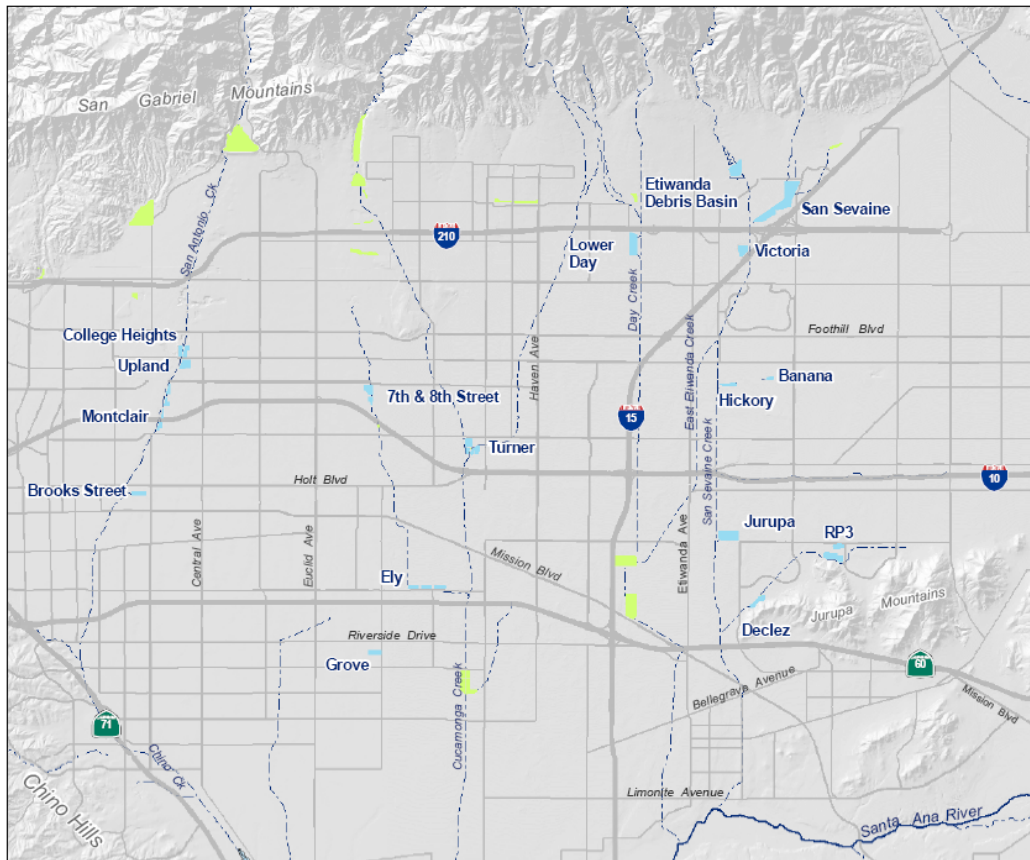
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# Chino Basin Recycled Water Groundwater Recharge Program

## Quarterly Monitoring Report July 1 through September 30, 2025



*Prepared by:*



November 15, 2025

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## 1. Introduction

Inland Empire Utilities Agency (IEUA), Chino Basin Watermaster (Watermaster), Chino Basin Water Conservation District, and San Bernardino County Flood Control District are partners in the implementation of the Chino Basin Recycled Water Groundwater Recharge Program. This is part of a comprehensive water supply program to enhance water supply reliability and improve the groundwater quality in local drinking water wells throughout the Chino Basin by increasing the recharge of stormwater, imported water and recycled water. This program is an integral part of Watermaster's Optimum Basin Management Program (OBMP).

### A. Order No. R8-2007-0039

On June 29, 2007, the Santa Ana Regional Water Quality Control Board (Regional Board) adopted Order No. R8-2007-0039 (Order) which prescribes the requirements for recycled water use for groundwater recharge in 13 recharge sites within the Chino-North Groundwater Management Zone. The locations of recharge basins in the Chino Basin Groundwater Recharge Program are shown in Figure 1-1.

As a provision of the Order, IEUA and Watermaster must also comply with Monitoring and Reporting Program (MRP) defined in the Order. The MRP includes the water quality monitoring requirements of the Chino Basin Recycled Water Groundwater Recharge Program and the requirement for the submittal of quarterly and annual reports. This document is the quarterly report for the third quarter of 2025 (3Q25).

The quarterly report includes the following elements as prescribed in the MRP:

- Monitoring results for recycled water, diluent water, and groundwater.
- Recycled water and diluent water volumes recharged at each basin.
- Reporting of any non-compliance events due to water quality, including records of any operational problems, plant upset and equipment breakdowns or malfunctions, and any diversion(s) of off-specification recycled water and the location(s) of final disposal. All corrective or preventive action(s) taken.
- Certification that no groundwater has been pumped for domestic water supply use from the buffer zone that extends 500 feet and 6-months underground travel time from the recharge basin(s) where recycled water is applied.

### B. Order No. R8-2009-0057

On October 23, 2009, the Regional Board adopted Order No. R8-2009-0057, which amended the Order by revising the averaging period for determining a recharge site's recycled water contribution (RWC) from 60-month to 120-month averaging period. The Order No. R8-2009-0057 also allowed a fraction of the groundwater underflow of the Chino Basin aquifers to be used as a source of diluent water when calculating the running average RWC.

### C. Revised Monitoring & Reporting Program No. R8-2007-0039

On October 27, 2010, the Regional Board revised the MRP in the Order based on the requests for modifications from IEUA, which were approved by the State Water Resources Control Board – Division of Drinking Water (DDW, formerly California Department of Public Health). The following changes were made to the MRP:

- 1) Sampling Requirements A.3, A.4, and A.5 were modified by specifying that samples shall be collected on a representative day instead of the 10<sup>th</sup> day.



- 2) Groundwater Monitoring Program Requirement V.1. was modified by adding a sentence to the paragraph that allows IEUA to analyze the groundwater samples collected on a quarterly basis from non-active municipal drinking water wells for dissolved metals, instead of total recoverable metals.
- 3) Reporting Requirement VI.B.3.b. was modified and footnote No. 18 was added to reflect that IEUA uses groundwater monitoring information contained in the *State of the Basin* report prepared on a biennial basis by Watermaster, amongst other sources, for the annual determination of the recycled water groundwater flow path.

#### **D. Title 22, Division 4, Chapter 3. Article 5.1 §60320.100**

On June 18, 2014, the DDW adopted new regulations pertaining to Groundwater Replenishment Reuse Projects (GRRP), which can be found in Title 22 California Code of Regulations, Division 4, Chapter 3. Article 5.1 “Indirect Potable Reuse: Groundwater Replenishment - Surface Application” found in Sections §60320.100 through 60320.130. Pursuant to the new GRRP regulations, additional monitoring and reporting began in 3Q15.

The DDW GRRP regulations require that all GRRPs permitted prior to June 18, 2014 submit a report to the DDW and Regional Board to assess compliance of the existing permit in alignment with the GRRP requirements. The IEUA submitted the Compliance Assessment Report (CAR) for the Chino Basin Recycled Water Groundwater Recharge Project dated June 18, 2015 and a revised CAR dated December 12, 2018. On July 25, 2019, the DDW sent a letter to IEUA with their comments on the CAR. The DDW granted a deadline extension for IEUA to submit responses in an October 21, 2019 email. IEUA responded to the DDW comment letter on November 27, 2019.

#### **E. Outline of the Quarterly Report**

Section 2 of this quarterly report discusses the water quality monitoring results for recycled water recharge (water recycling plant effluent, distribution system, and basin surface water), diluent water, and groundwater. Section 3 provides an overview of recharge operations including the volume of diluent water and recycled water recharged. Section 4 describes any operational problems and preventive and/or corrective actions taken. Section 5 contains the certification of non-pumping in the 500-foot buffer zones around each basin. Section 6 is a brief overview of the Monte Vista Water District’s (MVWD) Aquifer Storage and Recovery (ASR) project.

## **2. Monitoring Results**

### **A. Recycled Water: RP-1 and RP-4**

The requirements for recycled water monitoring are described in the MRP. Tables 2-1 through 2-4 include all of the requisite 3Q25 data.

Recycled Water Quality Specifications A.5 through A.9 in the Order are the narrative limits established in the permit. The corresponding monitoring data used to determine compliance with the Order are presented in Tables 2-1 and 2-2. The monitoring data in Table 2-1 is collected from samples of RP-1 and RP-4 effluent. The total nitrogen (TN) limit for recycled water is 10 mg/L based on the DDW GRRP regulations (Title 22 §60320.110). The previous TN limit and method of compliance in the Regional Board’s permit (Order R8-2007-0039) for this recharge program was 5 mg/L using alternative monitoring plans with reduction factors. The assessment of compliance using alternative monitoring plans is described in Section 2.B and Table 2-5 and is included as part of the quarterly reporting until there is a new recycled water recharge permit adopted by the Regional Board. During 3Q25, there were no exceedances of the TN limit. Table 2-2 shows the agency-wide monthly and 12-month running average concentrations for Total Inorganic Nitrogen (TIN) and Total Dissolved Solids (TDS) with effluent

limitations of 8 mg/L and 550 mg/L, respectively. The 12-month running average TDS and TIN concentration did not exceed the TDS and TIN limits during 3Q25.

Recycled Water Quality Specifications A.1 through A.4 of the Order are numerical limits based on the Federal and State primary maximum contaminant levels (MCLs), secondary MCLs, and Action Levels. Recycled Water Specification A.15 is a numerical limit for oil and grease.

Table 2-3a shows the results for the DDW approved sample location representative of the recycled water blend from RP-1 and RP-4 used for recharge located at the RP-4 1299 Pressure Zone Pump Station (RW Blend). Table 2-3b shows results for the RP-1 001B effluent. During the CAR review, DDW identified that 001B effluent must be sampled and reported independently of the RW Blend.

In the Order, compliance for all constituents with MCLs or Action Levels is based on a 4-quarter running average (Recycled Water Specifications A.1 through A.4). Table 2-3a (RW Blend) and Table 2-3b (RP-1 001B effluent) summarize the 4-quarter running average concentration for each parameter from 4Q24 through 3Q25 and lists the corresponding compliance limits.

Although the RW Blend sample from the RP-4 1299 Pump Station is a suitable sample location for most constituents in recycled water, it is not appropriate for Total Trihalomethanes (TTHMs) and Total Haloacetic Acids (HAA5). Compliance samples for these compounds are taken from lysimeters or monitoring wells at basins actively receiving recycled water. At these locations, the samples better represent the compounds present in the recycled water prior to reaching the groundwater table, as the concentrations of these constituents change through the recharge process. Once a quarter, a representative sample is collected from a selected compliance lysimeter/monitoring well and analyzed for these compounds. For the 3Q25, IEUA chose the DCZ-LYS-25 lysimeter as the compliance point, as it has received many years of recycled water deliveries. Recycled water was present based on electrical conductivity (EC) measurements.

Tables 2-4a (RW Blend) and 2-4b (RP-1 001B Effluent) summarize the quarterly monitoring results of recycled water for constituents with no MCLs or Action Levels; this includes priority pollutants, chemicals of emerging concern (CECs), and chemicals with state notification levels.

Note that in Tables 2-4a and 2-4b there is a section named “Health-based and performance indicator CECs for Surface Application”, which includes CECs listed as monitoring requirements in the State Water Resources Control Board’s (State Water Board) amendment to the Policy for Water Quality Control for Recycled Water (Recycled Water Policy) adopted on December 11, 2018, and effective as of April 8, 2019. The amendment included updates to the CECs monitoring list based on the 2018 Science Advisory Panel recommendations.

There were no exceedances for the parameters analyzed during 3Q25 in the following categories: primary MCLs for per- and poly-fluoroalkyl substances, *with the exception of PFOA*; inorganic chemicals; volatile organic compounds (VOCs); non-volatile synthetic organic chemicals (SOCs); radionuclides; disinfection byproducts; action levels for lead and copper; notification level (NLs) for unregulated chemicals; secondary MCLs for required constituents, *with the exception of odor*; and oil & grease. PFOA and odor exceedances are detailed below.

### PFOA

In August 2019, the NL for PFOA was lowered from 14 ng/L to 5.1 ng/L. Prior to August 2019, PFOA concentrations in recycled water never exceeded the initial NLs. However, since the NL was lowered during 3Q19, PFOA concentrations in the recycled water have exceeded the NL at both the RW Blend and 001B Effluent sample locations. No confirmation sample was collected within 72 hours of notification of the first results in exceedance, and in accordance with §60320.120(b) weekly sampling began on 10/24/19.

- §60320.120(b)(1) states that “If the running four-week average exceeds the contaminant’s NL, a project sponsor shall describe the reason(s) for the exceedance and provide a schedule for completion of corrective actions in a report submitted to the Regional Board no later than 45 days following the quarter in which the exceedance occurred, with a copy concurrently provided to the Department.” IEUA continued to exceed the four-week average after accelerated monitoring was implemented and the corrective actions report was submitted to the DDW and the Regional Board on February 13, 2020.
- IEUA completed the sixteen consecutive weeks of sampling the RW Blend and 001B Effluent per §60320.120(b)(2) during 1Q20 and notified the DDW and the Regional Board after the final results were received. Notifications of exceedance were emailed to the Regional Board and DDW on February 25, 2020 for the RW Blend and on March 5, 2020 for the 001B Effluent.
- In a March 5, 2020 email, DDW stated that IEUA needs to continue with weekly samples for PFOA in the recycled water. Weekly sampling was reinitiated during the third week of March 2020.
- In a meeting on January 17, 2024, IEUA provided DDW staff with an update on the PFOA Corrective Actions Report (CAR). An updated CAR with the University of California Irvine (UCI) PFAS Research Project will be submitted when the final report becomes available. The research project is a sewershed-scale analysis of PFAS in wastewater from domestic, commercial, and industrial sewerage system users. Additionally, IEUA’s sewershed monitoring study will be submitted to the DDW once the IEUA study has been completed.

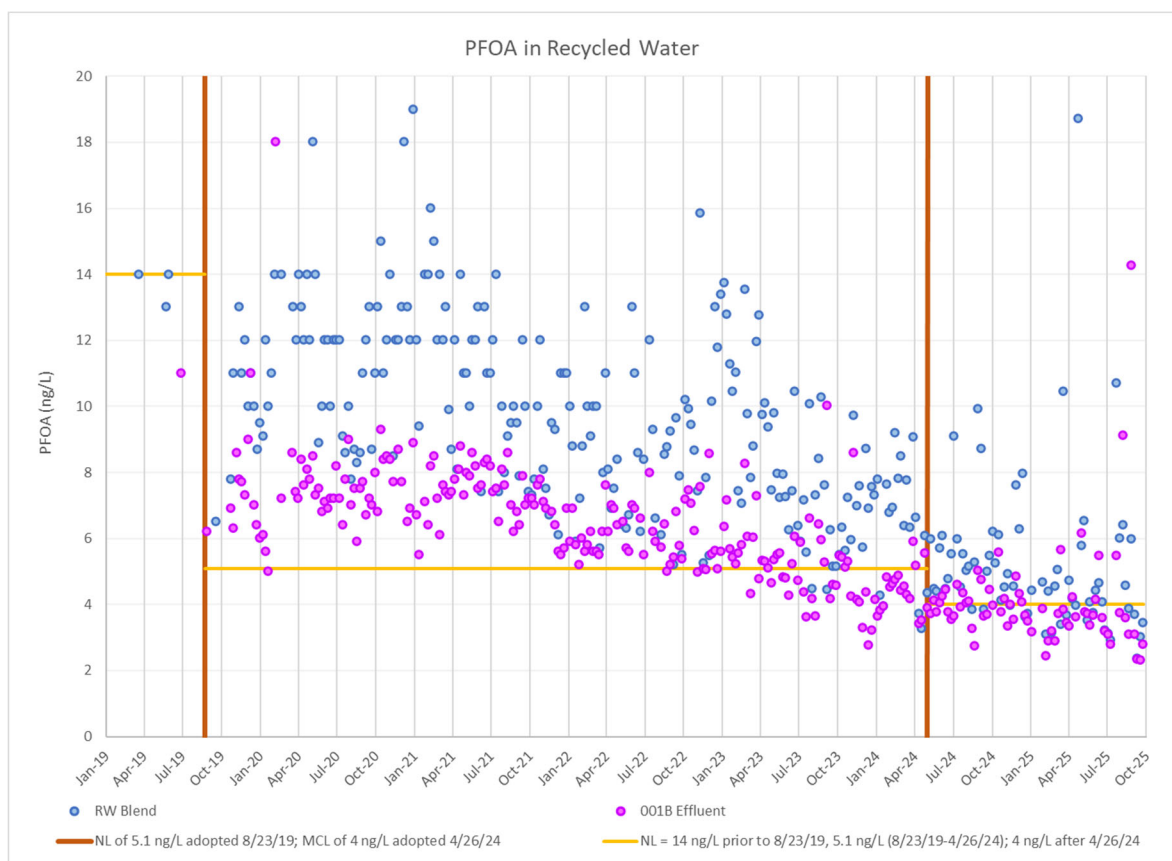
In April 2024, the Environmental Protection Agency (EPA) set new MCLs for PFAS and that became effective June 25, 2024. The DDW is currently in the process of developing California-specific MCLs for PFAS.

The table below shows weekly results of PFOA in recycled water for 3Q25:

| Date     | RW Blend (ng/L) | 4-week avg (ng/L) | Date     | 001B Eff (ng/L) | 4-week avg (ng/L) |
|----------|-----------------|-------------------|----------|-----------------|-------------------|
| 07/02/25 | 3.1             | 3.8               | 07/02/25 | 3.1             | 3.8               |
| 07/09/25 | 2.9             | 3.3               | 07/09/25 | 2.8             | 3.2               |
| 07/16/25 | 26.6            | 9.0               | 07/16/25 | 25.6            | 8.7               |
| 07/23/25 | 10.7            | 10.8              | 07/23/25 | 5.5             | 9.3               |
| 07/30/25 | 6.0             | 11.5              | 07/30/25 | 3.8             | 9.4               |
| 08/06/25 | 6.4             | 12.4              | 08/06/25 | 9.1             | 11.0              |
| 08/13/25 | 4.6             | 6.9               | 08/13/25 | 3.6             | 5.5               |
| 08/20/25 | 3.9             | 5.2               | 08/20/25 | 3.1             | 4.9               |
| 08/27/25 | 6.0             | 5.2               | 08/27/25 | 14.3            | 7.5               |
| 09/03/25 | 3.7             | 4.5               | 09/03/25 | 3.1             | 6.0               |
| 09/10/25 | 2.4             | 4.0               | 09/10/25 | 2.4             | 5.7               |
| 09/17/25 | 3.0             | 3.8               | 09/17/25 | 2.3             | 5.5               |
| 09/24/25 | 3.4             | 3.1               | 09/24/25 | 2.8             | 2.6               |

The chart below shows the trend in PFOA in recycled water from 2019 to 2025. As shown in the chart below, there is a decreasing trend in PFOA concentrations sampled at RW Blend and 001B Effluent approximately starting in April 2021. Despite this decreasing trend, the PFOA concentrations sampled at RW Blend and 001B Effluent in 2025 continued to exceed the NL of 5.1 ng/L and MCL of 4 ng/L.





### Odor

Odor has a secondary MCL of 3 Threshold Odor Number (TON) in the Recycled Water Specification A.3. The 4-quarter running average (using the four most recent quarterly odor values since odor is an annual monitoring requirement) for 3Q25 were 15 TON and 7 TON at the RW Blend and 001B Effluent, respectively, causing the threshold odor compliance metric to exceed the secondary MCL. Order No. R8-2007-0039 allows compliance for secondary MCLs to be determined at the mound monitoring well. Based on the mound monitoring well data (Table 2-9), threshold odor did not exceed 3 TON at all the nearest downgradient monitoring wells during 3Q25. The 4-quarter running average will remain the same until the next annual sampling is conducted.

### **B. Recycled Water: Alternative Monitoring Plans for TOC and TN**

Total organic carbon (TOC) and nitrogen species sampling and analyses were performed weekly or monthly at lysimeters at some basins when recycled water is being delivered, for the determination of compliance with Recycled Water Specifications A.7 and A.9 of the Order. However, starting 3Q22 all recharge basins have transitioned to alternative monitoring plans to determine compliance with TOC and TN, and lysimeter monitoring is no longer used.

As indicated in Recycled Water Compliance Determination B.5 and B.6 of the Order, alternative monitoring plans to the lysimeter-based compliance sampling for TOC and TN under Recycled Water Specifications A.7 and A.9 can be established upon development of a soil-aquifer treatment factor using recharge demonstration studies. The alternative monitoring plans can be determined in the basin Start-up Period Reports or First Year Operations Reports, and /or subsequent data-based demonstrations for the DDW and the Regional Board. The alternative TOC and TN monitoring plans approved by the Regional Board and DDW include alternative monitoring locations that include: sampling at a recycled water

distribution turnout with the application of a reduction factor. The following are the alternative monitoring plans for each basin:

- 7<sup>th</sup> & 8<sup>th</sup> Street Basin: Sampling at the RW Blend with a reduction factor of 93 percent for TOC and 75 percent for TN
- Banana Basin: Sampling at the RW Blend with a reduction factor of 93 percent for TOC and 47 percent for TN
- Brooks Basin: Sampling at the RW Blend with a reduction factor of 92 percent for TOC and 83 percent for TN.
- Declez Basin: Sampling at the RW Blend with a reduction factor of 62 percent for TOC and 91 percent for TN
- Ely Basins: Sampling 001B Effluent with a reduction factor of 86 percent for TOC and 52 percent for TN
- Hickory Basin: Sampling at the RW Blend with a reduction factor of 93 percent for TOC and 27 percent for TN
- RP3 Basin: Sampling at the RW Blend with a reduction factor of 88 percent for TOC and 31 percent for TN
- San Sevaine Basin 1-3: Sampling at the RW Blend with a reduction factor of 92 percent for TOC and 34 percent for TN.
- Turner Basins 1 & 2: Sampling at the RW Blend with a reduction factor of 70 percent for TOC and 87 percent for TN
- Turner Basins 3 & 4: Sampling at the RW Blend with a reduction factor of 85 percent for TOC and 87 percent for TN
- Victoria Basin: Sampling at the RW Blend with a reduction factor of 91 percent for TOC and 82 percent for TN

In June 2015, the DDW issued a letter that approved the request for 50% RWC for most of the basins where recycled water recharge had initiated, with the exception of San Sevaine 5 (no longer being recharged with recycled water but is permitted to recharge recycled water) and Turner Basins. At the time of requesting the 50% RWC for Turner Basins, DDW determined that IEUA did not have enough data to demonstrate arrival of recycled water. This was written in their approval letter. The DDW's justification in the letter for the 50% RWC was: "For most of the recharge basins, the data does show an increasing amount of EC and chloride in the mound monitoring wells over time, indicating that recycled water is reaching the mound. Corresponding TOC data from the mound monitoring wells also show a consistent TOC level of less than 1.0 mg/L when recycled water is present; therefore, increasing the RWC limit to 50 percent for some basins is justified."

In 2Q24 the TOC reduction factors were recalculated for 8th Street, Banana, Brooks, Ely, Hickory, and Victoria Basins due to findings in a 2015 DDW letter that TOC concentrations are less than 1.0 mg/L in concurrence with the presence of recycled water. The reduction factors were recalculated based on the average percent reduction of TOC at the mound monitoring wells for last five years.

During 4Q24, IEUA submitted a request to increase the RWC to 50% and change the TOC compliance locations for Declez and Turner Basins. The DDW requested the previous 52 weeks, the TOC 20-week running average, as monitored pursuant to §60320.118 and comparison to the limit (0.5 mg/L divided by the proposed maximum RWC). The request is pending as additional data has been requested by the DDW.

The TOC and TN values calculated based on the alternative monitoring locations and the application of the reduction factors listed above are summarized in Table 2-5. During 2Q25, there were no exceedances of TOC and TN at basins based on the alternative monitoring plans. As part of the CAR review, the DDW identified that the TN limit could not be met using a reduction factor we had previously established for alternative monitoring. The DDW clarified that the 10 mg/L TN limit from the GRRP regulations would need to be met at the recycled water. The recycled water monitoring has met the TN compliance for 2Q25 as demonstrated in Table 2-1. However, alternative monitoring using the reduction factor will continue to be reported for the Regional Board until a new GWR permit is issued.

Table 2-6 is a compliance summary table for RWC, TOC average, and TN compliance. It includes the following: when the basin started receiving recycled water; when the startup period was completed; the RWC limit; the current RWC; the current TOC average limit (based on Recycled Water Specification A.10); compliance with the calculated TOC average limit based on maximum TOC average on a 20-week average and a 4-sample average; compliance with the TN limit, and recharged water monitoring plans for TOC and TN.

### **C. Diluent Water**

In addition to recycled water recharge, the two other recharge water sources are imported water and stormwater / local runoff; these two types of water are considered diluent water. Imported water and stormwater / local runoff must be sampled quarterly in accordance with the DDW-approved Diluent Water Monitoring Plan.

Details on the methods used to measure daily diluent water flow and diluent water monitoring schedule can be found in the Diluent Water Monitoring Plan. The quarterly sampling schedule for stormwater and local runoff is presented in Table 4-2 of the plan. Stormwater is sampled during the rainy season (typically in the 1<sup>st</sup> and 4<sup>th</sup> quarters) and local runoff is sampled during the dry season (typically in the 2<sup>nd</sup> and 3<sup>rd</sup> quarters). Samples are collected at about half the locations during each seasonal quarter, alternating between even and odd years. Table 5-1 of the plan summarizes the sample type and reporting frequency for the parameters listed in Tables I, II, III, and IV of the Diluent Water Monitoring requirement III.3 of the MRP. For 3Q25, diluent water quality sampling of three local runoff sites was conducted. Table 2-7a lists the results of local runoff sampling and analyses for 3Q25. The maximum level to trigger a source water evaluation was exceeded primary MCLs for PFOA during the 3Q25 monitoring. IEUA has submitted a preliminary evaluation of potential source for all the contaminants where concentrations exceed the maximum level to trigger a source evaluation as part of the CAR and is awaiting a response from DDW regarding the need to complete a source water evaluation. These contaminants are as follows: aluminum, arsenic, bromate, chlorite, di(2-ethylhexyl)phthalate, dichloromethane, HAA5, heptachlor, lead, NO<sub>3</sub>-N, and perchlorate.

Table 2-7b lists the results from Metropolitan Water District's (MWD) general mineral and physical analysis of water from Silverwood Lake, the source of imported water for recharge.

### **D. Groundwater Monitoring Wells**

Monitoring is conducted at groundwater monitoring wells quarterly and annually to evaluate groundwater quality conditions in the vicinity of the recharge basins utilizing recycled water. Groundwater monitoring results can be used to assess background conditions, time the arrival of recharge waters, and assess the impact that recharged water has on downgradient water supplies. The wells in the monitoring networks for Hickory and Banana, Turner, Declez, RP3, 7<sup>th</sup> & 8<sup>th</sup> Street, Brooks Street, San Sevaïne, Victoria, and Ely Basins are summarized in Table 2-8, and presented on Figures 2-1 through 2-7, respectively. Groundwater quality samples are collected and tested quarterly for all constituents listed in Table 1 of Section V in the MRP R8-2007-0039, and annually for constituents specified in the Phase II Findings of Fact, Attachment A in the permit (Bullet 27 in the Conditions Section). The groundwater constituents

analyzed from the monitoring wells during quarterly and annual monitoring are presented in Table 2-9a and Table 2-9b, respectively.

Any 3Q25 sample which exceeded primary or secondary MCLs are shown in Table 2-9a and in Table 2-9b in magenta (primary MCL) and yellow (secondary MCL) bold italic font. The DDW is notified within 48 hours of receiving the results for primary MCL exceedances or coliform presence at active municipal drinking water wells. Exceedances of primary MCLs and coliform presence at non-drinking water monitoring wells and all secondary MCL exceedances are not reported to the DDW but are reported in the quarterly reports. In 3Q25, the following constituents were detected above the MCLs:

#### Primary MCL Exceedance

- NO<sub>3</sub>-N was detected above the primary MCL of 10 mg/L at Alcoa MW3, Southridge JHS, BRK-1/2, BRK-2/2, Ely Basin MW2 Walnut St., and Bishop of SB Corp. – DOM. The NO<sub>3</sub>-N concentrations at these wells range from 12 to 22 mg/L and are characteristic of groundwater quality in these areas of the Chino Basin. The distribution of NO<sub>3</sub>-N concentrations observed at wells in the Chino Basin is summarized in Watermaster's State of the Basin Reports. No notifications were made to the DDW as these high NO<sub>3</sub>-N concentrations are comparable to the ambient NO<sub>3</sub>-N concentration in groundwater for each monitoring well's respective groundwater management zone within the Chino Basin.

#### Secondary MCL Exceedances

- TDS was detected above the secondary MCL of 500 mg/L at Alcoa MW1, Alcoa MW3, Southridge JHS, and Bishop of SB Corp. - DOM. TDS concentrations during 3Q25 at these wells range from 542 to 682 mg/L and are characteristic of groundwater TDS concentration at these areas of the Chino Basin. The distribution of TDS concentrations observed at wells in the Chino Basin is summarized in Watermaster's State of the Basin Reports.
- EC was detected above the secondary MCL of 900 µmhos/cm at Alcoa MW1 and Southridge JHS. These exceedances correlate with the exceedances of secondary MCL for TDS at Alcoa MW 1 and Southridge JHS.
- Manganese was detected above the secondary MCL of 50 µg/L at RP3-1/1.
- Turbidity was detected above the secondary MCL of 5 NTU at 8TH-1/1, 8TH-2/2, and SSV-2. Turbidity concentrations during 3Q25 at these wells ranged from 11.4 to 15.3 NTU.
- pH was detected outside of the range of the secondary MCL of 6.5 to 8.5 at RP3-1/1.

The 2024 State of the Basin can be reviewed and accessed at the Watermaster's website, [www.cbwm.org](http://www.cbwm.org).

The 2014 GRRP regulations require two downgradient monitoring wells to be monitored quarterly for Priority Toxic Pollutants, and that the wells are located (A) no less than two weeks but no more than six months of travel through the unsaturated zone affected by the project, and (B) at least 30 days upgradient of the nearest drinking water well. The table below shows the monitoring wells that meet the (A) and (B) criteria specified above.

| Basins                                   | Monitoring Well (A) | Monitoring Well (B) |
|------------------------------------------|---------------------|---------------------|
| 7 <sup>th</sup> & 8 <sup>th</sup> Street | 8TH-1/2             | 8TH-2/1             |
| Banana & Hickory                         | BH-1/2              | BH-2/1              |
| Brooks                                   | BRK-1/1             | BRK-2/1             |
| Ely                                      | ELY-3               | Ely MW2             |
| RP3                                      | RP3-1/1             | Southridge JHS      |
| Turner                                   | T-1/2               | T-2/2               |

| Basins                 | Monitoring Well (A) | Monitoring Well (B) |
|------------------------|---------------------|---------------------|
| Victoria & San Sevaine | SSV-2 & VCT-1/1     | VCT-2/2             |
| Declez                 | DCZ-1/1             | DCZ-2               |

Groundwater quality samples are collected and tested annually for constituents specified in the Phase II Findings of Fact, Attachment A in the permit (Bullet 27 in the Conditions Section). The constituents and the results of the annual groundwater monitoring are presented in Table 2-9b. The exceedances that occurred during the annual monitoring are listed in the Section 7, Exceedance Summary Table.

During the annual groundwater monitoring well sampling, the perchlorate concentration at BRK-1/2 and BRK-2/2 were above the primary MCL of 6 µg/L. Perchlorate concentrations at BRK-1/2 has always been at levels above the MCL since sampling at this well began in early 2007, prior to recycled water recharge. The perchlorate concentrations in BRK-1/2 are consistent with historical background groundwater concentration found at nearby wells in the Pomona area. This is the first year that BRK-2/2 showed perchlorate levels above the MCL. The perchlorate concentrations in these areas are reported in the Watermaster's State of the Basin reports. The nickel concentrations at three monitoring wells have been consistently above the MCL of 100 µg/L at 8TH-1/2 since 2017, 8TH-2/2 since 2019, and RP3-1/1 since 2018. For the first time since 2021, 8TH-1/1 exceeded the nickel MCL. The nickel concentrations of the recycled water and diluent water are well below the MCL.

### 3. Recharge Operations

IEUA's GWR staff records the daily volumes of water routed to the recharge basins. The 7th & 8th St, Banana, Brooks, Declez, RP3, San Sevaine, and Victoria Basins received recycled water this quarter. Table 3-1 lists the volumes of recycled water and diluent water (imported water and/or local runoff/storm flow) captured during the most recent four quarters at the basins that have initiated recharge using recycled water.

### 4. Operational Problems & Preventive or Corrective Actions

No operational problems were encountered this quarter; therefore, no corrective actions were necessary for the following: Regional Water Recycling Facilities - RP-1 & RP-4 and recharge operations.

Although IEUA did not encounter operational problems in 3Q25, IEUA encountered issues that prevented monitoring at specific wells during 3Q25. The following summarizes the issues:

- Pomona Well 34 and California Speedway – Infield Well had pump moto issues that were not resolved this quarter.
- CVWD Well 39 is out of service due to a nearby fire.
- DCZ-1/1 is undergoing well rehabilitation to correct turbidity issues.

### 5. Certification of Non-Pumping in the Buffer Zones

Watermaster has certified that there was no reported pumping of groundwater in 2Q25 for domestic or municipal use from the buffer zones that extend 500 feet and 6 months underground travel time from the 7th & 8th St, Banana, Brooks, Declez, Ely, Hickory, RP3, San Sevaine, Turner, Victoria Basins. In fact, there are no domestic or municipal production wells within the buffer zones of these aforementioned recharge sites.

IEUA continues to work with the San Bernardino County Department of Environmental Health Services (SBCDEHS) to prevent the drilling and construction of new drinking water wells within the buffer zones. SBCDEHS has initiated control over production well permitting within the buffer zones of all recharge



sites through the use of buffer zone maps that utilize the same land coordinate system (Township/ Range/ Section/ 40-acre Parcel) that is used in the permitting process. SBCDEHS reviews new well permit applications, in part, by checking the proposed location of a new drinking water well against recharge basin location maps and parcel lists, both provided by IEUA. The maps and lists show township/range/section parcels (40-acre parcels) that abut recharge basins and their 500-foot buffers.

If a proposed well falls within an abutting parcel, SBCDEHS will review the well location using maps of the basins and buffer zones. If the well falls too near the buffer zone boundary for SBCDEHS to determine the relationship of the proposed well location to the buffer boundary, SBCDEHS will defer to IEUA for a prompt field review of the proposed well location. The field review may include contacting and having the well applicant identify the exact location of the proposed well casing. To conduct a detailed field review, SBCDEHS will contact and provide the IEUA Groundwater Recharge Coordinator with a copy of the well permit application and a timeline for the completion of IEUA's review. Following the review, IEUA will notify SBCDEHS of its findings in writing. IEUA will also notify the DDW and the Regional Board of well permit applications that it recommends should be declined due to well locations determined to fall within a 500-foot buffer zone.

## 6. MVWD ASR Project

Reporting for the Monte Vista Water District (MVWD) Aquifer Storage and Recovery (ASR) project was allowed by the Regional Board to be included under IEUA/Watermaster Phase I Groundwater Recharge Order No. R8-2005-0033 and subsequent permit updates. In April 2007, MVWD, Watermaster, and IEUA entered into an agreement to report the MVWD ASR project groundwater injection/recovery volumes and TIN/TDS mass balance in the recharge program quarterly reports. Initial injection began in June 2007. Injection activities have been periodic since the program began in 2007. There was no injection activity during 3Q25. Table 6-1 summarizes the monthly volumes and TIN/TDS of injected and recovered water for the last year (4Q24 to 3Q25) and the mass balance of TIN/TDS from the injection-recovery cycles.

## 7. Exceedance Summary Table

The table below summarizes the recycled water, diluent water, and monitoring well exceedances from 3Q25.

| Sample Type               | Site                                  | Exceedance                                                                                                                                    |
|---------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| RW                        | RW Blend                              | Primary MCL (4.0 ng/L) – PFOA<br>Secondary MCL (3 TON) – Odor (this will remain until next annual sampling)                                   |
| RW                        | 001B Effluent                         | Primary MCL (4.0 ng/L) – PFOA<br>Secondary MCL (3 TON) – Odor (this will remain until next annual sampling)                                   |
| Diluent –<br>Local Runoff | Cucamonga Creek @ Turner<br>1&2 Basin | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS<br>Primary MCL (800 µg/L) – Chlorate                                           |
| Diluent –<br>Local Runoff | Deer Creek @ Turner 3&4<br>Basin      | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS                                                                                |
| Diluent –<br>Local Runoff | W Cucamonga Creek @ Ely<br>Basin      | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS<br>Notification Level (1 µg/L) – 1,4 - Dioxane<br>Secondary MCL (3 TON) – Odor |

| Sample Type | Site                     | Exceedance                                                                                                                                    |
|-------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Well        | 8TH-1/1                  | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS<br>Secondary MCL (5 NTU) – Turbidity<br>Notification Level (100 µg/L) - Nickel |
| Well        | 8TH-1/2                  | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS                                                                                |
| Well        | 8TH-2/1                  | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS<br>Primary MCL (10 ng/L) – PFHxS<br>Primary MCL (1 ng/L) – Hazardous Index     |
| Well        | 8TH-2/2                  | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS<br>Secondary MCL (5 NTU) – Turbidity<br>Primary MCL (100 µg/L) - Nickel        |
| Well        | Alcoa MW1                | Secondary MCL (200 µmhos/cm) - EC<br>Secondary MCL (500 mg/L) – TDS                                                                           |
| Well        | Alcoa MW3                | Secondary MCL (500 mg/L) - TDS                                                                                                                |
| Well        | Bishop of SB Corp-Dom    | Primary MCL (10 mg/L) – NO <sub>3</sub> -N<br>Secondary MCL (500 mg/L) - TDS                                                                  |
| Well        | BRK-1/1                  | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS                                                                                |
| Well        | BRK-1/2                  | Primary MCL (4.0 ng/L) – Perchlorate<br>Primary MCL (10 mg/L) – NO <sub>3</sub> -N                                                            |
| Well        | BRK-2/1                  | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS                                                                                |
| Well        | BRK-2/2                  | Primary MCL (4.0 ng/L) – Perchlorate<br>Primary MCL (10 mg/L) – NO <sub>3</sub> -N                                                            |
| Well        | BH-1/2                   | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (1 ng/L) – Hazardous Index                                                                       |
| Well        | BH-2/1                   | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (10 ng/L) – PFHxS<br>Primary MCL (1 ng/L) – Hazardous Index                                      |
| Well        | DCZ-2                    | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS                                                                                |
| Well        | Ely Basin MW2 Walnut St. | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS<br>Primary MCL (10 mg/L) – NO <sub>3</sub> -N                                  |
| Well        | ELY-3                    | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS<br>Primary MCL (10 mg/L) – NO <sub>3</sub> -N                                  |
| Well        | RP3-1/1                  | Primary MCL (100 µg/L) – Nickel<br>Primary MCL (50 µg/L) - Manganese                                                                          |

| Sample Type | Site           | Exceedance                                                          |
|-------------|----------------|---------------------------------------------------------------------|
| Well        | Southridge JHS | Secondary MCL (200 µmhos/cm) - EC<br>Secondary MCL (500 mg/L) – TDS |
| Well        | SSV-2          | Secondary MCL (5 NTU) – Turbidity                                   |
| Well        | T-1/2          | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS      |
| Well        | T-2/2          | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS      |
| Well        | Unitex 91090   | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS      |
| Well        | VCT-1/1        | Primary MCL (4.0 ng/L) – PFOA<br>Primary MCL (4.0 ng/L) – PFOS      |

Table 2-1a  
Recycled Water Monitoring: RP-1 & RP-4 Effluent Water Quality for July 2025  
(Recycled Water Quality Specifications A.5, A.7, A.8, & A.9)

| Unit     | RP-1 Effluent (001B Effluent) |                 |                    |                     |                  |                 |                 |                  |          |                           | RP-4 Effluent              |                 |                    |                     |                  |                 |                 |                  |          |                           |
|----------|-------------------------------|-----------------|--------------------|---------------------|------------------|-----------------|-----------------|------------------|----------|---------------------------|----------------------------|-----------------|--------------------|---------------------|------------------|-----------------|-----------------|------------------|----------|---------------------------|
|          | Turbidity <sup>1,2,7</sup>    | TOC             | NO <sub>3</sub> -N | TN                  | TIN <sup>3</sup> | pH <sup>7</sup> | EC <sup>7</sup> | TDS <sup>3</sup> | Hardness | Coliform <sup>1,2,4</sup> | Turbidity <sup>1,2,7</sup> | TOC             | NO <sub>3</sub> -N | TN                  | TIN <sup>3</sup> | pH <sup>7</sup> | EC <sup>7</sup> | TDS <sup>3</sup> | Hardness | Coliform <sup>1,2,4</sup> |
| Limits   | NTU                           | mg/L            | mg/L               | mg/L                | mg/L             | unit            | µhmo/cm         | mg/L             | mg/L     | mpn/100mL                 | NTU                        | mg/L            | mg/L               | mg/L                | mg/L             | unit            | µhmo/cm         | mg/L             | mg/L     | mpn/100mL                 |
|          | 2;5;10                        | 16 <sup>5</sup> |                    | 10 / 5 <sup>6</sup> |                  | 6<pH<9          |                 |                  |          | 2.2;23;240                | 2;5;10                     | 16 <sup>5</sup> |                    | 10 / 5 <sup>6</sup> |                  | 6<pH<9          |                 |                  |          | 2.2;23;240                |
| 07/01/25 | 0.6                           | 6.6             |                    |                     |                  | 7.0             | 806             |                  |          | <1                        | 1.0                        | 6.7             |                    |                     |                  | 7.0             | 763             |                  |          | <1                        |
| 07/02/25 | 0.6                           | 6.5             | 5.3                | 5.9                 | 5.3              | 7.0             | 811             |                  |          | <1                        | 0.9                        | 6.4             | 5.9                |                     | 5.9              | 7.0             | 762             |                  |          | <1                        |
| 07/03/25 | 0.5                           | 6.8             |                    |                     |                  | 7.0             | 805             |                  |          | <1                        | 0.9                        | 6.6             |                    |                     |                  | 7.0             | 775             |                  |          | <1                        |
| 07/04/25 | 0.5                           | 6.5             |                    |                     |                  | 7.0             | 800             |                  |          | 1                         | 0.9                        | 6.6             |                    |                     |                  | 7.0             | 773             |                  |          | <1                        |
| 07/05/25 | 0.5                           | 6.7             |                    |                     |                  | 7.0             | 781             |                  |          | <1                        | 0.9                        | 6.7             |                    |                     |                  | 7.0             | 769             |                  |          | <1                        |
| 07/06/25 | 0.5                           | 6.8             | 6.0                | 6.4                 | 6.0              | 7.0             | 767             | 438              | 157      | <1                        | 0.9                        | 6.7             | 5.7                | 6.3                 | 5.7              | 7.0             | 776             | 410              | 142      | <1                        |
| 07/07/25 | 0.5                           | 7.0             |                    |                     |                  | 7.0             | 776             |                  |          | <1                        | 0.9                        | 6.9             |                    |                     |                  | 7.0             | 772             |                  |          | <1                        |
| 07/08/25 | 0.5                           | 6.8             |                    |                     |                  | 7.0             | 789             |                  |          | 2                         | 0.8                        | 6.4             |                    |                     |                  | 7.0             | 773             |                  |          | <1                        |
| 07/09/25 | 0.6                           | 6.7             | 5.0                | 5.6                 | 5.0              | 7.0             | 772             |                  |          | <1                        | 0.8                        | 6.7             | 5.4                |                     | 5.4              | 7.0             | 775             |                  |          | <1                        |
| 07/10/25 | 0.6                           | 6.5             |                    |                     |                  | 7.0             | 763             |                  |          | 1                         | 0.8                        | 6.4             |                    |                     |                  | 7.0             | 772             |                  |          | <1                        |
| 07/11/25 | 0.6                           | 6.5             |                    |                     |                  | 7.0             | 764             |                  |          | <1                        | 0.7                        | 6.1             |                    |                     |                  | 7.0             | 767             |                  |          | <1                        |
| 07/12/25 | 0.6                           | 6.8             |                    |                     |                  | 7.0             | 763             |                  |          | <1                        | 0.7                        | 6.1             |                    |                     |                  | 7.0             | 759             |                  |          | <1                        |
| 07/13/25 | 0.6                           | 6.4             | 5.4                | 6.5                 | 5.4              | 7.0             | 757             | 478              |          | <1                        | 0.7                        | 6.1             | 5.4                | 6.1                 | 5.4              | 7.1             | 752             | 462              |          | <1                        |
| 07/14/25 | 0.6                           | 6.4             |                    |                     |                  | 7.0             | 741             |                  |          | <1                        | 0.7                        | 6.2             |                    |                     |                  | 7.2             | 738             |                  |          | <1                        |
| 07/15/25 | 0.7                           | 6.1             |                    |                     |                  | 7.0             | 772             |                  |          | <1                        | 0.6                        | 6.0             |                    |                     |                  | 7.4             | 744             |                  |          | <1                        |
| 07/16/25 | 0.7                           | 6.4             | 4.6                | 5.4                 | 4.7              | 7.0             | 752             |                  |          | <1                        | 0.6                        | 6.0             | 4.5                |                     | 4.6              | 7.4             | 746             |                  |          | <1                        |
| 07/17/25 | 0.7                           | 6.1             |                    |                     |                  | 7.0             | 745             |                  |          | <1                        | 0.6                        | 5.5             |                    |                     |                  | 7.4             | 754             |                  |          | <1                        |
| 07/18/25 | 0.7                           | 6.0             |                    |                     |                  | 7.0             | 753             |                  |          | <1                        | 0.5                        | 5.5             |                    |                     |                  | 7.4             | 753             |                  |          | <1                        |
| 07/19/25 | 0.7                           | 6.5             |                    |                     |                  | 7.0             | 737             |                  |          | <1                        | 0.6                        | 5.6             |                    |                     |                  | 7.3             | 755             |                  |          | <1                        |
| 07/20/25 | 0.7                           | 5.9             | 5.5                | 6.2                 | 5.5              | 7.0             | 732             | 464              |          | <1                        | 0.5                        | 5.6             | 4.7                | 5.6                 | 4.7              | 7.4             | 753             | 440              |          | <1                        |
| 07/21/25 | 0.7                           | 6.6             |                    |                     |                  | 7.0             | 693             |                  |          | <1                        | 0.6                        | 5.9             |                    |                     |                  | 7.3             | 730             |                  |          | <1                        |
| 07/22/25 | 0.7                           | 6.5             |                    |                     |                  | 7.0             | 723             |                  |          | 2                         | 0.6                        | 5.9             |                    |                     |                  | 7.2             | 717             |                  |          | <1                        |
| 07/23/25 | 0.7                           | 6.3             | 4.3                | 5.1                 | 4.5              | 6.9             | 742             |                  |          | <1                        | 0.5                        | 5.5             | 4.5                |                     | 4.5              | 7.2             | 726             |                  |          | <1                        |
| 07/24/25 | 0.7                           | 6.5             |                    |                     |                  | 6.9             | 755             |                  |          | <1                        | 0.6                        | 5.5             |                    |                     |                  | 7.2             | 708             |                  |          | <1                        |
| 07/25/25 | 0.6                           | 6.6             |                    |                     |                  | 6.9             | 741             |                  |          | <1                        | 0.6                        | 5.5             |                    |                     |                  | 7.2             | 699             |                  |          | <1                        |
| 07/26/25 | 0.5                           | 6.4             |                    |                     |                  | 7.0             | 768             |                  |          | <1                        | 0.6                        | 5.7             |                    |                     |                  | 7.2             | 701             |                  |          | <1                        |
| 07/27/25 | 0.6                           | 6.5             | 5.1                | 5.6                 | 5.1              | 6.9             | 721             | 474              |          | <1                        | 0.6                        | 5.8             | 4.8                | 5.4                 | 4.8              | 7.2             | 700             | 452              |          | <1                        |
| 07/28/25 | 0.6                           | 6.4             |                    |                     |                  | 6.9             | 698             |                  |          | <1                        | 0.5                        | 5.8             |                    |                     |                  | 7.2             | 696             |                  |          | <1                        |
| 07/29/25 | 0.6                           | 6.6             |                    |                     |                  | 6.9             | 756             |                  |          | 2                         | 0.5                        | 5.9             |                    |                     |                  | 7.2             | 695             |                  |          | <1                        |
| 07/30/25 | 0.5                           | 7.0             | 3.2                | 4.2                 | 3.3              | 7.0             | 813             |                  |          | <1                        | 0.5                        | 5.6             | 4.2                |                     | 4.3              | 7.2             | 690             |                  |          | <1                        |
| 07/31/25 | 0.5                           | 6.2             |                    |                     |                  | 7.0             | 811             |                  |          | <1                        | 0.5                        | 5.6             |                    |                     |                  | 7.2             | 698             |                  |          | <1                        |
| Avg      | 0.6                           | 6.5             | 4.9                | 5.7                 | 5.0              | 7.0             | 762             | 464              | 157      | <1                        | 0.7                        | 6.1             | 5.0                | 5.8                 | 5.0              | 7.2             | 742             | 441              | 142      | <1                        |
| Min      | 0.5                           | 5.9             | 3.2                | 4.2                 | 3.3              | 6.9             | 693             | 438              | 157      | <1                        | 0.5                        | 5.5             | 4.2                | 5.4                 | 4.3              | 7.0             | 690             | 410              | 142      | <1                        |
| Max      | 0.7                           | 7.0             | 6.0                | 6.5                 | 6.0              | 7.0             | 813             | 478              | 157      | 2                         | 1.0                        | 6.9             | 5.9                | 6.3                 | 5.9              | 7.4             | 776             | 462              | 142      | <1                        |

Note: **Bolded characters signify an exceedance of a permit limitation**

Blank cells indicate that analysis was not run for a constituent on that particular date. The data presented meets/exceeds the frequency of analysis specified under the discharge permit for these facilities.

<sup>1</sup> Turbidity and coliform must meet water quality standards for disinfected tertiary treated recycled water, as specified in NPDES No. CA8000409, Order No. R8-2009-0021.

<sup>2</sup> Turbidity limits: 2 NTU average daily; 5 NTU no more than 5% of day; 10 NTU at any time. Coliform limits: 2.2 MPN/100mL 7-day median; 23 MPN/100mL in no more than 1 sample per month; 240 MPN/100mL at any time.

<sup>3</sup> TDS and TIN limits are based on the 12-month running average of the combined effluent from all plants, which are presented in Table 2-2.

<sup>4</sup> Monthly average for coliform is based on "non-detect" values equal to 2. Determination of "less than" is dependent on the number of "non-detect" occurrences more than half the days in the month.

<sup>5</sup> TOC shall not exceed 16 mg/L for more than two consecutive samples and an average of the last 4 sample results. TOC compliance can be met at a point prior to reaching the regional groundwater table, including lysimeters.

<sup>6</sup> DDW limit is 10 mg/L and compliance is evaluated in recycled water samples. RWQCB limit is 5 mg/L and compliance can be evaluated using applied correction factor of alternative monitoring plans

<sup>7</sup> These values based on continuous monitoring data generated by the Supervisory Control and Data Acquisition (SCADA) system.

Table 2-1b  
Recycled Water Monitoring: RP-1 & RP-4 Effluent Water Quality for August 2025  
(Recycled Water Quality Specifications A.5, A.7, A.8, & A.9)

| Unit     | RP-1 Effluent (001B Effluent) |                 |                    |                     |                  |                 |                 |                  |          |                           | RP-4 Effluent              |                 |                    |                     |                  |                 |                 |                  |          |                           |
|----------|-------------------------------|-----------------|--------------------|---------------------|------------------|-----------------|-----------------|------------------|----------|---------------------------|----------------------------|-----------------|--------------------|---------------------|------------------|-----------------|-----------------|------------------|----------|---------------------------|
|          | Turbidity <sup>1,2,7</sup>    | TOC             | NO <sub>3</sub> -N | TN                  | TIN <sup>3</sup> | pH <sup>7</sup> | EC <sup>7</sup> | TDS <sup>3</sup> | Hardness | Coliform <sup>1,2,4</sup> | Turbidity <sup>1,2,7</sup> | TOC             | NO <sub>3</sub> -N | TN                  | TIN <sup>3</sup> | pH <sup>7</sup> | EC <sup>7</sup> | TDS <sup>3</sup> | Hardness | Coliform <sup>1,2,4</sup> |
| Limits   | NTU                           | mg/L            | mg/L               | mg/L                | mg/L             | unit            | µhmo/cm         | mg/L             | mg/L     | mpn/100mL                 | NTU                        | mg/L            | mg/L               | mg/L                | mg/L             | unit            | µhmo/cm         | mg/L             | mg/L     | mpn/100mL                 |
|          | 2;5;10                        | 16 <sup>5</sup> |                    | 10 / 5 <sup>6</sup> |                  | 6<pH<9          |                 |                  |          | 2.2;23;240                | 2;5;10                     | 16 <sup>5</sup> |                    | 10 / 5 <sup>6</sup> |                  | 6<pH<9          |                 |                  |          | 2.2;23;240                |
| 08/01/25 | 0.6                           | 6.2             |                    |                     |                  | 7.0             | 812             |                  |          | <1                        | 0.6                        | 5.7             |                    |                     |                  | 7.2             | 697             |                  |          | <1                        |
| 08/02/25 | 0.5                           | 6.4             |                    |                     |                  | 7.0             | 816             |                  |          | <1                        | 0.6                        | 5.8             |                    |                     |                  | 7.1             | 700             |                  |          | <1                        |
| 08/03/25 | 0.5                           | 5.8             | 5.1                | 5.7                 | 5.1              | 7.0             | 799             | 468              | 151      | <1                        | 0.6                        | 5.8             | 4.5                | 5.0                 | 4.5              | 7.1             | 697             | 446              | 138      | <1                        |
| 08/04/25 | 0.5                           | 6.2             |                    |                     |                  | 6.9             | 782             |                  |          | 1                         | 0.6                        | 5.9             |                    |                     |                  | 7.1             | 721             |                  |          | <1                        |
| 08/05/25 | 0.4                           | 6.8             |                    |                     |                  | 7.0             | 831             |                  |          | <1                        | 0.6                        | 6.3             |                    |                     |                  | 7.2             | 762             |                  |          | <1                        |
| 08/06/25 | 0.5                           | 6.5             | 4.5                | 5.0                 | 4.5              | 7.0             | 838             |                  |          | <1                        | 0.6                        | 5.9             | 5.1                |                     | 5.1              | 7.1             | 766             |                  |          | <1                        |
| 08/07/25 | 0.5                           | 4.8             |                    |                     |                  | 7.0             | 823             |                  |          | <1                        | 0.6                        | 5.9             |                    |                     |                  | 7.1             | 771             |                  |          | <1                        |
| 08/08/25 | 0.5                           | 6.2             |                    |                     |                  | 7.0             | 807             |                  |          | 1                         | 0.6                        | 5.7             |                    |                     |                  | 7.1             | 779             |                  |          | <1                        |
| 08/09/25 | 0.5                           | 6.5             |                    |                     |                  | 7.0             | 798             |                  |          | <1                        | 0.6                        | 5.8             |                    |                     |                  | 7.1             | 790             |                  |          | <1                        |
| 08/10/25 | 0.6                           | 6.3             | 5.6                | 5.7                 | 5.6              | 7.0             | 772             | 456              |          | <1                        | 0.5                        | 5.9             | 4.9                | 5.6                 | 4.9              | 7.1             | 789             | 454              |          | <1                        |
| 08/11/25 | 0.5                           | 6.3             |                    |                     |                  | 7.0             | 755             |                  |          | <1                        | 0.5                        | 5.9             |                    |                     |                  | 7.1             | 770             |                  |          | <1                        |
| 08/12/25 | 0.4                           | 6.5             |                    |                     |                  | 6.9             | 802             |                  |          | <1                        | 0.5                        | 6.2             |                    |                     |                  | 7.2             | 772             |                  |          | <1                        |
| 08/13/25 | 0.5                           | 5.8             | 4.9                | 5.1                 | 4.9              | 7.0             | 802             |                  |          | <1                        | 0.5                        | 5.9             | 4.9                |                     | 4.9              | 7.1             | 780             |                  |          | <1                        |
| 08/14/25 | 0.5                           | 5.2             |                    |                     |                  | 6.9             | 763             |                  |          | <1                        | 0.5                        | 5.6             |                    |                     |                  | 7.1             | 778             |                  |          | <1                        |
| 08/15/25 | 0.5                           | 6.5             |                    |                     |                  | 7.0             | 752             |                  |          | 1                         | 0.5                        | 5.7             |                    |                     |                  | 7.1             | 777             |                  |          | <1                        |
| 08/16/25 | 0.5                           | 6.7             |                    |                     |                  | 7.0             | 767             |                  |          | <1                        | 0.5                        | 5.7             |                    |                     |                  | 7.1             | 780             |                  |          | <1                        |
| 08/17/25 | 0.5                           | 6.0             | 5.4                | 5.8                 | 5.4              | 7.0             | 748             | 460              |          | <1                        | 0.5                        | 5.9             | 4.6                | 5.1                 | 4.6              | 7.1             | 779             | 404              |          | <1                        |
| 08/18/25 | 0.5                           | 5.4             |                    |                     |                  | 6.9             | 756             |                  |          | <1                        | 0.5                        | 5.9             |                    |                     |                  | 7.1             | 763             |                  |          | <1                        |
| 08/19/25 | 0.5                           | 6.1             |                    |                     |                  | 6.9             | 787             |                  |          | <1                        | 0.5                        | 6.1             |                    |                     |                  | 7.1             | 765             |                  |          | <1                        |
| 08/20/25 | 0.5                           | 5.6             | 5.0                | 5.3                 | 5.0              | 6.9             | 757             |                  |          | 1                         | 0.5                        | 6.0             | 5.1                |                     | 5.1              | 7.1             | 764             |                  |          | <1                        |
| 08/21/25 | 0.5                           | 5.9             |                    |                     |                  | 6.9             | 756             |                  |          | 1                         | 0.5                        | 5.8             |                    |                     |                  | 7.1             | 766             |                  |          | <1                        |
| 08/22/25 | 0.5                           | 6.0             |                    |                     |                  | 7.0             | 816             |                  |          | <1                        | 0.5                        | 5.9             |                    |                     |                  | 7.1             | 765             |                  |          | <1                        |
| 08/23/25 | 0.5                           | 6.1             |                    |                     |                  | 6.9             | 851             |                  |          | <1                        | 0.5                        | 5.9             |                    |                     |                  | 7.1             | 774             |                  |          | <1                        |
| 08/24/25 | 0.5                           | 5.9             | 5.3                | 5.8                 | 5.3              | 6.9             | 764             | 450              |          | <1                        | 0.5                        | 6.1             | 4.8                | 5.2                 | 4.8              | 7.1             | 779             | 442              |          | <1                        |
| 08/25/25 | 0.5                           | 6.1             |                    |                     |                  | 6.9             | 755             |                  |          | <1                        | 0.5                        | 6.1             |                    |                     |                  | 7.1             | 765             |                  |          | <1                        |
| 08/26/25 | 0.5                           | 6.3             |                    |                     |                  | 7.0             | 776             |                  |          | <1                        | 0.5                        | 6.1             |                    |                     |                  | 7.2             | 765             |                  |          | <1                        |
| 08/27/25 | 0.5                           | 6.3             | 4.4                | 5.2                 | 4.4              | 7.0             | 779             |                  |          | <1                        | 0.5                        | 6.0             | 5.3                |                     | 5.3              | 7.2             | 762             |                  |          | <1                        |
| 08/28/25 | 0.5                           | 5.9             |                    |                     |                  | 7.1             | 785             |                  |          | <1                        | 0.5                        | 6.1             |                    |                     |                  | 7.1             | 756             |                  |          | <1                        |
| 08/29/25 | 0.5                           | 6.4             |                    |                     |                  | 7.1             | 803             |                  |          | <1                        | 0.5                        | 5.7             |                    |                     |                  | 7.1             | 774             |                  |          | <1                        |
| 08/30/25 | 0.6                           | 6.3             |                    |                     |                  | 7.1             | 806             |                  |          | <1                        | 0.5                        | 5.9             |                    |                     |                  | 7.1             | 776             |                  |          | <1                        |
| 08/31/25 | 0.6                           | 6.0             | 4.9                | 5.6                 | 4.9              | 7.1             | 789             | 434              |          | <1                        | 0.5                        | 5.8             | 5.3                | 5.7                 |                  | 7.1             | 771             | 418              |          | <1                        |
| Avg      | 0.5                           | 6.1             | 5.0                | 5.5                 | 5.0              | 7.0             | 789             | 454              | 151      | <1                        | 0.5                        | 5.9             | 4.9                | 5.3                 | 4.9              | 7.1             | 763             | 433              | 138      | <1                        |
| Min      | 0.4                           | 4.8             | 4.4                | 5.0                 | 4.4              | 6.9             | 748             | 434              | 151      | <1                        | 0.5                        | 5.6             | 4.5                | 5.0                 | 4.5              | 7.1             | 697             | 404              | 138      | <1                        |
| Max      | 0.6                           | 6.8             | 5.6                | 5.8                 | 5.6              | 7.1             | 851             | 468              | 151      | 1                         | 0.6                        | 6.3             | 5.3                | 5.7                 | 5.3              | 7.2             | 790             | 454              | 138      | <1                        |

Note:

**Bolded characters signify an exceedance of a permit limitation**

Blank cells indicate that analysis was not run for a constituent on that particular date. The data presented meets/exceeds the frequency of analysis specified under the discharge permit for these facilities.

<sup>1</sup> Turbidity and coliform must meet water quality standards for disinfected tertiary treated recycled water, as specified in NPDES No. CA8000409, Order No. R8-2009-0021.

<sup>2</sup> Turbidity limits: 2 NTU average daily; 5 NTU no more than 5% of day; 10 NTU at any time. Coliform limits: 2.2 MPN/100mL 7-day median; 23 MPN/100mL in no more than 1 sample per month; 240 MPN/100mL at any time.

<sup>3</sup> TDS and TIN limits are based on the 12-month running average of the combined effluent from all plants, which are presented in Table 2-2.

<sup>4</sup> Monthly average for coliform is based on "non-detect" values equal to 2. Determination of "less than" is dependent on the number of "non-detect" occurrences more than half the days in the month.

<sup>5</sup> TOC shall not exceed 16 mg/L for more than two consecutive samples and an average of the last 4 sample results. TOC compliance can be met at a point prior to reaching the regional groundwater table, including lysimeters.

<sup>6</sup> DDW limit is 10 mg/L and compliance is evaluated in recycled water samples. RWQCB limit is 5 mg/L and compliance can be evaluated using applied correction factor of alternative monitoring plans

<sup>7</sup> These values based on continuous monitoring data generated by the Supervisory Control and Data Acquisition (SCADA) system.



Table 2-1c  
Recycled Water Monitoring: RP-1 & RP-4 Effluent Water Quality for September 2025  
(Recycled Water Quality Specifications A.5, A.7, A.8, & A.9)

| Unit     | RP-1 Effluent (001B Effluent) |                 |                    |                     |                  |                 |                 |                  |          |                           | RP-4 Effluent              |                 |                    |                     |                  |                 |                 |                  |          |                           |
|----------|-------------------------------|-----------------|--------------------|---------------------|------------------|-----------------|-----------------|------------------|----------|---------------------------|----------------------------|-----------------|--------------------|---------------------|------------------|-----------------|-----------------|------------------|----------|---------------------------|
|          | Turbidity <sup>1,2,7</sup>    | TOC             | NO <sub>3</sub> -N | TN                  | TIN <sup>3</sup> | pH <sup>7</sup> | EC <sup>7</sup> | TDS <sup>3</sup> | Hardness | Coliform <sup>1,2,4</sup> | Turbidity <sup>1,2,7</sup> | TOC             | NO <sub>3</sub> -N | TN                  | TIN <sup>3</sup> | pH <sup>7</sup> | EC <sup>7</sup> | TDS <sup>3</sup> | Hardness | Coliform <sup>1,2,4</sup> |
| Limits   | NTU                           | mg/L            | mg/L               | mg/L                | mg/L             | unit            | µhmo/cm         | mg/L             | mg/L     | mpn/100mL                 | NTU                        | mg/L            | mg/L               | mg/L                | mg/L             | unit            | µhmo/cm         | mg/L             | mg/L     | mpn/100mL                 |
|          | 2.5;10                        | 16 <sup>5</sup> |                    | 10 / 5 <sup>6</sup> |                  | 6<pH<9          |                 |                  |          | 2.2;23;240                | 2.5;10                     | 16 <sup>5</sup> |                    | 10 / 5 <sup>6</sup> |                  | 6<pH<9          |                 |                  |          | 2.2;23;240                |
| 09/01/25 | 0.6                           | 6.6             |                    |                     |                  | 7.1             | 769             |                  |          | <1                        | 0.5                        | 6.3             |                    |                     |                  | 7.1             | 766             |                  |          | <1                        |
| 09/02/25 | 0.6                           | 6.9             |                    |                     |                  | 7.1             | 766             |                  |          | <1                        | 0.5                        | 6.6             |                    |                     |                  | 7.3             | 758             |                  |          | 1                         |
| 09/03/25 | 0.6                           | 6.7             | 3.9                | 4.9                 | 3.9              | 7.0             | 792             |                  |          | 1                         | 0.5                        | 6.1             | 4.2                |                     | 4.2              | 7.4             | 758             |                  |          | <1                        |
| 09/04/25 | 0.6                           | 6.2             |                    |                     |                  | 7.0             | 849             |                  |          | <1                        | 0.5                        | 6.2             |                    |                     |                  | 7.3             | 751             |                  |          | <1                        |
| 09/05/25 | 0.6                           | 5.9             |                    |                     |                  | 7.0             | 866             |                  |          | <1                        | 0.5                        | 5.8             |                    |                     |                  | 7.3             | 748             |                  |          | <1                        |
| 09/06/25 | 0.5                           | 6.3             |                    |                     |                  | 7.0             | 898             |                  |          | <1                        | 0.5                        | 5.9             |                    |                     |                  | 7.3             | 750             |                  |          | <1                        |
| 09/07/25 | 0.6                           | 5.9             | 4.4                | 5.3                 | 4.4              | 7.0             | 884             | 438              | 148      | <1                        | 0.5                        | 0.0             |                    |                     |                  | 7.4             | 748             |                  |          | <1                        |
| 09/08/25 | 0.6                           | 6.3             |                    |                     |                  | 7.0             | 863             |                  |          | <1                        | 0.5                        | 6.1             | 5.8                |                     | 5.8              | 7.3             | 731             | 423              |          | <1                        |
| 09/09/25 | 0.6                           | 6.4             |                    |                     |                  | 7.0             | 842             |                  |          | <1                        | 0.5                        | 6.4             |                    |                     |                  | 7.2             | 734             |                  |          | <1                        |
| 09/10/25 | 0.6                           | 6.1             | 4.2                | 4.9                 | 4.2              | 6.9             | 827             |                  |          | 1                         | 0.4                        | 5.6             | 5.2                | 6.0                 | 5.2              | 7.2             | 741             |                  | 128      | <1                        |
| 09/11/25 | 0.6                           | 6.1             |                    |                     |                  | 6.9             | 824             |                  |          | <1                        | 0.4                        | 5.9             |                    |                     |                  | 7.1             | 740             |                  |          | <1                        |
| 09/12/25 | 0.6                           | 6.1             |                    |                     |                  | 6.9             | 811             |                  |          | <1                        | 0.4                        | 5.7             |                    |                     |                  | 7.1             | 739             |                  |          | <1                        |
| 09/13/25 | 0.6                           | 5.9             |                    |                     |                  | 6.9             | 822             |                  |          | <1                        | 0.4                        | 5.6             |                    |                     |                  | 7.1             | 746             |                  |          | <1                        |
| 09/14/25 | 0.6                           | 6.3             | 4.5                | 5.4                 | 4.5              | 6.9             | 808             | 446              |          | <1                        | 0.4                        | 6.0             | 4.7                | 5.1                 | 4.7              | 7.1             | 734             | 428              |          | <1                        |
| 09/15/25 | 0.6                           | 6.5             |                    |                     |                  | 6.9             | 786             |                  |          | <1                        | 0.4                        | 6.2             |                    |                     |                  | 7.1             | 729             |                  |          | <1                        |
| 09/16/25 | 0.6                           | 6.3             |                    |                     |                  | 6.9             | 794             |                  |          | <1                        | 0.4                        | 6.1             |                    |                     |                  | 7.1             | 734             |                  |          | <1                        |
| 09/17/25 | 0.6                           | 6.2             | 4.4                | 4.8                 | 4.4              | 7.0             | 777             |                  |          | <1                        | 0.4                        | 5.8             | 4.7                |                     | 4.7              | 7.1             | 738             |                  |          | <1                        |
| 09/18/25 | 0.6                           | 6.5             |                    |                     |                  | 7.0             | 781             |                  |          | <1                        | 0.4                        | 5.5             |                    |                     |                  | 7.1             | 737             |                  |          | <1                        |
| 09/19/25 | 0.5                           | 6.4             |                    |                     |                  | 6.9             | 789             |                  |          | <1                        | 0.4                        | 5.6             |                    |                     |                  | 7.1             | 734             |                  |          | <1                        |
| 09/20/25 | 0.5                           | 6.2             |                    |                     |                  | 6.9             | 801             |                  |          | 1                         | 0.4                        | 5.6             |                    |                     |                  | 7.0             | 732             |                  |          | <1                        |
| 09/21/25 | 0.5                           | 6.4             | 4.8                | 5.5                 | 4.8              | 6.9             | 802             | 448              |          | <1                        | 0.4                        | 5.9             | 4.2                | 4.5                 | 4.2              | 7.0             | 730             | 400              |          | <1                        |
| 09/22/25 | 0.5                           | 6.2             |                    |                     |                  | 6.9             | 801             |                  |          | <1                        | 0.4                        | 6.0             |                    |                     |                  | 7.1             | 731             |                  |          | <1                        |
| 09/23/25 | 0.5                           | 6.5             |                    |                     |                  | 6.9             | 782             |                  |          | 2                         | 0.4                        | 6.1             |                    |                     |                  | 7.1             | 739             |                  |          | <1                        |
| 09/24/25 | 0.5                           | 6.3             | 4.2                | 5.1                 | 4.2              | 6.9             | 747             |                  |          | <1                        | 0.4                        | 5.8             | 4.9                |                     | 4.9              | 7.1             | 740             |                  |          | <1                        |
| 09/25/25 | 0.5                           | 6.2             |                    |                     |                  | 7.0             | 759             |                  |          | <1                        | 0.4                        | 5.8             |                    |                     |                  | 7.1             | 738             |                  |          | <1                        |
| 09/26/25 | 0.6                           | 6.4             |                    |                     |                  | 7.0             | 749             |                  |          | <1                        | 0.4                        | 5.7             |                    |                     |                  | 7.1             | 739             |                  |          | <1                        |
| 09/27/25 | 0.5                           | 6.2             |                    |                     |                  | 6.9             | 753             |                  |          | <1                        | 0.4                        | 5.8             |                    |                     |                  | 7.1             | 742             |                  |          | <1                        |
| 09/28/25 | 0.5                           | 6.4             | 4.6                | 5.4                 | 4.6              | 6.9             | 737             | 448              |          | <1                        | 0.4                        | 5.7             | 5.1                | 5.7                 | 5.1              | 7.1             | 748             | 420              |          | <1                        |
| 09/29/25 | 0.5                           | 6.5             |                    |                     |                  | 6.9             | 722             |                  |          | <1                        | 0.4                        | 6.2             |                    |                     |                  | 7.1             | 750             |                  |          | <1                        |
| 09/30/25 | 0.6                           | 6.2             |                    |                     |                  | 6.9             | 750             |                  |          | <1                        | 0.4                        | 6.1             |                    |                     |                  | 7.1             | 753             |                  |          | <1                        |
| Avg      | 0.6                           | 6.3             | 4.4                | 5.2                 | 4.4              | 6.9             | 798             | 445              | 148      | <1                        | 0.4                        | 5.7             | 4.8                | 5.3                 | 4.8              | 7.1             | 742             | 418              | 128      | <1                        |
| Min      | 0.5                           | 5.9             | 3.9                | 4.8                 | 3.9              | 6.9             | 722             | 438              | 148      | <1                        | 0.4                        | 0.0             | 4.2                | 4.5                 | 4.2              | 7.0             | 729             | 400              | 128      | <1                        |
| Max      | 0.6                           | 6.9             | 4.8                | 5.5                 | 4.8              | 7.1             | 898             | 448              | 148      | 2                         | 0.5                        | 6.6             | 5.8                | 6.0                 | 5.8              | 7.4             | 766             | 428              | 128      | 1                         |

Note: **Bolded characters signify an exceedance of a permit limitation**

Blank cells indicate that analysis was not run for a constituent on that particular date. The data presented meets/exceeds the frequency of analysis specified under the discharge permit for these facilities.

<sup>1</sup> Turbidity and coliform must meet water quality standards for disinfected tertiary treated recycled water, as specified in NPDES No. CA8000409, Order No. R8-2009-0021.

<sup>2</sup> Turbidity limits: 2 NTU average daily; 5 NTU no more than 5% of day; 10 NTU at any time. Coliform limits: 2.2 MPN/100mL 7-day median; 23 MPN/100mL in no more than 1 sample per month; 240 MPN/100mL at any time.

<sup>3</sup> TDS and TIN limits are based on the 12-month running average of the combined effluent from all plants, which are presented in Table 2-2.

<sup>4</sup> Monthly average for coliform is based on "non-detect" values equal to 2. Determination of "less than" is dependent on the number of "non-detect" occurrences more than half the days in the month.

<sup>5</sup> TOC shall not exceed 16 mg/L for more than two consecutive samples and an average of the last 4 sample results. TOC compliance can be met at a point prior to reaching the regional groundwater table, including lysimeters.

<sup>6</sup> DDW limit is 10 mg/L and compliance is evaluated in recycled water samples. RWQCB limit is 5 mg/L and compliance can be evaluated using applied correction factor of alternative monitoring plans

<sup>7</sup> These values based on continuous monitoring data generated by the Supervisory Control and Data Acquisition (SCADA) system.

Table 2-2  
Recycled Water Monitoring: Agency-Wide Flow-Weighted TIN & TDS (mg/L)  
(Recycled Water Quality Specifications A.6)

|        | TIN     |                 | TDS     |                 |
|--------|---------|-----------------|---------|-----------------|
| Date   | Monthly | 12-Mo. Run Avg. | Monthly | 12-Mo. Run Avg. |
| Oct-24 | 6.2     | 5.5             | 445     | 469             |
| Nov-24 | 6.2     | 5.3             | 477     | 471             |
| Dec-24 | 6.0     | 5.3             | 476     | 470             |
| Jan-25 | 6.2     | 5.5             | 445     | 469             |
| Feb-25 | 6.4     | 5.7             | 464     | 468             |
| Mar-25 | 5.9     | 5.8             | 476     | 467             |
| Apr-25 | 5.7     | 5.9             | 482     | 467             |
| May-25 | 5.7     | 6.0             | 479     | 467             |
| Jun-25 | 6.3     | 6.0             | 475     | 467             |
| Jul-25 | 6.0     | 6.0             | 481     | 468             |
| Aug-25 | 6.0     | 6.0             | 477     | 470             |
| Sep-25 | 5.7     | 6.0             | 475     | 473             |
| Avg    | 6.0     | 5.7             | 471     | 469             |
| Min    | 5.7     | 5.3             | 445     | 467             |
| Max    | 6.4     | 6.0             | 482     | 473             |
| Limit  |         | 8.0             |         | 550             |

Date source: IEUA NPDES monthly self-monitoring report (MRP No. R8-2009-0021).

Per the Regional Board, TDS is calculated using the flow-weighted averages based on discharged effluent flows and recycled water flows; TIN is calculated using the flow-weighted averages based on discharged effluent flows only.

The data reported above will supersede any information submitted for previous quarters. Agency-wide TIN & TDS were in compliance with permit limits at all times.

Table 2-3a  
Recycled Water Monitoring - RW Blend (RP1/RP-4): Primary & Secondary Maximum Contaminant Levels  
(Recycled Water Quality Specifications A.1, A.2, A.3, A.4 & A.15)

| Constituent                                     | 4Q24   | 1Q25   | 2Q25   | 3Q25   | 4Q Run. Avg. <sup>1</sup> | Limit             | Unit | Method          |
|-------------------------------------------------|--------|--------|--------|--------|---------------------------|-------------------|------|-----------------|
| Inorganic Chemicals                             |        |        |        |        |                           |                   |      |                 |
| Aluminum                                        | 43     | 112    | 163    | 126    | 111                       | 1000              | µg/L | EPA 200.8       |
| Antimony                                        | <1     | <1     | <1     | <1     | <1                        | 6                 | µg/L | EPA 200.8       |
| Arsenic                                         | <2     | <2     | <2     | <2     | <2                        | 10                | µg/L | EPA 200.8       |
| Asbestos                                        | NR     | NR     | NR     | NR     | <0.19                     | 7                 | MFL  | EPA 100.2       |
| Barium                                          | 20     | 16     | 13     | 16     | 16                        | 1000              | µg/L | EPA 200.8       |
| Beryllium                                       | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 4                 | µg/L | EPA 200.8       |
| Cadmium                                         | <0.25  | <0.25  | <0.25  | <0.25  | <0.25                     | 5                 | µg/L | EPA 200.8       |
| Chromium                                        | <2     | <2     | <2     | <2     | <2                        | 50                | µg/L | EPA 200.8       |
| Chromium VI <sup>2</sup>                        | 0.4    | 0.6    | 0.3    | 0.4    | 0.4                       | 10                | µg/L | EPA 218.6       |
| Cyanide                                         | <20    | <20    | <20    | <20    | <20                       | 150               | µg/L | OIA-1677, DW    |
| Fluoride                                        | 0.9    | 0.2    | 0.2    | 0.2    | 0.4                       | 2                 | mg/L | EPA 300.0       |
| Mercury                                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 2                 | µg/L | EPA 245.1       |
| Nickel                                          | 3      | 3      | 3      | 3      | 3                         | 100               | µg/L | EPA 200.8       |
| Perchlorate                                     | <1     | <1     | <1     | <1     | <1                        | 6                 | µg/L | EPA 314/331.0   |
| Selenium                                        | <2     | <2     | <2     | <2     | <2                        | 50                | µg/L | EPA 200.8       |
| Thallium                                        | <1     | <1     | <1     | <1     | <1                        | 2                 | µg/L | EPA 200.8       |
| Volatile Organic Chemicals (VOCs)               |        |        |        |        |                           |                   |      |                 |
| Benzene                                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1                 | µg/L | EPA 524.2       |
| Carbon Tetrachloride                            | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 0.5               | µg/L | EPA 524.2       |
| 1,2-Dichlorobenzene                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 600               | µg/L | EPA 524.2       |
| 1,4-Dichlorobenzene                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,1-Dichloroethane                              | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,2-Dichloroethane                              | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 0.5               | µg/L | EPA 524.2       |
| 1,1-Dichloroethylene                            | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 6                 | µg/L | EPA 524.2       |
| cis-1,2-Dichloroethylene                        | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 6                 | µg/L | EPA 524.2       |
| trans-1,2-Dichloroethylene                      | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 10                | µg/L | EPA 524.2       |
| Dichloromethane                                 | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,2-Dichloropropane                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,3-Dichloropropene                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 0.5               | µg/L | EPA 524.2       |
| Ethylbenzene                                    | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 300               | µg/L | EPA 524.2       |
| Monochlorobenzene                               | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 70                | µg/L | EPA 524.2       |
| Methyl-tert-butyl ether                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 13                | µg/L | EPA 524.2       |
| Styrene                                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 100               | µg/L | EPA 524.2       |
| 1,1,2,2-Tetrachloroethane                       | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1                 | µg/L | EPA 524.2       |
| Tetrachloroethylene                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| Toluene                                         | <0.5   | <0.5   | 0.6    | 0.6    | 0.6                       | 150               | µg/L | EPA 524.2       |
| 1,2,4-Trichlorobenzene                          | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,1,1-Trichloroethane                           | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 200               | µg/L | EPA 524.2       |
| 1,1,2-Trichloroethane                           | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| Trichloroethylene                               | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| Trichlorofluoromethane                          | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 150               | µg/L | EPA 524.2       |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane           | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1200              | µg/L | EPA 524.2       |
| Vinyl Chloride                                  | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 0.5               | µg/L | EPA 524.2       |
| m,p-Xylene                                      | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1750 <sup>3</sup> | µg/L | EPA 524.2       |
| o-Xylene                                        | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      |                   | µg/L | EPA 524.2       |
| 1,2,3-Trichloropropane (added 7/2017)           | <0.001 | <0.001 | <0.001 | <0.001 | <0.001                    | 0.005             | µg/L | CASRL 524M-TCP  |
| Non-Volatile Synthetic Organic Chemicals (SOCs) |        |        |        |        |                           |                   |      |                 |
| Alachlor (Alanex)                               | <4     | <0.1   | <0.1   | <0.1   | <1.1                      | 2                 | µg/L | EPA 505/508.1   |
| Atrazine                                        | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1                 | µg/L | EPA 525.2       |
| Bentazon                                        | <2     | <2     | <2     | <2     | <2                        | 18                | µg/L | EPA 515.4       |
| Benzo(a)pyrene                                  | <0.1   | <0.1   | <0.1   | <0.1   | <0.1                      | 0.2               | µg/L | EPA 525.2       |
| Carbofuran                                      | <2     | <2     | <2     | <2     | <2                        | 18                | µg/L | EPA 531.2       |
| Chlordane                                       | <2     | <2     | <2     | <2     | <2                        | 0.1               | µg/L | EPA 505/508.1   |
| 2,4-D                                           | <0.4   | <0.4   | <0.4   | <0.4   | <0.4                      | 70                | µg/L | EPA 515.4       |
| Dalapon                                         | 5      | 4      | 4      | 4      | 4                         | 200               | µg/L | EPA 515.4       |
| Dibromochloropropane                            | <0.01  | <0.01  | <0.01  | <0.01  | <0.01                     | 0.2               | µg/L | EPA 504.1/524.3 |
| Di(2-ethylhexyl)adipate                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 400               | µg/L | EPA 525.2       |
| Di(2-ethylhexyl)phthalate                       | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 4                 | µg/L | EPA 525.2       |
| Dinoseb                                         | <0.4   | <0.4   | <0.4   | <0.4   | <0.4                      | 7                 | µg/L | EPA 515.4       |
| Diquat                                          | <4     | <4     | <4     | <3.5   | <4                        | 20                | µg/L | EPA 549.2       |
| Endothall                                       | <45    | <45    | <45    | <20    | <39                       | 100               | µg/L | EPA 548.1       |
| Endrin                                          | <0.2   | <0.2   | <0.2   | <0.2   | <0.2                      | 2                 | µg/L | EPA 505/508.1   |
| Ethylene Dibromide                              | <0.02  | <0.02  | <0.02  | <0.02  | <0.02                     | 0.05              | µg/L | EPA 504.1/524.3 |
| Glyphosate                                      | <25    | <120   | <25    | <25    | <49                       | 700               | µg/L | EPA 547         |
| Heptachlor                                      | <0.2   | <0.2   | <0.2   | <0.2   | <0.2                      | 0.01              | µg/L | EPA 505/508.1   |
| Heptachlor Epoxide                              | <0.2   | <0.2   | <0.2   | <0.2   | <0.2                      | 0.01              | µg/L | EPA 505/508.1   |

Table 2-3a  
Recycled Water Monitoring - RW Blend (RP1/RP-4): Primary & Secondary Maximum Contaminant Levels  
(Recycled Water Quality Specifications A.1, A.2, A.3, A.4 & A.15)

| Constituent                                                                                                                    | 4Q24       | 1Q25       | 2Q25            | 3Q25       | 4Q Run. Avg. <sup>1</sup> | Limit                       | Unit     | Method             |
|--------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----------------|------------|---------------------------|-----------------------------|----------|--------------------|
| Hexachlorobenzene                                                                                                              | <0.5       | <0.5       | <0.5            | <0.5       | <0.5                      | 1                           | µg/L     | EPA 525.2/508.1    |
| Hexachlorocyclopentadiene                                                                                                      | <0.5       | <0.5       | <0.5            | <0.5       | <0.5                      | 50                          | µg/L     | EPA 525.2          |
| Lindane                                                                                                                        | <0.2       | <0.2       | <0.2            | <0.2       | <0.2                      | 0.2                         | µg/L     | EPA 505/508.1      |
| Methoxychlor                                                                                                                   | <0.2       | <0.2       | <0.2            | <0.2       | <0.2                      | 30                          | µg/L     | EPA 505/508.1      |
| Molinate                                                                                                                       | <0.5       | <0.5       | <0.5            | <0.5       | <0.5                      | 20                          | µg/L     | EPA 525.2/508.1    |
| Oxamyl                                                                                                                         | <2         | <2         | <2              | <2         | <2                        | 50                          | µg/L     | EPA 531.2          |
| Pentachlorophenol                                                                                                              | <0.2       | <0.2       | <0.2            | <0.2       | <0.2                      | 1                           | µg/L     | EPA 515.4          |
| Picloram                                                                                                                       | <0.6       | <0.6       | <0.6            | <0.6       | <0.6                      | 500                         | µg/L     | EPA 515.4          |
| PCB 1016                                                                                                                       | <2         | <10        | <4              | <4         | <5                        | 0.5                         | µg/L     | EPA 505/508.1      |
| PCB 1221                                                                                                                       | <2         | <10        | <4              | <4         | <5                        | 0.5                         | µg/L     | EPA 505/508.1      |
| PCB 1232                                                                                                                       | <2         | <10        | <4              | <4         | <5                        | 0.5                         | µg/L     | EPA 505/508.1      |
| PCB 1242                                                                                                                       | <2         | <10        | <4              | <4         | <5                        | 0.5                         | µg/L     | EPA 505/508.1      |
| PCB 1248                                                                                                                       | <2         | <10        | <4              | <4         | <5                        | 0.5                         | µg/L     | EPA 505/508.1      |
| PCB 1254                                                                                                                       | <2         | <10        | <4              | <4         | <5                        | 0.5                         | µg/L     | EPA 505/508.1      |
| PCB 1260                                                                                                                       | <2         | <10        | <4              | <4         | <5                        | 0.5                         | µg/L     | EPA 505/508.1      |
| Simazine                                                                                                                       | <0.5       | <0.5       | <0.5            | <0.5       | <0.5                      | 4                           | µg/L     | EPA 525.2          |
| Thiobencarb                                                                                                                    | <0.5       | <0.5       | <0.5            | <0.5       | <0.5                      | 70                          | µg/L     | EPA 525.2          |
| Toxaphene                                                                                                                      | <20        | <20        | <20             | <20        | <20                       | 3                           | µg/L     | EPA 505/508.1      |
| 2,3,7,8-TCDD (Dioxin)                                                                                                          | <5         | <5         | <5              | <5         | <5                        | 30                          | pg/L     | EPA 1613           |
| 2,4,5-TP (Silvex)                                                                                                              | <0.2       | <0.2       | <0.2            | <0.2       | <0.2                      | 50                          | µg/L     | EPA 515.4          |
| Per- and Poly-fluoroalkyl Substances ( <i>new Federal MCL effective June 25, 2024 are blue &amp; italicized</i> ) <sup>*</sup> |            |            |                 |            |                           |                             |          |                    |
| Perfluorooctanoic acid (PFOA)**                                                                                                | 5.3        | 4.5        | 5.5             | 6.4        | 5.4                       | 4.0 <sup>*</sup> / 5.1 (NL) | ng/L     | EPA 537.1          |
| Perfluorooctanesulfonic acid (PFOS)                                                                                            | <2         | <2         | <2              | <2         | <2                        | 4.0 <sup>*</sup> / 6.5 (NL) | ng/L     | EPA 537.1          |
| Perfluorohexanesulfonic acid (PFHxS)                                                                                           | <2         | <2         | <2              | <2         | <2                        | 10 <sup>*</sup>             | ng/L     | EPA 537.1          |
| Perfluorononanoic Acid (PFNA)                                                                                                  | <2         | <2         | <2              | <2         | <2                        | 10 <sup>*</sup>             | ng/L     | EPA 537.1          |
| Hexafluoropropylene oxide dimer acid                                                                                           | <2         | <2         | <2              | <2         | <2                        | 10 <sup>*</sup>             | ng/L     | EPA 537.1          |
| PFHxS, PFNA, HFPO-DA, PFBS                                                                                                     | <1         | <1         | <1              | <1         | <1                        | 1 <sup>*</sup>              | unitless | EPA 537.1          |
| Action Level Chemicals                                                                                                         |            |            |                 |            |                           |                             |          |                    |
| Copper                                                                                                                         | 4.0        | 3.0        | 3.5             | 3.6        | 3.0                       | 1300                        | µg/L     | EPA 200.8          |
| Lead                                                                                                                           | <0.5       | <0.5       | <0.5            | <0.5       | <0.5                      | 15                          | µg/L     | EPA 200.8          |
| Radionuclides                                                                                                                  |            |            |                 |            |                           |                             |          |                    |
| Combined Radium-226 and Radium 228                                                                                             | <3         | <3         | <3              | <3         | <3                        | 5                           | pCi/L    | EPA 903.0          |
| Gross Alpha Particle Activity                                                                                                  | <3         | <3         | <3              | <3         | <3                        | 15                          | pCi/L    | EPA 900.0/SM7110C  |
| Tritium                                                                                                                        | <300       | <300       | <300            | <300       | <300                      | 20,000                      | pCi/L    | EPA 906            |
| Strontium-90                                                                                                                   | <2         | <2         | <2              | <2         | <2                        | 8                           | pCi/L    | EPA 905            |
| Gross Beta Particle Activity                                                                                                   | 12         | 20         | 19              | 22         | 18                        | 50                          | pCi/L    | EPA 900.0          |
| Uranium                                                                                                                        | <1         | <1         | <1              | <1         | <1                        | 20                          | pCi/L    | EPA 200.8          |
| Secondary Maximum Contaminant Level Chemicals                                                                                  |            |            |                 |            |                           |                             |          |                    |
| Aluminum                                                                                                                       | 43         | 112        | 163             | 126        | 111                       | 200                         | µg/L     | EPA 200.8          |
| Copper                                                                                                                         | 4.0        | 3.0        | 3.5             | 3.6        | 4                         | 1000                        | µg/L     | EPA 200.8          |
| Corrosivity                                                                                                                    | -0.8       | -0.6       | -0.1 (Non-Cor.) | -1.0       | -0.6                      | Non-Cor.                    | SI       | SM 2330B           |
| Foaming Agents (MBAS) <sup>4</sup>                                                                                             | NR         | NR         | NR              | <0.1       | <0.1                      | 0.5                         | mg/L     | S5540C/EPA 425.1   |
| Iron <sup>4</sup>                                                                                                              | 26         | 24         | 54              | 50         | 39                        | 300                         | µg/L     | EPA 200.7          |
| Manganese                                                                                                                      | 9          | 6          | 13              | 6          | 8                         | 50                          | µg/L     | EPA 200.8          |
| Methyl-tert-butyl ether (MTBE)                                                                                                 | <0.5       | <0.5       | <0.5            | <0.5       | <0.5                      | 5                           | µg/L     | EPA 524.2          |
| Odor--Threshold <sup>4</sup>                                                                                                   | NR         | NR         | NR              | 35         | 15                        | 3                           | TON      | SM 2150B           |
| Silver                                                                                                                         | <0.25      | <0.25      | <0.25           | <0.25      | <0.25                     | 100                         | µg/L     | EPA 200.8          |
| Thiobencarb                                                                                                                    | <0.5       | <0.5       | <0.5            | <0.5       | <0.5                      | 1                           | µg/L     | EPA 525.2          |
| Zinc                                                                                                                           | 35         | 32         | 28              | 25         | 24                        | 5000                        | µg/L     | EPA 200.8          |
| Miscellaneous Regulated Constituents                                                                                           |            |            |                 |            |                           |                             |          |                    |
| Oil & Grease <sup>2</sup>                                                                                                      | 1          | <1         | 1               | <2         | --                        | 1                           | mg/L     | EPA 1664           |
| Disinfection Byproducts                                                                                                        |            |            |                 |            |                           |                             |          |                    |
| Bromate                                                                                                                        | <0.005     | <0.005     | <0.005          | <0.005     | <0.005                    | 0.010                       | mg/L     | EPA 300.1/317      |
| Chlorite                                                                                                                       | <0.01      | <0.01      | <0.02           | <0.01      | <0.01                     | 1                           | mg/L     | EPA 300.0          |
| Alternative Compliance Point Data                                                                                              | DCZ-LYS-25 | DCZ-LYS-25 | DCZ-LYS-25      | DCZ-LYS-25 | <==TTHMs                  |                             |          |                    |
|                                                                                                                                | DCZ-LYS-25 | DCZ-LYS-25 | DCZ-LYS-25      | DCZ-LYS-25 | <==HAA5                   |                             |          |                    |
|                                                                                                                                | 4Q24       | 1Q25       | 2Q25            | 3Q25       |                           |                             |          |                    |
| Total Trihalomethanes (TTHMs)                                                                                                  | <2         | <2         | <2              | <2         | <2                        | 80                          | µg/L     | EPA 524.2          |
| Total Haloacetic Acids (HAA5)                                                                                                  | <1         | <1         | <1              | <0.5       | <1                        | 60                          | µg/L     | SM 6251B/EPA 552.3 |

NR: Not required this quarter

<sup>1</sup> Non-detect (ND) is considered to be half the detection limit (DL) for the 4-quarter running average calculation. The reported 4-quarter running average value, if less than DL, will be based on highest DL found in the data set.

<sup>2</sup> As of September 11, 2017 the MCL for hexavalent chromium that was established in 2014 is no longer in effect; the State Board plans on establishing a new MCL in the near future.

<sup>3</sup> The sum of m,p-Xylene and o-Xylene is used to calculate compliance for the Total Xylenes limit

<sup>4</sup> 4-quarter running average is calculated based on the four most recent results. Monitoring is required annually. However, if monitoring takes place more frequently than required, those results will be reported.

<sup>5</sup> Oil & Grease compliance determination is not based on 4-quarter running average

**Bold & yellow highlight signifies an exceedance of a limit in the Order. Explained in further detail in the report text.**

Table 2-3b  
Recycled Water Monitoring - RP-1 (001B Effluent): Primary & Secondary Maximum Contaminant Levels  
(Recycled Water Quality Specifications A.1, A.2, A.3, A.4 & A.15)

| Constituent                                     | 4Q24   | 1Q25   | 2Q25   | 3Q25   | 4Q Run. Avg. <sup>1</sup> | Limit             | Unit | Method          |
|-------------------------------------------------|--------|--------|--------|--------|---------------------------|-------------------|------|-----------------|
| Inorganic Chemicals                             |        |        |        |        |                           |                   |      |                 |
| Aluminum                                        | 125    | <25    | 114    | 145    | 102                       | 1000              | µg/L | EPA 200.8       |
| Antimony                                        | <1     | <1     | <1     | <1     | <1                        | 6                 | µg/L | EPA 200.8       |
| Arsenic                                         | <2     | <2     | <2     | <2     | <2                        | 10                | µg/L | EPA 200.8       |
| Asbestos                                        | NR     | NR     | NR     | NR     | <0.19                     | 7                 | MFL  | EPA 100.2       |
| Barium                                          | 15     | 26     | 13     | 14     | 17                        | 1000              | µg/L | EPA 200.8       |
| Beryllium                                       | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 4                 | µg/L | EPA 200.8       |
| Cadmium                                         | <0.25  | <0.25  | <0.25  | <0.25  | <0.25                     | 5                 | µg/L | EPA 200.8       |
| Chromium                                        | <2     | <2     | <2     | <2     | <2                        | 50                | µg/L | EPA 200.8       |
| Chromium VI <sup>2</sup>                        | 0.4    | 0.5    | 0.3    | 0.3    | 0.4                       | 10                | µg/L | EPA 218.6       |
| Cyanide                                         | <20    | <20    | <20    | <20    | <20                       | 150               | µg/L | OIA-1677, DW    |
| Fluoride                                        | 0.2    | 0.2    | 0.2    | 0.2    | 0.2                       | 2                 | mg/L | EPA 300.0       |
| Mercury                                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 2                 | µg/L | EPA 245.1       |
| Nickel                                          | 3      | 3      | 3      | 3      | 3                         | 100               | µg/L | EPA 200.8       |
| Perchlorate                                     | <1     | <1     | <1     | <1     | <1                        | 6                 | µg/L | EPA 314/331.0   |
| Selenium                                        | <2     | <2     | <2     | <2     | <2                        | 50                | µg/L | EPA 200.8       |
| Thallium                                        | <1     | <1     | <1     | <1     | <1                        | 2                 | µg/L | EPA 200.8       |
| Volatile Organic Chemicals (VOCs)               |        |        |        |        |                           |                   |      |                 |
| Benzene                                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1                 | µg/L | EPA 524.2       |
| Carbon Tetrachloride                            | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 0.5               | µg/L | EPA 524.2       |
| 1,2-Dichlorobenzene                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 600               | µg/L | EPA 524.2       |
| 1,4-Dichlorobenzene                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,1-Dichloroethane                              | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,2-Dichloroethane                              | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 0.5               | µg/L | EPA 524.2       |
| 1,1-Dichloroethylene                            | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 6                 | µg/L | EPA 524.2       |
| cis-1,2-Dichloroethylene                        | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 6                 | µg/L | EPA 524.2       |
| trans-1,2-Dichloroethylene                      | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 10                | µg/L | EPA 524.2       |
| Dichloromethane                                 | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,2-Dichloropropane                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,3-Dichloropropane                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 0.5               | µg/L | EPA 524.2       |
| Ethylbenzene                                    | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 300               | µg/L | EPA 524.2       |
| Monochlorobenzene                               | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 70                | µg/L | EPA 524.2       |
| Methyl-tert-butyl ether                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 13                | µg/L | EPA 524.2       |
| Styrene                                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 100               | µg/L | EPA 524.2       |
| 1,1,2,2-Tetrachloroethane                       | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1                 | µg/L | EPA 524.2       |
| Tetrachloroethylene                             | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| Toluene                                         | 2.1    | 2.1    | 0.9    | 0.9    | 1.5                       | 150               | µg/L | EPA 524.2       |
| 1,2,4-Trichlorobenzene                          | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| 1,1,1-Trichloroethane                           | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 200               | µg/L | EPA 524.2       |
| 1,1,2-Trichloroethane                           | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| Trichloroethylene                               | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 5                 | µg/L | EPA 524.2       |
| Trichlorofluoromethane                          | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 150               | µg/L | EPA 524.2       |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane           | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1200              | µg/L | EPA 524.2       |
| Vinyl Chloride                                  | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 0.5               | µg/L | EPA 524.2       |
| m,p-Xylene                                      | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1750 <sup>3</sup> | µg/L | EPA 524.2       |
| o-Xylene                                        | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1750 <sup>3</sup> | µg/L | EPA 524.2       |
| 1,2,3-Trichloropropane (added 7/2017)           | <0.001 | <0.001 | <0.001 | <0.001 | <0.001                    | 0.005             | µg/L | CASRL 524M-TCP  |
| Non-Volatile Synthetic Organic Chemicals (SOCs) |        |        |        |        |                           |                   |      |                 |
| Alachlor (Alanex)                               | <0.1   | <0.1   | <0.1   | <0.1   | <0.1                      | 2                 | µg/L | EPA 505/508.1   |
| Atrazine                                        | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 1                 | µg/L | EPA 525.2       |
| Bentazon                                        | <2     | <2     | <2     | <2     | <2                        | 18                | µg/L | EPA 515.4       |
| Benzo(a)pyrene                                  | <0.1   | <0.1   | <0.1   | <0.1   | <0.1                      | 0.2               | µg/L | EPA 525.2       |
| Carbofuran                                      | <2     | <2     | <2     | <2     | <2                        | 18                | µg/L | EPA 531.2       |
| Chlordane                                       | <2     | <2     | <2     | <2     | <2                        | 0.1               | µg/L | EPA 505/508.1   |
| 2,4-D                                           | <0.4   | <0.4   | <0.4   | <0.4   | <0.4                      | 70                | µg/L | EPA 515.4       |
| Dalapon                                         | 4      | 3      | 3      | 3      | 3                         | 200               | µg/L | EPA 515.4       |
| Dibromochloropropane                            | <0.01  | <0.01  | <0.01  | <0.01  | <0.01                     | 0.2               | µg/L | EPA 504.1       |
| Di(2-ethylhexyl)adipate                         | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 400               | µg/L | EPA 525.2       |
| Di(2-ethylhexyl)phthalate                       | <0.5   | <0.5   | <0.5   | <0.5   | <0.5                      | 4                 | µg/L | EPA 525.2       |
| Dinoseb                                         | <0.4   | <0.4   | <0.4   | <0.4   | <0.4                      | 7                 | µg/L | EPA 515.4       |
| Diquat                                          | <4     | <4     | <4     | <3.6   | <4                        | 20                | µg/L | EPA 549.2       |
| Endothall                                       | <45    | <45    | <45    | <20    | <39                       | 100               | µg/L | EPA 548.1       |
| Endrin                                          | <0.2   | <0.2   | <0.1   | <0.2   | <0.2                      | 2                 | µg/L | EPA 505/508.1   |
| Ethylene Dibromide                              | <0.02  | <0.02  | <0.02  | <0.02  | <0.02                     | 0.05              | µg/L | EPA 504.1/524.3 |
| Glyphosate                                      | <25    | <120   | <25    | <25    | <49                       | 700               | µg/L | EPA 547         |
| Heptachlor                                      | <0.2   | <0.2   | <0.1   | <0.2   | <0.2                      | 0.01              | µg/L | EPA 505/508.1   |
| Heptachlor Epoxide                              | <0.2   | <0.2   | <0.1   | <0.2   | <0.2                      | 0.01              | µg/L | EPA 505/508.1   |

Table 2-3b  
Recycled Water Monitoring - RP-1 (001B Effluent): Primary & Secondary Maximum Contaminant Levels  
(Recycled Water Quality Specifications A.1, A.2, A.3, A.4 & A.15)

| Constituent                                                                                                                    | 4Q24       | 1Q25            | 2Q25           | 3Q25            | 4Q Run. Avg. <sup>1</sup> | Limit                  | Unit     | Method            |
|--------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|-----------------|---------------------------|------------------------|----------|-------------------|
| Hexachlorobenzene                                                                                                              | <0.5       | <0.5            | <0.5           | <0.5            | <0.5                      | 1                      | µg/L     | EPA 525.2/508.1   |
| Hexachlorocyclopentadiene                                                                                                      | <0.5       | <0.5            | <0.5           | <0.5            | <0.5                      | 50                     | µg/L     | EPA 525.2         |
| Lindane                                                                                                                        | <0.2       | <0.2            | <0.1           | <0.2            | <0.2                      | 0.2                    | µg/L     | EPA 505/508.1     |
| Methoxychlor                                                                                                                   | <0.2       | <0.2            | <0.1           | <0.2            | <0.2                      | 30                     | µg/L     | EPA 505/508.1     |
| Molinate                                                                                                                       | <0.5       | <0.5            | <0.5           | <0.5            | <0.5                      | 20                     | µg/L     | EPA 525.2         |
| Oxamyl                                                                                                                         | <2         | <2              | <2             | <2              | <2                        | 50                     | µg/L     | EPA 531.2         |
| Pentachlorophenol                                                                                                              | <0.2       | <0.2            | <0.2           | <0.2            | <0.2                      | 1                      | µg/L     | EPA 515.4         |
| Picloram                                                                                                                       | <0.6       | <0.6            | <0.6           | <0.6            | <0.6                      | 500                    | µg/L     | EPA 515.4         |
| PCB 1016                                                                                                                       | <10        | <10             | <5             | <4              | <7                        | 0.5                    | µg/L     | EPA 505/508.1     |
| PCB 1221                                                                                                                       | <10        | <10             | <5             | <4              | <7                        | 0.5                    | µg/L     | EPA 505/508.1     |
| PCB 1232                                                                                                                       | <10        | <10             | <5             | <4              | <7                        | 0.5                    | µg/L     | EPA 505/508.1     |
| PCB 1242                                                                                                                       | <10        | <10             | <5             | <4              | <7                        | 0.5                    | µg/L     | EPA 505/508.1     |
| PCB 1248                                                                                                                       | <10        | <10             | <5             | <4              | <7                        | 0.5                    | µg/L     | EPA 505/508.1     |
| PCB 1254                                                                                                                       | <10        | <10             | <5             | <4              | <7                        | 0.5                    | µg/L     | EPA 505/508.1     |
| PCB 1260                                                                                                                       | <10        | <10             | <5             | <4              | <7                        | 0.5                    | µg/L     | EPA 505/508.1     |
| Simazine                                                                                                                       | <0.5       | <0.5            | <0.5           | <0.5            | <0.5                      | 4                      | µg/L     | EPA 525.2         |
| Thiobencarb                                                                                                                    | <0.5       | <0.5            | <0.5           | <0.5            | <0.5                      | 70                     | µg/L     | EPA 525.2         |
| Toxaphene                                                                                                                      | <20        | <20             | <25            | <20             | <21                       | 3                      | µg/L     | EPA 505/508.1     |
| 2,3,7,8-TCDD (Dioxin)                                                                                                          | <5         | <5              | <5             | <5              | <5                        | 30                     | pg/L     | EPA 1613          |
| 2,4,5-TP (Silvex)                                                                                                              | <0.2       | <0.2            | <0.2           | <0.2            | <0.2                      | 50                     | µg/L     | EPA 515.4         |
| Per- and Poly-fluoroalkyl Substances ( <i>new Federal MCL effective June 25, 2024 are blue &amp; italicized</i> ) <sup>*</sup> |            |                 |                |                 |                           |                        |          |                   |
| Perfluorooctanoic acid (PFOA)                                                                                                  | <b>4.1</b> | 3.5             | <b>6.1</b>     | <b>6.3</b>      | <b>5.0</b>                | <i>4.0*</i> / 5.1 (NL) | ng/L     | EPA 537.1         |
| Perfluorooctanesulfonic acid (PFOS)                                                                                            | 3.4        | <2              | <2             | <2              | <2.4                      | <i>4.0*</i> / 6.5 (NL) | ng/L     | EPA 537.1         |
| Perfluorohexanesulfonic acid (PFHxS)                                                                                           | <2         | <2              | <2             | <2              | <2                        | <i>10*</i>             | ng/L     | EPA 537.1         |
| Perfluorononanoic Acid (PFNA)                                                                                                  | <2         | <2              | <2             | <2              | <2                        | <i>10*</i>             | ng/L     | EPA 537.1         |
| Hexafluoropropylene oxide dimer acid                                                                                           | <2         | <2              | <2             | <2              | <2                        | <i>10*</i>             | ng/L     | EPA 537.1         |
| PFHxS, PFNA, HFPO-DA, PFBS                                                                                                     | <1         | <1              | <1             | <1              | <1                        | <i>1*</i>              | unitless | EPA 537.1         |
| Action Level Chemicals                                                                                                         |            |                 |                |                 |                           |                        |          |                   |
| Copper                                                                                                                         | 3.0        | 5.3             | 3.3            | <3              | 3.1                       | 1300                   | µg/L     | EPA 200.8         |
| Lead                                                                                                                           | <0.5       | <0.5            | <0.5           | <0.5            | <0.5                      | 15                     | µg/L     | EPA 200.8         |
| Radionuclides                                                                                                                  |            |                 |                |                 |                           |                        |          |                   |
| Combined Radium-226 and Radium 228                                                                                             | <3         | <3              | <3             | <3              | <3                        | 5                      | pCi/L    | EPA 903.0         |
| Gross Alpha Particle Activity                                                                                                  | <3         | <3              | <3             | <3              | <3                        | 15                     | pCi/L    | EPA 900.0/SM7110C |
| Tritium                                                                                                                        | <300       | <300            | <300           | <300            | <300                      | 20,000                 | pCi/L    | EPA 906           |
| Strontium-90                                                                                                                   | <2         | <2              | <2             | <2              | <2                        | 8                      | pCi/L    | EPA 905           |
| Gross Beta Particle Activity                                                                                                   | 14         | 15              | 19             | 21              | 17                        | 50                     | pCi/L    | EPA 900.0         |
| Uranium                                                                                                                        | <1         | <1              | <1             | <1              | <1                        | 20                     | pCi/L    | EPA 200.8         |
| Secondary Maximum Contaminant Level Chemicals                                                                                  |            |                 |                |                 |                           |                        |          |                   |
| Aluminum                                                                                                                       | 125        | <25             | 114            | 145             | 128                       | 200                    | µg/L     | EPA 200.8         |
| Copper                                                                                                                         | 3.0        | 5.3             | 3.3            | <3              | 3.6                       | 1000                   | µg/L     | EPA 200.8         |
| Corrosivity                                                                                                                    | -0.6       | -0.5 (Non-Cor.) | 0.0 (Non-Cor.) | -0.2 (Non-Cor.) | -0.3                      | Non-Cor.               | SI       | SM 2330B          |
| Foaming Agents (MBAS) <sup>4</sup>                                                                                             | NR         | NR              | NR             | <1              | <1                        | 0.5                    | mg/L     | S5540C/EPA 425.1  |
| Iron <sup>4</sup>                                                                                                              | 43         | 47              | 52             | 51              | 48                        | 300                    | µg/L     | EPA 200.7         |
| Manganese                                                                                                                      | 15         | 7               | 8              | 4               | 9                         | 50                     | µg/L     | EPA 200.8         |
| Methyl-tert-butyl ether (MTBE)                                                                                                 | <0.5       | <0.5            | <0.5           | <0.5            | <0.5                      | 5                      | µg/L     | EPA 524.2         |
| Odor--Threshold <sup>4</sup>                                                                                                   | NR         | NR              | NR             | <b>6</b>        | <b>7</b>                  | 3                      | TON      | SM 2150B          |
| Silver                                                                                                                         | <0.25      | <0.25           | <0.25          | <0.25           | <0.25                     | 100                    | µg/L     | EPA 200.8         |
| Thiobencarb                                                                                                                    | <0.5       | <0.5            | <0.5           | <0.5            | <0.5                      | 1                      | µg/L     | EPA 525.2         |
| Zinc                                                                                                                           | 26         | 46              | 26             | 20              | 24                        | 5000                   | µg/L     | EPA 200.8         |
| Miscellaneous Regulated Constituents                                                                                           |            |                 |                |                 |                           |                        |          |                   |
| Oil & Grease <sup>5</sup>                                                                                                      | <1         | <1              | 1              | <1              | --                        | 1                      | mg/L     | EPA 1664          |
| Disinfection Byproducts                                                                                                        |            |                 |                |                 |                           |                        |          |                   |
| Bromate                                                                                                                        | <0.005     | <0.005          | <0.005         | <0.005          | <0.005                    | 0.010                  | mg/L     | EPA 300.1/317     |
| Chlorite                                                                                                                       | <0.01      | <0.01           | <0.02          | <0.01           | <0.01                     | 1                      | mg/L     | EPA 300.0         |

NR: Not required this quarter

<sup>1</sup> Non-detect (ND) is considered to be half the detection limit (DL) for the 4-quarter running average calculation. The reported 4-quarter running average value, if less than DL, will be based on highest DL found in the data set.

<sup>2</sup> As of September 11, 2017 the MCL for hexavalent chromium that was established in 2014 is no longer in effect; the State Board plans on establishing a new MCL in the near future.

<sup>3</sup> The sum of m,p-Xylene and o-Xylene is used to calculate compliance for the Total Xylenes limit

<sup>4</sup> 4-quarter running average is calculated based on the four most recent results. Monitoring is required annually. However, if monitoring takes place more frequently than required, those results will be reported.

<sup>5</sup> Oil & Grease compliance determination is not based on 4-quarter running average

**Bold & yellow highlight signifies an exceedance of a limit in the Order. Explained in further detail in the report text.**



Table 2-4a

Recycled Water Monitoring - RW Blend (RP1/RP-4): Remaining Priority Pollutants, EDCs & Pharmaceuticals, and Unregulated Chemicals  
(Monitoring & Reporting Program)

| Constituent                       | 3Q25 | Unit | Method        | Constituent                                                                        | 3Q25      | Unit | Method             |
|-----------------------------------|------|------|---------------|------------------------------------------------------------------------------------|-----------|------|--------------------|
| Volatile Organic Chemicals (VOCs) |      |      |               | Pesticides                                                                         |           |      |                    |
| Acrolein                          | <2   | µg/L | EPA 624       | Aldrin                                                                             | <0.005    | µg/L | EPA 505/525/608    |
| Acrylonitrile                     | 0.7  | µg/L | EPA 624       | BHC, alpha isomer                                                                  | <0.01     | µg/L | EPA 525/608        |
| Bromoform                         | <0.5 | µg/L | EPA 524.2/624 | BHC, beta isomer                                                                   | <0.005    | µg/L | EPA 525/608        |
| Chlorodibromomethane              | 3.6  | µg/L | EPA 524.2/624 | BHC, delta isomer                                                                  | <0.005    | µg/L | EPA 525/608        |
| Chloroethane                      | <0.5 | µg/L | EPA 524.2/624 | 4,4'-DDT                                                                           | <0.01     | µg/L | EPA 525/608        |
| 2-Chloroethylvinylether           | <1   | µg/L | EPA 524.2/624 | 4,4'-DDE                                                                           | <0.05     | µg/L | EPA 525/608        |
| Chloroform                        | 114  | µg/L | EPA 524.2/624 | 4,4'-DDD                                                                           | <0.05     | µg/L | EPA 525/608        |
| Dichlorobromomethane              | 27   | µg/L | EPA 524.2/624 | Dieldrin                                                                           | <0.01     | µg/L | EPA 505/525/608    |
| Methyl Bromide                    | <0.5 | µg/L | EPA 524.2/624 | Endosulfan I                                                                       | <0.02     | µg/L | EPA 525/608        |
| Methyl Chloride                   | <0.5 | µg/L | EPA 524.2/624 | Endosulfan II                                                                      | <0.01     | µg/L | EPA 525/608        |
| Acid Extractibles                 |      |      |               | Endosulfan Sulfate                                                                 | <0.05     | µg/L | EPA 525/608        |
| 2-Chlorophenol                    | <5   | µg/L | EPA 625       | Chemicals w/ State Notification Levels (NLs)                                       |           |      |                    |
| 2,4-Dichlorophenol                | <5   | µg/L | EPA 625       | Boron                                                                              | 0.2       | mg/L | EPA 200.7          |
| 2,4-Dimethylphenol                | <2   | µg/L | EPA 625       | n-butylbenzene                                                                     | <0.5      | µg/L | EPA 524.2          |
| 2-Methyl-4,6-dinitrophenol        | <5   | µg/L | EPA 625       | sec-butylbenzene                                                                   | <0.5      | µg/L | EPA 524.2          |
| 2,4-Dinitrophenol                 | <5   | µg/L | EPA 625       | tert-butylbenzene                                                                  | <0.5      | µg/L | EPA 524.2          |
| 2-Nitrophenol                     | <10  | µg/L | EPA 625       | Carbon disulfide                                                                   | <0.5      | µg/L | EPA 524.2          |
| 4-Nitrophenol                     | <10  | µg/L | EPA 625       | Chlorate <sup>1</sup> (RW Blend /DCZ-LYS-25)                                       | 460 / <20 | µg/L | EPA 300.0          |
| 4-Chloro-3-methylphenol           | <1   | µg/L | EPA 625       | 2-Chlorotoluene                                                                    | <0.5      | µg/L | EPA 524.2          |
| Phenol                            | <1   | µg/L | EPA 625       | 4-Chlorotoluene                                                                    | <0.5      | µg/L | EPA 524.2          |
| 2,4,6-Trichlorophenol             | <10  | µg/L | EPA 625       | Diazinon                                                                           | <0.5      | µg/L | EPA 525.2          |
| Base/Neutral Extractibles         |      |      |               | Dichlorodifluoromethane (Freon 12)                                                 | <0.5      | µg/L | EPA 524.2          |
| Acenaphthene                      | <1   | µg/L | EPA 625       | 1,4 - Dioxane                                                                      | 0.2       | µg/L | EPA 522            |
| Acenaphthylene                    | <10  | µg/L | EPA 625       | Ethylene glycol                                                                    | <10       | mg/L | EPA 8015B          |
| Anthracene                        | <10  | µg/L | EPA 625       | Formaldehyde                                                                       | 41        | µg/L | EPA 556            |
| Benzidine                         | <5   | µg/L | EPA 625       | HMX                                                                                | <20       | µg/L | EPA 8330A          |
| Benzo(a)anthracene                | <5   | µg/L | EPA 625       | Isopropylbenzene                                                                   | <0.5      | µg/L | EPA 524.2          |
| Benzo(b)fluoranthene              | <10  | µg/L | EPA 625       | Manganese                                                                          | 6         | µg/L | EPA 200.8          |
| Benzo(g,h,i)perylene              | <5   | µg/L | EPA 625       | Methyl isobutyl ketone (MIBK)                                                      | <2        | µg/L | EPA 524.2          |
| Benzo(k)fluoranthene              | <10  | µg/L | EPA 625       | Naphthalene                                                                        | <0.5      | µg/L | EPA 525.2/524.2    |
| Bis(2-chloroethoxy)methane        | <5   | µg/L | EPA 625       | N-Nitrosodiethylamine (NDEA)                                                       | <2        | ng/L | EPA 521            |
| Bis(2-chloroethyl)ether           | <1   | µg/L | EPA 625       | N-Nitrosodimethylamine (NDMA)                                                      | 6.3       | ng/L | EPA 521            |
| Bis(2-chloroisopropyl)ether       | <2   | µg/L | EPA 625       | N-Nitrosodi-n-propylamine (NDPA)                                                   | <2        | ng/L | EPA 521            |
| 4-Bromophenyl phenyl ether        | <5   | µg/L | EPA 625       | Propachlor                                                                         | <0.5      | µg/L | EPA 525.2          |
| Butyl benzyl phthalate            | <10  | µg/L | EPA 625       | N-propylbenzene                                                                    | <0.5      | µg/L | EPA 524.2          |
| 2-Chloronaphthalene               | <10  | µg/L | EPA 625       | RDX                                                                                | <50       | µg/L | EPA 8330A          |
| 4-Chlorophenyl phenyl ether       | <5   | µg/L | EPA 625       | Tertiary butyl alcohol                                                             | <2        | µg/L | EPA 524.2          |
| Chrysene                          | <10  | µg/L | EPA 625       | 1,2,4-trimethylbenzene                                                             | <0.5      | µg/L | EPA 524.2          |
| Dibenzo(a,h)anthracene            | <10  | µg/L | EPA 625       | 1,3,5-trimethylbenzene                                                             | <0.5      | µg/L | EPA 524.2          |
| 1,3-Dichlorobenzene               | <1   | µg/L | EPA 625       | 2,4,6-Trinitrotoluene                                                              | <20       | µg/L | EPA 8330A          |
| 3,3-Dichlorobenzidine             | <5   | µg/L | EPA 625       | Vanadium                                                                           | <5        | µg/L | EPA 200.8          |
| Diethyl phthalate                 | <2   | µg/L | EPA 625       | Perfluorooctanoic acid (PFOA) <sup>2</sup>                                         | 6.4       | ng/L | EPA 537.1          |
| Dimethyl phthalate                | <2   | µg/L | EPA 625       | Perfluorooctanesulfonic acid (PFOS)                                                | <2        | ng/L | EPA 537.1          |
| Di-n-butyl phthalate              | <10  | µg/L | EPA 625       | Health-based and performance indicator CECs for Surface Application <sup>3</sup>   |           |      |                    |
| 2,4-Dinitrotoluene                | <5   | µg/L | EPA 625       | 1,4 - Dioxane                                                                      | 0.2       | µg/L | EPA 522            |
| 2,6-Dinitrotoluene                | <5   | µg/L | EPA 625       | N-nitrosodimethylamine (NDMA)                                                      | 6.3       | ng/L | EPA 521            |
| Di-n-octyl phthalate              | <10  | µg/L | EPA 625       | N-Nitrosomorphine                                                                  | 16        | ng/L | EPA 521            |
| Azobenzene                        | <10  | µg/L | EPA 625       | Perfluorooctanoic acid (PFOA)                                                      | 6.4       | ng/L | EPA 537.1          |
| Fluoranthene                      | <1   | µg/L | EPA 625       | Perfluorooctanesulfonic acid (PFOS)                                                | <2        | ng/L | EPA 537.1          |
| Fluorene                          | <10  | µg/L | EPA 625       | Gemfibrozil                                                                        | <4        | ng/L | LC-MS-MS           |
| Hexachlorobutadiene               | <1   | µg/L | EPA 625       | Iohexol                                                                            | 44000     | ng/L | LC-MS-MS           |
| Hexachlorocyclopentadiene         | <5   | µg/L | EPA 625       | Sucralose                                                                          | 110000    | ng/L | LC-MS-MS           |
| Hexachloroethane                  | <1   | µg/L | EPA 625       | Sulfamethoxazole                                                                   | <4        | ng/L | LC-MS-MS           |
| Indeno(1,2,3-cd)pyrene            | <10  | µg/L | EPA 625       | ER-α (reported in avg BEQ/MTL)                                                     | ND        | ng/L | Indigo Biosciences |
| Isophorone                        | <1   | µg/L | EPA 625       | AhR (reported in avg BEQ/MTL)                                                      | 0.286     | ng/L | Indigo Biosciences |
| Naphthalene                       | <1   | µg/L | EPA 625       | <b>Bold &amp; yellow highlight signifies an exceedance of a notification level</b> |           |      |                    |
| Nitrobenzene                      | <1   | µg/L | EPA 625       |                                                                                    |           |      |                    |
| N-Nitroso-di-n-propylamine        | <5   | µg/L | EPA 625       |                                                                                    |           |      |                    |
| N-Nitrosodiphenylamine            | <1   | µg/L | EPA 625       |                                                                                    |           |      |                    |
| Phenanthrene                      | <5   | µg/L | EPA 625       |                                                                                    |           |      |                    |
| Pyrene                            | <10  | µg/L | EPA 625       |                                                                                    |           |      |                    |

NR: Not Required (Annual Requirement, Phase II FOF, Attachment A, Page 26, Item 19)

<sup>1</sup> Pursuant to the GRRP regulations, recharge water may be monitored at a monitoring well or lysimeter in lieu of recycled water for DDW-specified chemicals having notification levels.

<sup>2</sup> PFOA is being analyzed weekly for the exceedance of the NL and is reported in Section 2A of this report

<sup>3</sup> Monitoring results for performance indicator CECs and surrogates shall be used to evaluate the operational performance of a treatment process and the effectiveness of a treatment process in removing CECs.

Table 2-4b

Recycled Water Monitoring - RP-1 (001B Effluent): Remaining Priority Pollutants, EDCs & Pharmaceuticals, and Unregulated Chemicals  
(Monitoring & Reporting Program)

| Constituent                       | 3Q25  | Unit | Method        |
|-----------------------------------|-------|------|---------------|
| Volatile Organic Chemicals (VOCs) |       |      |               |
| Acrolein                          | <2    | µg/L | EPA 624       |
| Acrylonitrile                     | <0.25 | µg/L | EPA 624       |
| Bromoform                         | <0.5  | µg/L | EPA 524.2/624 |
| Chlorodibromomethane              | 3.2   | µg/L | EPA 524.2/624 |
| Chloroethane                      | <0.5  | µg/L | EPA 524.2/624 |
| 2-Chloroethylvinylether           | <1    | µg/L | EPA 524.2/624 |
| Chloroform                        | 84    | µg/L | EPA 524.2/624 |
| Dichlorobromomethane              | 3     | µg/L | EPA 524.2/624 |
| Methyl Bromide                    | <0.5  | µg/L | EPA 524.2/624 |
| Methyl Chloride                   | <0.5  | µg/L | EPA 524.2/624 |
| Acid Extractibles                 |       |      |               |
| 2-Chlorophenol                    | <5    | µg/L | EPA 625       |
| 2,4-Dichlorophenol                | <5    | µg/L | EPA 625       |
| 2,4-Dimethylphenol                | <2    | µg/L | EPA 625       |
| 2-Methyl-4,6-dinitrophenol        | <5    | µg/L | EPA 625       |
| 2,4-Dinitrophenol                 | <5    | µg/L | EPA 625       |
| 2-Nitrophenol                     | <10   | µg/L | EPA 625       |
| 4-Nitrophenol                     | <10   | µg/L | EPA 625       |
| 4-Chloro-3-methylphenol           | <1    | µg/L | EPA 625       |
| Phenol                            | <10   | µg/L | EPA 625       |
| 2,4,6-Trichlorophenol             | <1    | µg/L | EPA 625       |
| Base/Neutral Extractibles         |       |      |               |
| Acenaphthene                      | <1    | µg/L | EPA 625       |
| Acenaphthylene                    | <10   | µg/L | EPA 625       |
| Anthracene                        | <10   | µg/L | EPA 625       |
| Benzidine                         | <5    | µg/L | EPA 625       |
| Benzo(a)anthracene                | <5    | µg/L | EPA 625       |
| Benzo(b)fluoranthene              | <10   | µg/L | EPA 625       |
| Benzo(g,h,i)perylene              | <5    | µg/L | EPA 625       |
| Benzo(k)fluoranthene              | <10   | µg/L | EPA 625       |
| Bis(2-chloroethoxy)methane        | <5    | µg/L | EPA 625       |
| Bis(2-chloroethyl)ether           | <1    | µg/L | EPA 625       |
| Bis(2-chloroisopropyl)ether       | <2    | µg/L | EPA 625       |
| 4-Bromophenyl phenyl ether        | <1    | µg/L | EPA 625       |
| Butyl benzyl phthalate            | <10   | µg/L | EPA 625       |
| 2-Chloronaphthalene               | <10   | µg/L | EPA 625       |
| 4-Chlorophenyl phenyl ether       | <5    | µg/L | EPA 625       |
| Chrysene                          | <10   | µg/L | EPA 625       |
| Dibenzo(a,h)anthracene            | <10   | µg/L | EPA 625       |
| 1,3-Dichlorobenzene               | <1    | µg/L | EPA 625       |
| 3,3-Dichlorobenzidine             | <5    | µg/L | EPA 625       |
| Diethyl phthalate                 | <2    | µg/L | EPA 625       |
| Dimethyl phthalate                | <2    | µg/L | EPA 625       |
| Di-n-butyl phthalate              | <10   | µg/L | EPA 625       |
| 2,4-Dinitrotoluene                | <5    | µg/L | EPA 625       |
| 2,6-Dinitrotoluene                | <5    | µg/L | EPA 625       |
| Di-n-octyl phthalate              | <10   | µg/L | EPA 625       |
| Azobenzene                        | <10   | µg/L | EPA 625       |
| Fluoranthene                      | <1    | µg/L | EPA 625       |
| Fluorene                          | <10   | µg/L | EPA 625       |
| Hexachlorobutadiene               | <1    | µg/L | EPA 625       |
| Hexachlorocyclopentadiene         | <5    | µg/L | EPA 625       |
| Hexachloroethane                  | <1    | µg/L | EPA 625       |
| Indeno(1,2,3-cd)pyrene            | <10   | µg/L | EPA 625       |
| Isophorone                        | <1    | µg/L | EPA 625       |
| Naphthalene                       | <1    | µg/L | EPA 625       |
| Nitrobenzene                      | <1    | µg/L | EPA 625       |
| N-Nitroso-di-n-propylamine        | <5    | µg/L | EPA 625       |
| N-Nitrosodiphenylamine            | <1    | µg/L | EPA 625       |
| Phenanthrene                      | <5    | µg/L | EPA 625       |
| Pyrene                            | <10   | µg/L | EPA 625       |

| Constituent                                                                      | 3Q25       | Unit | Method             |
|----------------------------------------------------------------------------------|------------|------|--------------------|
| Pesticides                                                                       |            |      |                    |
| Aldrin                                                                           | <0.005     | µg/L | EPA 505/608        |
| BHC, alpha isomer                                                                | <0.01      | µg/L | EPA 525/608        |
| BHC, beta isomer                                                                 | <0.005     | µg/L | EPA 525/608        |
| BHC, delta isomer                                                                | <0.005     | µg/L | EPA 525/608        |
| 4,4'-DDT                                                                         | <0.01      | µg/L | EPA 525/608        |
| 4,4'-DDE                                                                         | <0.05      | µg/L | EPA 525/608        |
| 4,4'-DDD                                                                         | <0.05      | µg/L | EPA 525/608        |
| Dieldrin                                                                         | <0.01      | µg/L | EPA 505/608        |
| Endosulfan I                                                                     | <0.02      | µg/L | EPA 525/608        |
| Endosulfan II                                                                    | <0.01      | µg/L | EPA 525/608        |
| Endosulfan Sulfate                                                               | <0.05      | µg/L | EPA 525/608        |
| Chemicals w/ State Notification Levels (NLs)                                     |            |      |                    |
| Boron                                                                            | 0.1        | mg/L | EPA 200.7          |
| n-butylbenzene                                                                   | <0.5       | µg/L | EPA 524.2          |
| sec-butylbenzene                                                                 | <0.5       | µg/L | EPA 524.2          |
| tert-butylbenzene                                                                | <0.5       | µg/L | EPA 524.2          |
| Carbon disulfide                                                                 | <0.5       | µg/L | EPA 524.2          |
| Chlorate <sup>1</sup> (001B Eff /DCZ-LYS-25)                                     | 390 / <20  | µg/L | EPA 300.0          |
| 2-Chlorotoluene                                                                  | <0.5       | µg/L | EPA 524.2          |
| 4-Chlorotoluene                                                                  | <0.5       | µg/L | EPA 524.2          |
| Diazinon                                                                         | <0.5       | µg/L | EPA 525.2          |
| Dichlorodifluoromethane (Freon 12)                                               | <0.5       | µg/L | EPA 524.2          |
| 1,4 - Dioxane                                                                    | 0.2        | µg/L | EPA 522            |
| Ethylene glycol                                                                  | <10        | mg/L | EPA 8015B          |
| Formaldehyde                                                                     | 38         | µg/L | EPA 556            |
| HMX                                                                              | <20        | µg/L | EPA 8330A          |
| Isopropylbenzene                                                                 | <0.5       | µg/L | EPA 524.2          |
| Manganese                                                                        | 4          | µg/L | EPA 200.8          |
| Methyl isobutyl ketone (MIBK)                                                    | <2         | µg/L | EPA 524.2          |
| Naphthalene                                                                      | <0.5       | µg/L | EPA 524.2          |
| N-Nitrosodiethylamine (NDEA)                                                     | <2         | ng/L | EPA 521            |
| N-Nitrosodimethylamine (NDMA)                                                    | 4.9        | ng/L | EPA 521            |
| N-Nitrosodi-n-propylamine (NDPA)                                                 | <2         | ng/L | EPA 521            |
| Propachlor                                                                       | <0.5       | µg/L | EPA 525.2          |
| N-propylbenzene                                                                  | <0.5       | µg/L | EPA 524.2          |
| RDX                                                                              | <50        | µg/L | EPA 8330A          |
| Tertiary butyl alcohol                                                           | <2         | µg/L | EPA 524.2          |
| 1,2,4-trimethylbenzene                                                           | <0.5       | µg/L | EPA 524.2          |
| 1,3,5-trimethylbenzene                                                           | <0.5       | µg/L | EPA 524.2          |
| 2,4,6-Trinitrotoluene                                                            | <20        | µg/L | EPA 8330A          |
| Vanadium                                                                         | <5         | µg/L | EPA 200.8          |
| Perfluorooctanoic acid (PFOA) <sup>2</sup>                                       | <b>6.3</b> | ng/L | EPA 537.1          |
| Perfluorooctanesulfonic acid (PFOS)                                              | <2         | ng/L | EPA 537.1          |
| Health-based and performance indicator CECs for Surface Application <sup>3</sup> |            |      |                    |
| 1,4 - Dioxane                                                                    | 0.2        | µg/L | EPA 522            |
| N-nitrosodimethylamine (NDMA)                                                    | 4.9        | ng/L | EPA 521            |
| N-Nitrosomorpholine                                                              | 15         | ng/L | EPA 521            |
| Perfluorooctanesulfonic acid (PFOS)                                              | <2         | ng/L | EPA 537.1          |
| Perfluorooctanoic acid (PFOA)                                                    | <b>6.3</b> | ng/L | EPA 537.1          |
| Gemfibrozil                                                                      | <4         | ng/L | LC-MS-MS           |
| Iohexol                                                                          | 58000      | ng/L | LC-MS-MS           |
| Sucralose                                                                        | 110000     | ng/L | LC-MS-MS           |
| Sulfamethoxazole                                                                 | <4         | ng/L | LC-MS-MS           |
| ER-α (reported in avg BEQ/MTL)                                                   | ND         | ng/L | Indigo Biosciences |
| AhR (reported in avg BEQ/MTL)                                                    | 0.374      | ng/L | Indigo Biosciences |

**Bold & yellow highlight signifies an exceedance of a notification level**

NR: Not Required (Annual Requirement, Phase II FOF, Attachment A, Page 26, Item 19)

<sup>1</sup> Pursuant to the GRRP regulations, recharge water may be monitored at a monitoring well or lysimeter in lieu of recycled water for DDW-specified chemicals having notification levels.

<sup>2</sup> PFOA is being analyzed weekly for the exceedance of the NL and is reported in Section 2A of this report

<sup>3</sup> Monitoring results for performance indicator CECs and surrogates shall be used to evaluate the operational performance of a treatment process and the effectiveness of a treatment process in removing CECs.

Table 2-5  
Alternative Monitoring Plans: TOC & TN

| Date      | RW Blend* |               |                  |     |                   | Banana              |                                      |                  |                    |                    | Hickory             |                                      |                  |                    |                    |
|-----------|-----------|---------------|------------------|-----|-------------------|---------------------|--------------------------------------|------------------|--------------------|--------------------|---------------------|--------------------------------------|------------------|--------------------|--------------------|
| mg/L==>   | TOC       | TOC-20 wk avg | TOC-4 sample avg | TN  | TN - 2 sample avg | TOC (93% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (47% reduction) | TN - 2 sample avg. | TOC (93% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (27% reduction) | TN - 2 sample avg. |
| Limit ==> |           |               |                  |     | 10 mg/L (DDW)     | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 1.6; 1.6; 1.6 mg/L |                  |                    | 5 mg/L (RWQCB)     | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 3.8; 3.6; 3.8 mg/L |                  |                    | 5 mg/L (RWQCB)     |
| 06/30/25  | 0.30      | 6.78          | 6.57             | 5.5 | 5.5               | 0.02                | 0.47                                 | 0.46             | 2.9                | 3.1                | 0.02                | 0.47                                 | 0.46             | 4.0                | 4.0                |
| 07/03/25  |           |               |                  | 6.0 | 5.7               |                     |                                      |                  | 3.2                | 3.0                |                     |                                      |                  | 4.4                | 4.2                |
| 07/07/25  | 6.63      | 6.78          | 6.65             | 6.1 | 6.0               | 0.46                | 0.47                                 | 0.47             | 3.2                | 3.2                | 0.46                | 0.47                                 | 0.47             | 4.5                | 4.4                |
| 07/10/25  |           |               |                  | 6.1 | 6.1               |                     |                                      |                  | 3.2                | 3.2                |                     |                                      |                  | 4.4                | 4.4                |
| 07/14/25  | 6.33      | 6.74          | 6.58             | 5.6 | 5.8               | 0.44                | 0.47                                 | 0.46             | 3.0                | 3.1                | 0.44                | 0.47                                 | 0.46             | 4.1                | 4.3                |
| 07/17/25  |           |               |                  | 4.8 | 5.2               |                     |                                      |                  | 2.5                | 2.7                |                     |                                      |                  | 3.5                | 3.8                |
| 07/21/25  | 6.07      | 6.69          | 6.42             | 5.8 | 5.3               | 0.42                | 0.47                                 | 0.45             | 3.1                | 2.8                | 0.42                | 0.47                                 | 0.45             | 4.3                | 3.9                |
| 07/24/25  |           |               |                  | 5.4 | 5.6               |                     |                                      |                  | 2.8                | 3.0                |                     |                                      |                  | 3.9                | 4.1                |
| 07/28/25  | 6.13      | 6.65          | 6.29             | 5.2 | 5.3               | 0.43                | 0.47                                 | 0.44             | 2.8                | 2.8                | 0.43                | 0.47                                 | 0.44             | 3.8                | 3.9                |
| 07/31/25  |           |               |                  | 4.6 | 4.9               |                     |                                      |                  | 2.5                | 2.6                |                     |                                      |                  | 3.4                | 3.6                |
| 08/04/25  | 6.00      | 6.61          | 6.13             | 6.1 | 5.4               | 0.42                | 0.46                                 | 0.43             | 3.3                | 2.9                | 0.42                | 0.46                                 | 0.43             | 4.5                | 3.9                |
| 08/07/25  |           |               |                  | 5.2 | 5.7               |                     |                                      |                  | 2.8                | 3.0                |                     |                                      |                  | 3.8                | 4.1                |
| 08/11/25  | 6.03      | 6.57          | 6.06             | 5.6 | 5.4               | 0.42                | 0.46                                 | 0.42             | 3.0                | 2.9                | 0.42                | 0.46                                 | 0.42             | 4.1                | 4.0                |
| 08/14/25  |           |               |                  | 5.7 | 5.7               |                     |                                      |                  | 3.0                | 3.0                |                     |                                      |                  | 4.2                | 4.1                |
| 08/18/25  | 5.96      | 6.52          | 6.03             | 5.5 | 5.6               | 0.42                | 0.46                                 | 0.42             | 2.9                | 3.0                | 0.42                | 0.46                                 | 0.42             | 4.0                | 4.1                |
| 08/20/25  | 6.20      | 6.48          | 6.05             | 5.6 | 5.5               | 0.43                | 0.45                                 | 0.42             | 2.9                | 2.9                | 0.43                | 0.45                                 | 0.42             | 4.1                | 4.0                |
| 08/21/25  |           |               |                  | 5.8 | 5.7               |                     |                                      |                  | 3.1                | 3.0                |                     |                                      |                  | 4.2                | 4.1                |
| 08/25/25  | 5.92      | 6.43          | 6.03             | 5.6 | 5.7               | 0.41                | 0.45                                 | 0.42             | 3.0                | 3.0                | 0.41                | 0.45                                 | 0.42             | 4.1                | 4.2                |
| 08/28/25  |           |               |                  | 5.7 | 5.6               |                     |                                      |                  | 3.0                | 3.0                |                     |                                      |                  | 4.1                | 4.1                |
| 09/01/25  | 5.77      | 6.39          | 5.96             | 6.4 | 6.0               | 0.40                | 0.45                                 | 0.42             | 3.4                | 3.2                | 0.40                | 0.45                                 | 0.42             | 4.7                | 4.4                |
| 09/04/25  |           |               |                  | 6.2 | 6.3               |                     |                                      |                  | 3.3                | 3.4                |                     |                                      |                  | 4.6                | 4.6                |
| 09/08/25  | 6.10      | 6.38          | 6.00             | 6.1 | 6.1               | 0.43                | 0.45                                 | 0.42             | 3.2                | 3.3                | 0.43                | 0.45                                 | 0.42             | 4.4                | 4.5                |
| 09/11/25  |           |               |                  | 6.1 | 6.1               |                     |                                      |                  | 3.2                | 3.2                |                     |                                      |                  | 4.4                | 4.4                |
| 09/15/25  | 6.23      | 6.36          | 6.01             | 5.2 | 5.6               | 0.44                | 0.45                                 | 0.42             | 2.7                | 3.0                | 0.44                | 0.45                                 | 0.42             | 3.8                | 4.1                |
| 09/18/25  |           |               |                  | 5.4 | 5.3               |                     |                                      |                  | 2.9                | 2.8                |                     |                                      |                  | 3.9                | 3.9                |
| 09/22/25  | 6.43      | 6.33          | 6.13             | 6.1 | 5.7               | 0.45                | 0.44                                 | 0.43             | 3.2                | 3.0                | 0.45                | 0.44                                 | 0.43             | 4.4                | 4.2                |
| 09/25/25  |           |               |                  | 5.9 | 6.0               |                     |                                      |                  | 3.1                | 3.2                |                     |                                      |                  | 4.3                | 4.4                |
| 09/29/25  | 6.37      | 6.27          | 6.28             | 6.0 | 5.9               | 0.45                | 0.44                                 | 0.44             | 3.2                | 3.1                | 0.45                | 0.44                                 | 0.44             | 4.4                | 4.3                |

\*The RW blend of RP-1 & RP-4 effluent is sampled at the RP-4 1299 Pump Station. The TOC & TN values are used for the % reduction calculation of most of the GWR basins with the exception of the Ely Basins, which receives 001B Effluent.

| Date      | Turner 1 & 2        |                                      |                  |                    |                   | Turner 3 & 4        |                                      |                  |                    |                | RP3                 |                                      |                  |                    |                    |
|-----------|---------------------|--------------------------------------|------------------|--------------------|-------------------|---------------------|--------------------------------------|------------------|--------------------|----------------|---------------------|--------------------------------------|------------------|--------------------|--------------------|
| mg/L==>   | TOC (70% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (87% reduction) | TN - 2 sample avg | TOC (85% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (87% reduction) |                | TOC (88% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (31% reduction) | TN - 2 sample avg. |
| Limit ==> | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 2.1; 2.1; 2.1 mg/L |                  |                    | 5 mg/L (RWQCB)    | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 2.0; 2.1; 2.1 mg/L |                  |                    | 5 mg/L (RWQCB) | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 1.8; 1.8; 1.8 mg/L |                  |                    | 5 mg/L (RWQCB)     |
| 06/30/25  | 0.09                | 2.04                                 | 1.97             | 0.7                | 0.7               | 0.05                | 1.02                                 | 0.98             | 0.7                | 0.7            | 0.04                | 0.81                                 | 0.79             | 3.8                | 3.8                |
| 07/03/25  |                     |                                      |                  | 0.8                | 0.7               |                     |                                      |                  | 0.8                | 0.7            |                     |                                      |                  | 4.1                | 4.0                |
| 07/07/25  | 1.99                | 2.03                                 | 1.99             | 0.8                | 0.8               | 0.99                | 1.02                                 | 1.00             | 0.8                | 0.8            | 0.80                | 0.81                                 | 0.80             | 4.2                | 4.2                |
| 07/10/25  |                     |                                      |                  | 0.8                | 0.8               |                     |                                      |                  | 0.8                | 0.8            |                     |                                      |                  | 4.2                | 4.2                |
| 07/14/25  | 1.90                | 2.02                                 | 1.97             | 0.7                | 0.8               | 0.95                | 1.01                                 | 0.99             | 0.7                | 0.8            | 0.76                | 0.81                                 | 0.79             | 3.9                | 4.0                |
| 07/17/25  |                     |                                      |                  | 0.6                | 0.7               |                     |                                      |                  | 0.6                | 0.7            |                     |                                      |                  | 3.3                | 3.6                |
| 07/21/25  | 1.82                | 2.01                                 | 1.92             | 0.8                | 0.7               | 0.91                | 1.00                                 | 0.96             | 0.8                | 0.7            | 0.73                | 0.80                                 | 0.77             | 4.0                | 3.7                |
| 07/24/25  |                     |                                      |                  | 0.7                | 0.7               |                     |                                      |                  | 0.7                | 0.7            |                     |                                      |                  | 3.7                | 3.9                |
| 07/28/25  | 1.84                | 1.99                                 | 1.89             | 0.7                | 0.7               | 0.92                | 1.00                                 | 0.94             | 0.7                | 0.7            | 0.74                | 0.80                                 | 0.75             | 3.6                | 3.6                |
| 07/31/25  |                     |                                      |                  | 0.6                | 0.6               |                     |                                      |                  | 0.6                | 0.6            |                     |                                      |                  | 3.2                | 3.4                |
| 08/04/25  | 1.80                | 1.98                                 | 1.84             | 0.8                | 0.7               | 0.90                | 0.99                                 | 0.92             | 0.8                | 0.7            | 0.72                | 0.79                                 | 0.74             | 4.2                | 3.7                |
| 08/07/25  |                     |                                      |                  | 0.7                | 0.7               |                     |                                      |                  | 0.7                | 0.7            |                     |                                      |                  | 3.6                | 3.9                |
| 08/11/25  | 1.81                | 1.97                                 | 1.82             | 0.7                | 0.7               | 0.90                | 0.99                                 | 0.91             | 0.7                | 0.7            | 0.72                | 0.79                                 | 0.73             | 3.9                | 3.7                |
| 08/14/25  |                     |                                      |                  | 0.7                | 0.7               |                     |                                      |                  | 0.7                | 0.7            |                     |                                      |                  | 3.9                | 3.9                |
| 08/18/25  | 1.79                | 1.95                                 | 1.81             | 0.7                | 0.7               | 0.89                | 0.98                                 | 0.90             | 0.7                | 0.7            | 0.72                | 0.78                                 | 0.72             | 3.8                | 3.9                |
| 08/20/25  | 1.86                | 1.94                                 | 1.81             | 0.7                | 0.7               | 0.93                | 0.97                                 | 0.91             | 0.7                | 0.7            | 0.74                | 0.78                                 | 0.73             | 3.8                | 3.8                |
| 08/21/25  |                     |                                      |                  | 0.8                | 0.7               |                     |                                      |                  | 0.8                | 0.7            |                     |                                      |                  | 4.0                | 3.9                |
| 08/25/25  | 1.78                | 1.93                                 | 1.81             | 0.7                | 0.7               | 0.89                | 0.96                                 | 0.90             | 0.7                | 0.7            | 0.71                | 0.77                                 | 0.72             | 3.9                | 3.9                |
| 08/28/25  |                     |                                      |                  | 0.7                | 0.7               |                     |                                      |                  | 0.7                | 0.7            |                     |                                      |                  | 3.9                | 3.9                |
| 09/01/25  | 1.73                | 1.92                                 | 1.79             | 0.8                | 0.8               | 0.87                | 0.96                                 | 0.89             | 0.8                | 0.8            | 0.69                | 0.77                                 | 0.72             | 4.4                | 4.2                |
| 09/04/25  |                     |                                      |                  | 0.8                | 0.8               |                     |                                      |                  | 0.8                | 0.8            |                     |                                      |                  | 4.3                | 4.4                |
| 09/08/25  | 1.83                | 1.92                                 | 1.80             | 0.8                | 0.8               | 0.92                | 0.96                                 | 0.90             | 0.8                | 0.8            | 0.73                | 0.77                                 | 0.72             | 4.2                | 4.2                |
| 09/11/25  |                     |                                      |                  | 0.8                | 0.8               |                     |                                      |                  | 0.8                | 0.8            |                     |                                      |                  | 4.2                | 4.2                |
| 09/15/25  | 1.87                | 1.91                                 | 1.80             | 0.7                | 0.7               | 0.93                | 0.95                                 | 0.90             | 0.7                | 0.7            | 0.75                | 0.76                                 | 0.72             | 3.6                | 3.9                |
| 09/18/25  |                     |                                      |                  | 0.7                | 0.7               |                     |                                      |                  | 0.7                | 0.7            |                     |                                      |                  | 3.7                | 3.6                |
| 09/22/25  | 1.93                | 1.90                                 | 1.84             | 0.8                | 0.7               | 0.96                | 0.95                                 | 0.92             | 0.8                | 0.7            | 0.77                | 0.76                                 | 0.74             | 4.2                | 4.0                |
| 09/25/25  |                     |                                      |                  | 0.8                | 0.8               |                     |                                      |                  | 0.8                | 0.8            |                     |                                      |                  | 4.0                | 4.1                |
| 09/29/25  | 1.91                | 1.88                                 | 1.88             | 0.8                | 0.8               | 0.96                | 0.94                                 | 0.94             | 0.8                | 0.8            | 0.76                | 0.75                                 | 0.75             | 4.1                | 4.1                |

Table 2-5  
Alternative Monitoring Plans: TOC & TN

| Date      | 8th Street          |                                      |                  |                    |                   | Victoria            |                                      |                  |                    |                   | San Sevaïne 1-3     |                                      |                  |                    |                   |
|-----------|---------------------|--------------------------------------|------------------|--------------------|-------------------|---------------------|--------------------------------------|------------------|--------------------|-------------------|---------------------|--------------------------------------|------------------|--------------------|-------------------|
| mg/L==>   | TOC (93% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (75% reduction) | TN - 2 sample avg | TOC (91% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (82% reduction) | TN - 2 sample avg | TOC (92% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (34% reduction) | TN - 2 sample avg |
| Limit ==> | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 2.1; 2.0; 2.0 mg/L |                  |                    | 5 mg/L (RWQCB)    | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 2.0; 2.0; 2.0 mg/L |                  |                    | 5 mg/L (RWQCB)    | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 2.9; 2.9; 2.8 mg/L |                  |                    | 5 mg/L (RWQCB)    |
| 06/30/25  | 0.02                | 0.47                                 | 0.46             | 1.4                | 1.4               | 0.03                | 0.61                                 | 0.59             | 1.4                | 1.4               | 0.02                | 0.54                                 | 0.53             | 3.6                | 3.6               |
| 07/03/25  |                     |                                      |                  | 1.5                | 1.4               |                     |                                      |                  | 1.5                | 1.4               |                     |                                      |                  | 4.0                | 3.8               |
| 07/07/25  | 0.46                | 0.47                                 | 0.47             | 1.5                | 1.5               | 0.60                | 0.61                                 | 0.60             | 1.5                | 1.5               | 0.53                | 0.54                                 | 0.53             | 4.0                | 4.0               |
| 07/10/25  |                     |                                      |                  | 1.5                | 1.5               |                     |                                      |                  | 1.5                | 1.5               |                     |                                      |                  | 4.0                | 4.0               |
| 07/14/25  | 0.44                | 0.47                                 | 0.46             | 1.4                | 1.5               | 0.57                | 0.61                                 | 0.59             | 1.4                | 1.5               | 0.51                | 0.54                                 | 0.53             | 3.7                | 3.8               |
| 07/17/25  |                     |                                      |                  | 1.2                | 1.3               |                     |                                      |                  | 1.2                | 1.3               |                     |                                      |                  | 3.1                | 3.4               |
| 07/21/25  | 0.42                | 0.47                                 | 0.45             | 1.5                | 1.3               | 0.55                | 0.60                                 | 0.58             | 1.5                | 1.3               | 0.49                | 0.54                                 | 0.51             | 3.9                | 3.5               |
| 07/24/25  |                     |                                      |                  | 1.3                | 1.4               |                     |                                      |                  | 1.3                | 1.4               |                     |                                      |                  | 3.5                | 3.7               |
| 07/28/25  | 0.43                | 0.47                                 | 0.44             | 1.3                | 1.3               | 0.55                | 0.60                                 | 0.57             | 1.3                | 1.3               | 0.49                | 0.53                                 | 0.50             | 3.4                | 3.5               |
| 07/31/25  |                     |                                      |                  | 1.2                | 1.2               |                     |                                      |                  | 1.2                | 1.2               |                     |                                      |                  | 3.1                | 3.3               |
| 08/04/25  | 0.42                | 0.46                                 | 0.43             | 1.5                | 1.3               | 0.54                | 0.60                                 | 0.55             | 1.5                | 1.3               | 0.48                | 0.53                                 | 0.49             | 4.0                | 3.6               |
| 08/07/25  |                     |                                      |                  | 1.3                | 1.4               |                     |                                      |                  | 1.3                | 1.4               |                     |                                      |                  | 3.4                | 3.7               |
| 08/11/25  | 0.42                | 0.46                                 | 0.42             | 1.4                | 1.4               | 0.54                | 0.59                                 | 0.55             | 1.4                | 1.4               | 0.48                | 0.53                                 | 0.48             | 3.7                | 3.6               |
| 08/14/25  |                     |                                      |                  | 1.4                | 1.4               |                     |                                      |                  | 1.4                | 1.4               |                     |                                      |                  | 3.8                | 3.7               |
| 08/18/25  | 0.42                | 0.46                                 | 0.42             | 1.4                | 1.4               | 0.54                | 0.59                                 | 0.54             | 1.4                | 1.4               | 0.48                | 0.52                                 | 0.48             | 3.6                | 3.7               |
| 08/20/25  | 0.43                | 0.45                                 | 0.42             | 1.4                | 1.4               | 0.56                | 0.58                                 | 0.54             | 1.4                | 1.4               | 0.50                | 0.52                                 | 0.48             | 3.7                | 3.7               |
| 08/21/25  |                     |                                      |                  | 1.4                | 1.4               |                     |                                      |                  | 1.4                | 1.4               |                     |                                      |                  | 3.8                | 3.7               |
| 08/25/25  | 0.41                | 0.45                                 | 0.42             | 1.4                | 1.4               | 0.53                | 0.58                                 | 0.54             | 1.4                | 1.4               | 0.47                | 0.51                                 | 0.48             | 3.7                | 3.8               |
| 08/28/25  |                     |                                      |                  | 1.4                | 1.4               |                     |                                      |                  | 1.4                | 1.4               |                     |                                      |                  | 3.7                | 3.7               |
| 09/01/25  | 0.40                | 0.45                                 | 0.42             | 1.6                | 1.5               | 0.52                | 0.58                                 | 0.54             | 1.6                | 1.5               | 0.46                | 0.51                                 | 0.48             | 4.2                | 4.0               |
| 09/04/25  |                     |                                      |                  | 1.6                | 1.6               |                     |                                      |                  | 1.6                | 1.6               |                     |                                      |                  | 4.1                | 4.2               |
| 09/08/25  | 0.43                | 0.45                                 | 0.42             | 1.5                | 1.5               | 0.55                | 0.57                                 | 0.54             | 1.5                | 1.5               | 0.49                | 0.51                                 | 0.48             | 4.0                | 4.1               |
| 09/11/25  |                     |                                      |                  | 1.5                | 1.5               |                     |                                      |                  | 1.5                | 1.5               |                     |                                      |                  | 4.0                | 4.0               |
| 09/15/25  | 0.44                | 0.45                                 | 0.42             | 1.3                | 1.4               | 0.56                | 0.57                                 | 0.54             | 1.3                | 1.4               | 0.50                | 0.51                                 | 0.48             | 3.4                | 3.7               |
| 09/18/25  |                     |                                      |                  | 1.3                | 1.3               |                     |                                      |                  | 1.3                | 1.3               |                     |                                      |                  | 3.6                | 3.5               |
| 09/22/25  | 0.45                | 0.44                                 | 0.43             | 1.5                | 1.4               | 0.58                | 0.57                                 | 0.55             | 1.5                | 1.4               | 0.51                | 0.51                                 | 0.49             | 4.0                | 3.8               |
| 09/25/25  |                     |                                      |                  | 1.5                | 1.5               |                     |                                      |                  | 1.5                | 1.5               |                     |                                      |                  | 3.9                | 3.9               |
| 09/29/25  | 0.45                | 0.44                                 | 0.44             | 1.5                | 1.5               | 0.57                | 0.56                                 | 0.57             | 1.5                | 1.5               | 0.51                | 0.50                                 | 0.50             | 3.9                | 3.9               |

| Date      | Declez              |                                      |                  |                    |                   | Brooks              |                                      |                  |                     |                   |
|-----------|---------------------|--------------------------------------|------------------|--------------------|-------------------|---------------------|--------------------------------------|------------------|---------------------|-------------------|
| mg/L==>   | TOC (62% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (91% reduction) | TN - 2 sample avg | TOC (92% reduction) | TOC-20 wk avg                        | TOC-4 sample avg | TN (83% reduction)* | TN - 2 sample avg |
| Limit ==> | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 7.1; 7.1; 7.1 mg/L |                  |                    | 5 mg/L (RWQCB)    | 16 mg/L (RWQCB)     | Jul - Sept 2025 : 4.2; 4.2; 4.2 mg/L |                  |                     | 5 mg/L (RWQCB)    |
| 06/30/25  | 0.11                | 2.58                                 | 2.49             | 0.5                | 0.5               | 0.02                | 0.54                                 | 0.53             | 0.9                 | 0.9               |
| 07/03/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 1.0                 | 1.0               |
| 07/07/25  | 2.52                | 2.58                                 | 2.53             | 0.5                | 0.5               | 0.53                | 0.54                                 | 0.53             | 1.0                 | 1.0               |
| 07/10/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 1.0                 | 1.0               |
| 07/14/25  | 2.41                | 2.56                                 | 2.50             | 0.5                | 0.5               | 0.51                | 0.54                                 | 0.53             | 1.0                 | 1.0               |
| 07/17/25  |                     |                                      |                  | 0.4                | 0.5               |                     |                                      |                  | 0.8                 | 0.9               |
| 07/21/25  | 2.31                | 2.54                                 | 2.44             | 0.5                | 0.5               | 0.49                | 0.54                                 | 0.51             | 1.0                 | 0.9               |
| 07/24/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 0.9                 | 1.0               |
| 07/28/25  | 2.33                | 2.53                                 | 2.39             | 0.5                | 0.5               | 0.49                | 0.53                                 | 0.50             | 0.9                 | 0.9               |
| 07/31/25  |                     |                                      |                  | 0.4                | 0.4               |                     |                                      |                  | 0.8                 | 0.8               |
| 08/04/25  | 2.28                | 2.51                                 | 2.33             | 0.6                | 0.5               | 0.48                | 0.53                                 | 0.49             | 1.0                 | 0.9               |
| 08/07/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 0.9                 | 1.0               |
| 08/11/25  | 2.29                | 2.50                                 | 2.30             | 0.5                | 0.5               | 0.48                | 0.53                                 | 0.48             | 1.0                 | 0.9               |
| 08/14/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 1.0                 | 1.0               |
| 08/18/25  | 2.26                | 2.48                                 | 2.29             | 0.5                | 0.5               | 0.48                | 0.52                                 | 0.48             | 0.9                 | 1.0               |
| 08/20/25  | 2.36                | 2.46                                 | 2.30             | 0.5                | 0.5               | 0.50                | 0.52                                 | 0.48             | 0.9                 | 0.9               |
| 08/21/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 1.0                 | 1.0               |
| 08/25/25  | 2.25                | 2.44                                 | 2.29             | 0.5                | 0.5               | 0.47                | 0.51                                 | 0.48             | 1.0                 | 1.0               |
| 08/28/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 1.0                 | 1.0               |
| 09/01/25  | 2.19                | 2.43                                 | 2.27             | 0.6                | 0.5               | 0.46                | 0.51                                 | 0.48             | 1.1                 | 1.0               |
| 09/04/25  |                     |                                      |                  | 0.6                | 0.6               |                     |                                      |                  | 1.1                 | 1.1               |
| 09/08/25  | 2.32                | 2.43                                 | 2.28             | 0.5                | 0.6               | 0.49                | 0.51                                 | 0.48             | 1.0                 | 1.0               |
| 09/11/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 1.0                 | 1.0               |
| 09/15/25  | 2.37                | 2.42                                 | 2.28             | 0.5                | 0.5               | 0.50                | 0.51                                 | 0.48             | 0.9                 | 1.0               |
| 09/18/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 0.9                 | 0.9               |
| 09/22/25  | 2.44                | 2.41                                 | 2.33             | 0.5                | 0.5               | 0.51                | 0.51                                 | 0.49             | 1.0                 | 1.0               |
| 09/25/25  |                     |                                      |                  | 0.5                | 0.5               |                     |                                      |                  | 1.0                 | 1.0               |
| 09/29/25  | 2.42                | 2.38                                 | 2.39             | 0.5                | 0.5               | 0.51                | 0.50                                 | 0.50             | 1.0                 | 1.0               |

Table 2-5  
Alternative Monitoring Plans: TOC & TN

| Date      | 001B Effluent * |               |                  |     |                   | Ely 3 East (001B Effluent)* |                                      |                  |                    |                    |
|-----------|-----------------|---------------|------------------|-----|-------------------|-----------------------------|--------------------------------------|------------------|--------------------|--------------------|
| mg/L==>   | TOC             | TOC-20 wk avg | TOC-4 sample avg | TN  | TN - 2 sample avg | TOC (86% reduction)         | TOC-20 wk avg                        | TOC-4 sample avg | TN (52% reduction) | TN - 2 sample avg. |
| Limit ==> |                 |               |                  |     | 10 mg/L (DDW)     | 16 mg/L (RWQCB)             | Jul - Sept 2025 : 2.8; 2.6; 2.6 mg/L |                  |                    | 5 mg/L (RWQCB)     |
| 06/30/25  | 6.40            |               |                  | 6.2 | 6.0               | 0.90                        |                                      |                  | 3.0                | 2.9                |
| 07/03/25  | 6.53            | 7.13          | 7.32             | 5.9 | 6.1               | 0.91                        | 1.00                                 | 1.03             | 2.8                | 2.9                |
| 07/07/25  | 6.83            |               |                  | 6.4 | 6.2               | 0.96                        |                                      |                  | 3.1                | 3.0                |
| 07/10/25  | 6.67            | 7.14          | 7.17             | 5.6 | 6.0               | 0.93                        | 1.00                                 | 1.00             | 2.7                | 2.9                |
| 07/14/25  | 6.43            |               |                  | 6.5 | 6.0               | 0.90                        |                                      |                  | 3.1                | 2.9                |
| 07/17/25  | 6.37            | 7.14          | 7.09             | 5.4 | 5.9               | 0.89                        | 1.00                                 | 0.99             | 2.6                | 2.8                |
| 07/21/25  | 5.93            |               |                  | 6.2 | 5.8               | 0.83                        |                                      |                  | 3.0                | 2.8                |
| 07/24/25  | 6.33            | 7.11          | 7.04             | 5.1 | 5.7               | 0.89                        | 1.00                                 | 0.99             | 2.5                | 2.7                |
| 07/28/25  | 6.50            |               |                  | 5.6 | 5.4               | 0.91                        |                                      |                  | 2.7                | 2.6                |
| 07/31/25  | 7.00            | 7.11          | 6.99             | 4.2 | 4.9               | 0.98                        | 0.99                                 | 0.98             | 2.0                | 2.4                |
| 08/04/25  | 5.77            |               |                  | 5.7 | 4.9               | 0.81                        |                                      |                  | 2.7                | 2.4                |
| 08/07/25  | 6.50            | 7.11          | 7.25             | 5.0 | 5.3               | 0.91                        | 1.00                                 | 1.01             | 2.4                | 2.6                |
| 08/11/25  | 6.27            |               |                  | 5.6 | 5.3               | 0.88                        |                                      |                  | 2.7                | 2.6                |
| 08/14/25  | 5.83            | 7.11          | 7.49             | 5.1 | 5.4               | 0.82                        | 1.00                                 | 1.05             | 2.5                | 2.6                |
| 08/18/25  | 6.00            |               |                  | 5.8 | 5.5               | 0.84                        |                                      |                  | 2.8                | 2.6                |
| 08/21/25  | 5.63            | 7.11          | 7.20             | 5.3 | 5.5               | 0.79                        | 1.00                                 | 1.01             | 2.5                | 2.6                |
| 08/25/25  | 5.87            |               |                  | 5.8 | 5.5               | 0.82                        |                                      |                  | 2.8                | 2.7                |
| 08/28/25  | 6.30            | 7.08          | 6.61             | 5.2 | 5.5               | 0.88                        | 0.99                                 | 0.93             | 2.5                | 2.7                |
| 09/01/25  | 5.97            |               |                  | 5.6 | 5.4               | 0.84                        |                                      |                  | 2.7                | 2.6                |
| 09/04/25  | 6.66            | 7.03          | 6.53             | 4.9 | 5.2               | 0.93                        | 0.98                                 | 0.91             | 2.4                | 2.5                |
| 09/08/25  | 5.90            |               |                  | 5.3 | 5.1               | 0.83                        |                                      |                  | 2.5                | 2.4                |
| 09/11/25  | 6.07            | 6.99          | 6.66             | 4.9 | 5.1               | 0.85                        | 0.98                                 | 0.93             | 2.4                | 2.4                |
| 09/15/25  | 6.27            |               |                  | 5.4 | 5.2               | 0.88                        |                                      |                  | 2.6                | 2.5                |
| 09/18/25  | 6.17            | 6.96          | 6.97             | 4.8 | 5.1               | 0.86                        | 0.97                                 | 0.98             | 2.3                | 2.5                |
| 09/22/25  | 6.37            |               |                  | 5.5 | 5.2               | 0.89                        |                                      |                  | 2.6                | 2.5                |
| 09/25/25  | 6.27            | 6.95          | 6.90             | 5.0 | 5.2               | 0.88                        | 0.97                                 | 0.97             | 2.4                | 2.5                |
| 09/29/25  | 6.40            |               |                  | 5.4 | 5.2               | 0.90                        |                                      |                  | 2.6                | 2.5                |

\* 001B Effluent is RP-1 Recycled water that is delivered to the Ely Basins.

Title 22 §60320.118(c) Analytical results of the TOC monitoring performed pursuant to subsection (a) shall not exceed 0.5 mg/L divided by the running monthly average (RMA) RWCB based on: (1) the 20-week running average of all TOC results; and (2) the average of the last four TOC results.\* TOCavg limits are calculated and can be found in Table 2-6.

Table 2-6  
RWC, TOC Average, and TN Compliance Summary

| Basin                                    | SUP Start Date      | SUP End Date | SUP Report Submittal | RWC Limit (120-MRA) | Mos. in Operation (Sept 2025) | Month  | RWC <sub>Avg</sub> (120-MRA) | TOC <sub>Avg</sub> Limit <sup>1</sup> (mg/L) | Max TOC <sub>Avg</sub> (20-wk avg) | Max TOC <sub>Avg</sub> in mg/L (20-wk avg) Compliance | Max TOC <sub>Avg</sub> in mg/L (4-sample avg) | Max TOC <sub>Avg</sub> (4-sample avg) Compliance | Max TN in mg/L (2-sample avg) | TN 10 mg/L DDW Limit <sup>2</sup> Compliance | Recharged Water Monitoring Plan                                                                                                                                          |
|------------------------------------------|---------------------|--------------|----------------------|---------------------|-------------------------------|--------|------------------------------|----------------------------------------------|------------------------------------|-------------------------------------------------------|-----------------------------------------------|--------------------------------------------------|-------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7 <sup>th</sup> & 8 <sup>th</sup> Street | Sep-07              | Dec-10       | 05/23/11             | 50%                 | 217                           | Jul-25 | 24%                          | 2.1                                          | 0.5                                | Met                                                   | 0.5                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 93% (based on 10-year average reduction from 2014 to 2023 at 8TH-1/1) and TN reduction of 75%       |
|                                          |                     |              |                      |                     |                               | Aug-25 | 25%                          | 2.0                                          | 0.5                                | Met                                                   | 0.4                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 25%                          | 2.0                                          | 0.4                                | Met                                                   | 0.4                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |
| Banana                                   | Jul-05              | Jan-06       | 10/27/06             | 50%                 | 243                           | Jul-25 | 32%                          | 1.6                                          | 0.5                                | Met                                                   | 0.5                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 93% (based on 10-year average reduction from 2014 to 2023 at BH-1/2) and TN reduction of 47%        |
|                                          |                     |              |                      |                     |                               | Aug-25 | 32%                          | 1.6                                          | 0.5                                | Met                                                   | 0.4                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 31%                          | 1.6                                          | 0.4                                | Met                                                   | 0.4                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |
| Brooks                                   | Aug-08              | Dec-09       | 07/29/10             | 50%                 | 206                           | Jul-25 | 12%                          | 4.2                                          | 0.5                                | Met                                                   | 0.5                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 92% (based on 10-year average reduction from 2014 to 2023 at BRK-1/1) and TN reduction of 83%.      |
|                                          |                     |              |                      |                     |                               | Aug-25 | 12%                          | 4.2                                          | 0.5                                | Met                                                   | 0.5                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 12%                          | 4.2                                          | 0.5                                | Met                                                   | 0.5                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |
| Declez                                   | Dec-15              | Sep-16       | 05/21/18             | initial 20%         | 118                           | Jul-25 | 7%                           | 7.1                                          | 2.6                                | Met                                                   | 2.5                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 62% and TN reduction of 91%                                                                         |
|                                          |                     |              |                      |                     |                               | Aug-25 | 7%                           | 7.1                                          | 2.5                                | Met                                                   | 2.3                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 7%                           | 7.1                                          | 2.4                                | Met                                                   | 2.4                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |
| Ely <sup>3</sup>                         | RW initiated Sep-99 | NA           | NA                   | 50%                 | 313                           | Jul-25 | 18%                          | 2.8                                          | 1.0                                | Met                                                   | 1.0                                           | Met                                              | 6.2                           | Met                                          | Alternative monitoring: <u>Weekly</u> RP-1 RW sample with TOC reduction of 86% (based on 10-year average reduction from 2009 to 2018 at Ely MW1) and TN reduction of 52% |
|                                          |                     |              |                      |                     |                               | Aug-25 | 19%                          | 2.6                                          | 1.0                                | Met                                                   | 1.0                                           | Met                                              | 5.5                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 19%                          | 2.6                                          | 1.0                                | Met                                                   | 1.0                                           | Met                                              | 5.4                           | Met                                          |                                                                                                                                                                          |
| Hickory                                  | Sep-05              | Feb-06       | 02/15/07             | 50%                 | 241                           | Jul-25 | 13%                          | 3.8                                          | 0.5                                | Met                                                   | 0.5                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 93% (based on 10-year average reduction from 2014 to 2023 at BH-1/2) and TN reduction of 27%        |
|                                          |                     |              |                      |                     |                               | Aug-25 | 14%                          | 3.6                                          | 0.5                                | Met                                                   | 0.4                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 13%                          | 3.8                                          | 0.4                                | Met                                                   | 0.4                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |
| RP3                                      | Jun-09              | Jun-10       | 12/15/10             | 50%                 | 196                           | Jul-25 | 28%                          | 1.8                                          | 0.8                                | Met                                                   | 0.8                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 88% and TN reduction of 31%                                                                         |
|                                          |                     |              |                      |                     |                               | Aug-25 | 28%                          | 1.8                                          | 0.8                                | Met                                                   | 0.7                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 28%                          | 1.8                                          | 0.8                                | Met                                                   | 0.8                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |
| San Sevaïne 1-3                          | Aug-20              | Sep-21       | 02/08/22             | 50%                 | 62                            | Jul-25 | 17%                          | 2.9                                          | 0.5                                | Met                                                   | 0.5                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 92% and TN reduction of 34%                                                                         |
|                                          |                     |              |                      |                     |                               | Aug-25 | 17%                          | 2.9                                          | 0.5                                | Met                                                   | 0.5                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 18%                          | 2.8                                          | 0.5                                | Met                                                   | 0.5                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |
| Turner 1&2                               | Dec-06              | May-07       | 07/03/08             | 24%                 | 226                           | Jul-25 | 24%                          | 2.1                                          | 2.0                                | Met                                                   | 2.0                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 70%; TN reduction of 87%                                                                            |
|                                          |                     |              |                      |                     |                               | Aug-25 | 24%                          | 2.1                                          | 2.0                                | Met                                                   | 1.8                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 24%                          | 2.1                                          | 1.9                                | Met                                                   | 1.9                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |
| Turner 3&4                               | Dec-06              | May-07       | 07/03/08             | 45%                 | 226                           | Jul-25 | 25%                          | 2.0                                          | 1.0                                | Met                                                   | 1.0                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 85% ; TN reduction of 87%                                                                           |
|                                          |                     |              |                      |                     |                               | Aug-25 | 24%                          | 2.1                                          | 1.0                                | Met                                                   | 0.9                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 24%                          | 2.1                                          | 1.0                                | Met                                                   | 0.9                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |
| Victoria                                 | Sep-10              | Jul-11       | 02/08/12             | 50%                 | 181                           | Jul-25 | 25%                          | 2.0                                          | 0.6                                | Met                                                   | 0.6                                           | Met                                              | 6.1                           | Met                                          | Alternative monitoring: <u>Weekly</u> RW Blend with TOC reduction of 91% (based on 10-year average reduction from 2014 to 2023 at VCT-1/1) and TN reduction of 82%       |
|                                          |                     |              |                      |                     |                               | Aug-25 | 25%                          | 2.0                                          | 0.6                                | Met                                                   | 0.6                                           | Met                                              | 5.7                           | Met                                          |                                                                                                                                                                          |
|                                          |                     |              |                      |                     |                               | Sep-25 | 25%                          | 2.0                                          | 0.6                                | Met                                                   | 0.6                                           | Met                                              | 6.3                           | Met                                          |                                                                                                                                                                          |

SUP - Start-Up Period      120-MRA - The recycled water contribution (RWC) limit and the RWC avg are based on 120-month running average

TOC 20-week average and 4-sample averages are pursuant to Title 22 §60320.118(c): "Analytical results of the TOC monitoring performed pursuant to subsection (a) shall not exceed 0.5 mg/L divided by the RMA RWC"

<sup>1</sup> TOC<sub>Avg</sub> limit is 0.5 mg/L divided by the RWC<sub>Avg</sub>. Compliance is determined by checking that monthly TOC<sub>Avg</sub> does not exceed the TOC<sub>Avg</sub> limit. If the TOC<sub>Avg</sub> limit is exceeded, the monthly TOC<sub>Avg</sub> will be bolded.

<sup>2</sup> TN limit is 10 mg/L based on a two-sample average of the RW Blend and 001B Effluent.

<sup>3</sup> Ely Basin receives 001B Effluent, which is RP-1 effluent only. All other basins receive RW Blend, which is a blend of RP-1 & RP-4 recycled water.



Table 2-7a  
Diluent Water Monitoring\*: Local Runoff/ Stormwater

| Constituent                                     | Local Runoff<br>Cucamonga Creek<br>@ Turner 1&2 Basin<br>08/04/25 | Local Runoff<br>Deer Creek<br>@ Turner 3&4 Basin<br>08/04/25 | Local Runoff<br>W Cucamonga Creek<br>@ Ely Basin<br>08/25/25 | Max Level to<br>Trigger Source<br>Water Evaluation | Unit      | Method              |
|-------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------|-----------|---------------------|
| NO <sub>2</sub> -N                              | 0.17                                                              | <0.05                                                        | <0.05                                                        | 1                                                  | mg/L      | EPA 300.0           |
| NO <sub>3</sub> -N                              | 7.3                                                               | <0.1                                                         | <0.1                                                         | 10                                                 | mg/L      | EPA 300.0           |
| TDS                                             | 628                                                               | 298                                                          | 210                                                          | 1000                                               | mg/L      | SM 2540C            |
| Total Coliform                                  | 540                                                               | 170                                                          | 49                                                           | -                                                  | mpn/100ml | SM 9221B            |
| Oil & Grease                                    | 4                                                                 | 2                                                            | 2                                                            | -                                                  | mg/L      | EPA 1664A           |
| Inorganic Chemicals                             |                                                                   |                                                              |                                                              |                                                    |           |                     |
| Aluminum                                        | 30                                                                | 202                                                          | 78                                                           | 1000                                               | µg/L      | EPA 200.7           |
| Antimony                                        | <1                                                                | <1                                                           | <1                                                           | 6                                                  | µg/L      | EPA 200.8           |
| Arsenic                                         | <2                                                                | <2                                                           | <2                                                           | 10                                                 | µg/L      | EPA 200.8           |
| Asbestos                                        | <0.2                                                              | <1                                                           | <1                                                           | 7                                                  | MFL       | EPA 100.2           |
| Barium                                          | 75                                                                | 48                                                           | 25                                                           | 1000                                               | µg/L      | EPA 200.8           |
| Beryllium                                       | <0.5                                                              | <0.5                                                         | <0.5                                                         | 4                                                  | µg/L      | EPA 200.8           |
| Cadmium                                         | <0.25                                                             | <0.25                                                        | <0.25                                                        | 5                                                  | µg/L      | EPA 200.8           |
| Chromium                                        | <2                                                                | <2                                                           | 2                                                            | 50                                                 | µg/L      | EPA 200.8           |
| Chromium VI                                     | 1                                                                 | 1                                                            | 1                                                            | 10                                                 | µg/L      | EPA 218.6           |
| Cyanide                                         | <20                                                               | <20                                                          | <20                                                          | 150                                                | µg/L      | ASTM D7284/OIA-1677 |
| Fluoride                                        | 0.3                                                               | 0.2                                                          | 0.4                                                          | 2                                                  | mg/L      | SM 4500-F C         |
| Mercury                                         | <0.5                                                              | <0.5                                                         | <0.5                                                         | 2                                                  | µg/L      | EPA 245.2           |
| Nickel                                          | 3                                                                 | 2                                                            | 3                                                            | 100                                                | µg/L      | EPA 200.8           |
| Perchlorate                                     | <1                                                                | <1                                                           | 2                                                            | 6                                                  | µg/L      | EPA 314             |
| Selenium                                        | <2                                                                | <2                                                           | <2                                                           | 50                                                 | µg/L      | EPA 200.8           |
| Thallium                                        | <1                                                                | <1                                                           | <1                                                           | 2                                                  | µg/L      | EPA 200.8           |
| Volatile Organic Chemicals (VOCs)               |                                                                   |                                                              |                                                              |                                                    |           |                     |
| Benzene                                         | <0.5                                                              | <0.5                                                         | <0.5                                                         | 1                                                  | µg/L      | EPA 524.2           |
| Carbon Tetrachloride                            | <0.5                                                              | <0.5                                                         | <0.5                                                         | 0.5                                                | µg/L      | EPA 524.2           |
| 1,2-Dichlorobenzene                             | <0.5                                                              | <0.5                                                         | <0.5                                                         | 600                                                | µg/L      | EPA 524.2           |
| 1,4-Dichlorobenzene                             | <0.5                                                              | <0.5                                                         | <0.5                                                         | 5                                                  | µg/L      | EPA 524.2           |
| 1,1-Dichloroethane                              | <0.5                                                              | <0.5                                                         | <0.5                                                         | 5                                                  | µg/L      | EPA 524.2           |
| 1,2-Dichloroethane                              | <0.5                                                              | <0.5                                                         | <0.5                                                         | 0.5                                                | µg/L      | EPA 524.2           |
| 1,1-Dichloroethylene                            | <0.5                                                              | <0.5                                                         | <0.5                                                         | 6                                                  | µg/L      | EPA 524.2           |
| cis-1,2-Dichloroethylene                        | <0.5                                                              | <0.5                                                         | <0.5                                                         | 6                                                  | µg/L      | EPA 524.2           |
| trans-1,2-Dichloroethylene                      | <0.5                                                              | <0.5                                                         | <0.5                                                         | 10                                                 | µg/L      | EPA 524.2           |
| Dichloromethane                                 | <0.5                                                              | <0.5                                                         | <0.5                                                         | 5                                                  | µg/L      | EPA 524.2           |
| 1,2-Dichloropropane                             | <0.5                                                              | <0.5                                                         | <0.5                                                         | 5                                                  | µg/L      | EPA 524.2           |
| 1,3-Dichloropropene                             | <0.5                                                              | <0.5                                                         | <0.5                                                         | 0.5                                                | µg/L      | EPA 524.2           |
| Ethylbenzene                                    | <0.5                                                              | <0.5                                                         | <0.5                                                         | 300                                                | µg/L      | EPA 524.2           |
| Chlorobenzene                                   | <0.5                                                              | <0.5                                                         | <0.5                                                         | 70                                                 | µg/L      | EPA 524.2           |
| Methyl Tert-butyl ether (MTBE)                  | <0.5                                                              | <0.5                                                         | <0.5                                                         | 13                                                 | µg/L      | EPA 524.2           |
| Styrene                                         | <0.5                                                              | <0.5                                                         | <0.5                                                         | 100                                                | µg/L      | EPA 524.2           |
| 1,1,2,2-Tetrachloroethane                       | <0.5                                                              | <0.5                                                         | <0.5                                                         | 1                                                  | µg/L      | EPA 524.2           |
| Tetrachloroethylene                             | <0.5                                                              | <0.5                                                         | <0.5                                                         | 5                                                  | µg/L      | EPA 524.2           |
| Toluene                                         | <0.5                                                              | <0.5                                                         | <0.5                                                         | 150                                                | µg/L      | EPA 524.2           |
| 1,2,4-Trichlorobenzene                          | <0.5                                                              | <0.5                                                         | <0.5                                                         | 5                                                  | µg/L      | EPA 524.2           |
| 1,1,1-Trichloroethane                           | <0.5                                                              | <0.5                                                         | <0.5                                                         | 200                                                | µg/L      | EPA 524.2           |
| 1,1,2-Trichloroethane                           | <0.5                                                              | <0.5                                                         | <0.5                                                         | 5                                                  | µg/L      | EPA 524.2           |
| Trichloroethylene                               | <0.5                                                              | <0.5                                                         | <0.5                                                         | 5                                                  | µg/L      | EPA 524.2           |
| Trichlorofluoromethane                          | <0.5                                                              | <0.5                                                         | <0.5                                                         | 150                                                | µg/L      | EPA 524.2           |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane           | <0.5                                                              | <0.5                                                         | <0.5                                                         | 1200                                               | µg/L      | EPA 524.2           |
| Vinyl Chloride                                  | <0.5                                                              | <0.5                                                         | <0.5                                                         | 0.5                                                | µg/L      | EPA 524.2           |
| Total Xylenes                                   | <0.5                                                              | <0.5                                                         | <0.5                                                         | 1750                                               | µg/L      | EPA 524.2           |
| 1,2,3-Trichloropropane                          | <0.001                                                            | <0.001                                                       | <0.001                                                       | 0.005                                              | µg/L      | CASRL 524M-TCP      |
| Non-Volatile Synthetic Organic Chemicals (SOCs) |                                                                   |                                                              |                                                              |                                                    |           |                     |
| Alachlor (Alanex)                               | <0.1                                                              | <0.1                                                         | <0.1                                                         | 2                                                  | µg/L      | EPA 505/508.1       |
| Atrazine                                        | <0.5                                                              | <0.5                                                         | <0.5                                                         | 1                                                  | µg/L      | EPA 525.2           |
| Bentazon                                        | <2                                                                | <2                                                           | <2                                                           | 18                                                 | µg/L      | EPA 515.4           |
| Benzo(a)pyrene                                  | <0.1                                                              | <0.1                                                         | <0.1                                                         | 0.2                                                | µg/L      | EPA 525.2           |
| Carbofuran                                      | <2                                                                | <2                                                           | <2                                                           | 18                                                 | µg/L      | EPA 531.2           |
| Chlordane                                       | <0.5                                                              | <0.5                                                         | <2                                                           | 0.1                                                | µg/L      | EPA 505/508.1       |
| 2,4-D                                           | <0.4                                                              | <0.4                                                         | <0.4                                                         | 70                                                 | µg/L      | EPA 515.4           |
| Dalapon                                         | 3.2                                                               | <0.4                                                         | <0.4                                                         | 200                                                | µg/L      | EPA 515.4           |
| Dibromochloropropane                            | <0.01                                                             | <0.01                                                        | <0.01                                                        | 0.2                                                | µg/L      | EPA 504.1/EPA 524.3 |
| Di(2-ethylhexyl)adipate                         | <0.5                                                              | <0.5                                                         | <0.5                                                         | 400                                                | µg/L      | EPA 525.2           |
| Di(2-ethylhexyl)phthalate                       | <0.5                                                              | <0.5                                                         | <0.5                                                         | 4                                                  | µg/L      | EPA 525.2           |
| Dinoseb                                         | <0.4                                                              | <0.4                                                         | <0.4                                                         | 7                                                  | µg/L      | EPA 515.4           |
| Diquat                                          | <3.6                                                              | <3.6                                                         | <3.5                                                         | 20                                                 | µg/L      | EPA 549.2           |
| Endothall                                       | <20                                                               | <20                                                          | <20                                                          | 100                                                | µg/L      | EPA 548.1           |
| Endrin                                          | <0.05                                                             | <0.05                                                        | <0.2                                                         | 2                                                  | µg/L      | EPA 505/508.1       |
| Ethylene Dibromide                              | <0.02                                                             | <0.02                                                        | 0.02                                                         | 0.05                                               | µg/L      | EPA 504.1           |
| Glyphosate                                      | <25                                                               | <25                                                          | <25                                                          | 700                                                | µg/L      | EPA 547             |
| Heptachlor                                      | <0.05                                                             | <0.05                                                        | <0.2                                                         | 0.01                                               | µg/L      | EPA 505/508.1       |
| Heptachlor Epoxide                              | <0.05                                                             | <0.05                                                        | <0.2                                                         | 0.01                                               | µg/L      | EPA 505/508.1       |
| Hexachlorobenzene                               | <0.5                                                              | <0.5                                                         | <0.5                                                         | 1                                                  | µg/L      | EPA 525.2/EPA508.1  |
| Hexachlorocyclopentadiene                       | <0.5                                                              | <0.5                                                         | <0.5                                                         | 50                                                 | µg/L      | EPA 525.2/EPA508.1  |
| Lindane                                         | <0.05                                                             | <0.05                                                        | <0.2                                                         | 0.2                                                | µg/L      | EPA 505/508.1       |
| Methoxychlor                                    | <0.05                                                             | <0.05                                                        | <0.2                                                         | 30                                                 | µg/L      | EPA 505/508.1       |
| Molinate                                        | <0.5                                                              | <0.5                                                         | <0.5                                                         | 20                                                 | µg/L      | EPA 525.2           |

Table 2-7a  
Diluent Water Monitoring\*: Local Runoff/ Stormwater

| Constituent                                   | Local Runoff<br>Cucamonga Creek<br>@ Turner 1&2 Basin<br>08/04/25 | Local Runoff<br>Deer Creek<br>@ Turner 3&4 Basin<br>08/04/25 | Local Runoff<br>W Cucamonga Creek<br>@ Ely Basin<br>08/25/25 | Max Level to<br>Trigger Source<br>Water Evaluation | Unit  | Method             |
|-----------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------|-------|--------------------|
| Oxamyl                                        | <2                                                                | <2                                                           | <2                                                           | 50                                                 | µg/L  | EPA 531.2          |
| Pentachlorophenol                             | <0.2                                                              | <0.2                                                         | <0.2                                                         | 1                                                  | µg/L  | EPA 515.4          |
| Picloram                                      | <0.6                                                              | <0.6                                                         | <0.6                                                         | 500                                                | µg/L  | EPA 515.4          |
| PCB 1016                                      | <2.5                                                              | <2.5                                                         | <4                                                           | 0.5                                                | µg/L  | EPA 505/508.1      |
| PCB 1221                                      | <2.5                                                              | <2.5                                                         | <4                                                           | 0.5                                                | µg/L  | EPA 505/508.1      |
| PCB 1232                                      | <2.5                                                              | <2.5                                                         | <4                                                           | 0.5                                                | µg/L  | EPA 505/508.1      |
| PCB 1242                                      | <2.5                                                              | <2.5                                                         | <4                                                           | 0.5                                                | µg/L  | EPA 505/508.1      |
| PCB 1248                                      | <2.5                                                              | <2.5                                                         | <4                                                           | 0.5                                                | µg/L  | EPA 505/508.1      |
| PCB 1254                                      | <2.5                                                              | <2.5                                                         | <4                                                           | 0.5                                                | µg/L  | EPA 505/508.1      |
| PCB 1260                                      | <2.5                                                              | <2.5                                                         | <4                                                           | 0.5                                                | µg/L  | EPA 505/508.1      |
| Simazine                                      | <0.5                                                              | <0.5                                                         | <0.5                                                         | 4                                                  | µg/L  | EPA 525.2          |
| Thiobencarb                                   | <0.5                                                              | <0.5                                                         | <0.5                                                         | 70                                                 | µg/L  | EPA 525.2          |
| Toxaphene                                     | <5                                                                | <5                                                           | <20                                                          | 3                                                  | µg/L  | EPA 505/508.1      |
| 2,3,7,8-TCDD (Dioxin)                         | <25                                                               | <25                                                          | <250                                                         | 30                                                 | pg/L  | EPA 1613           |
| 2,4,5-TP (Silvex)                             | <0.2                                                              | <0.2                                                         | <0.2                                                         | 50                                                 | µg/L  | EPA 515.4          |
| Disinfection Byproducts                       |                                                                   |                                                              |                                                              |                                                    |       |                    |
| Total Trihalomethanes (TTHMs)                 | <0.5                                                              | <0.5                                                         | <0.5                                                         | 80                                                 | µg/L  | EPA 524.2/624      |
| Total Haloacetic Acids (HAA5)                 | 250                                                               | 1                                                            | 0                                                            | 60                                                 | µg/L  | SM 6251B/EPA 552.3 |
| Bromate                                       | <0.005                                                            | <0.005                                                       | <0.005                                                       | 10                                                 | µg/L  | EPA 300.1/317      |
| Chlorite                                      | <0.01                                                             | <0.01                                                        | <0.01                                                        | 1                                                  | mg/L  | EPA 300.0          |
| Action Level Chemicals                        |                                                                   |                                                              |                                                              |                                                    |       |                    |
| Copper                                        | 7                                                                 | 13                                                           | 6                                                            | 1300                                               | µg/L  | EPA 200.8          |
| Lead                                          | <0.5                                                              | <0.5                                                         | <0.5                                                         | 15                                                 | µg/L  | EPA 200.8          |
| Radionuclides                                 |                                                                   |                                                              |                                                              |                                                    |       |                    |
| Combined Radium-226 & Radium 228              | <3                                                                | <3                                                           | <3                                                           | 5                                                  | pCi/L | EPA 903.0          |
| Gross Alpha Particle Activity                 | <3                                                                | <3                                                           | <3                                                           | 15                                                 | pCi/L | EPA 900.0/SM7110C  |
| Tritium                                       | <300                                                              | <300                                                         | <300                                                         | 20,000                                             | pCi/L | EPA 906.0          |
| Strontium-90                                  | <3                                                                | <3                                                           | <3                                                           | 8                                                  | pCi/L | EPA 905.0          |
| Gross Beta Particle Activity                  | 8                                                                 | 4                                                            | 3                                                            | 50                                                 | pCi/L | EPA 900.0          |
| Uranium                                       | 2                                                                 | <1                                                           | <1                                                           | 20                                                 | pCi/L | EPA 200.8          |
| Chemicals w/ State Notification Levels        |                                                                   |                                                              |                                                              |                                                    |       |                    |
| Boron                                         | 0.5                                                               | <0.1                                                         | <0.1                                                         | 1                                                  | mg/L  | EPA 200.7          |
| n-butylbenzene                                | <0.5                                                              | <0.5                                                         | <0.5                                                         | 260                                                | µg/L  | EPA 524.2          |
| sec-butylbenzene                              | <0.5                                                              | <0.5                                                         | <0.5                                                         | 260                                                | µg/L  | EPA 524.2          |
| tert-butylbenzene                             | <0.5                                                              | <0.5                                                         | <0.5                                                         | 260                                                | µg/L  | EPA 524.2          |
| Carbon disulfide                              | <0.5                                                              | <0.5                                                         | <0.5                                                         | 160                                                | µg/L  | EPA 524.2          |
| Chlorate                                      | <b>3415</b>                                                       | 131                                                          | 55                                                           | 800                                                | µg/L  | EPA 300.0          |
| 2-Chlorotoluene                               | <0.5                                                              | <0.5                                                         | <0.5                                                         | 140                                                | µg/L  | EPA 524.2          |
| 4-Chlorotoluene                               | <0.5                                                              | <0.5                                                         | <0.5                                                         | 140                                                | µg/L  | EPA 524.2          |
| Diazinon                                      | <0.5                                                              | <0.5                                                         | <0.5                                                         | 1.2                                                | µg/L  | EPA 525.2          |
| Dichlorodifluoromethane (Freon 12)            | <0.5                                                              | <0.5                                                         | <0.5                                                         | 1000                                               | µg/L  | EPA 524.2          |
| 1,4 - Dioxane                                 | <15                                                               | <15                                                          | <b>20</b>                                                    | 1                                                  | µg/L  | EPA 522            |
| Ethylene glycol                               | <20                                                               | <20                                                          | <10                                                          | 14                                                 | mg/L  | EPA 8015B/504.1    |
| Formaldehyde                                  | 13                                                                | 13                                                           | 16                                                           | 100                                                | µg/L  | EPA 556            |
| HMX                                           | <50                                                               | <50                                                          | <20                                                          | 350                                                | µg/L  | EPA 8330A          |
| Isopropylbenzene                              | <0.5                                                              | <0.5                                                         | <0.5                                                         | 770                                                | µg/L  | EPA 524.2          |
| Manganese                                     | 2                                                                 | 9                                                            | 5                                                            | 500                                                | µg/L  | EPA 200.8          |
| Methyl isobutyl ketone (MIBK)                 | <2                                                                | <2                                                           | <2                                                           | 120                                                | µg/L  | EPA 524.2          |
| Naphthalene                                   | <0.5                                                              | <0.5                                                         | <0.5                                                         | 17                                                 | µg/L  | EPA 524.2          |
| N-Nitrosodiethylamine (NDEA)                  | <2                                                                | <2                                                           | <2                                                           | 10                                                 | ng/L  | EPA 521            |
| N-nitrosodimethylamine (NDMA)                 | <2                                                                | <2                                                           | <2                                                           | 10                                                 | ng/L  | EPA 521            |
| N-Nitrosodi-n-propylamine (NDPA)              | <2                                                                | <2                                                           | <2                                                           | 10                                                 | ng/L  | EPA 521            |
| PFOS                                          | <b>4.7</b>                                                        | <b>4.3</b>                                                   | <b>8.8</b>                                                   | 4.0** / 5.1 (NL)                                   | ng/L  | EPA 537.1          |
| PFOA                                          | <b>9.9</b>                                                        | <b>6.8</b>                                                   | <b>16.1</b>                                                  | 4.0** / 5.1 (NL)                                   | ng/L  | EPA 537.1          |
| Propachlor                                    | <0.5                                                              | <0.5                                                         | <0.5                                                         | 90                                                 | µg/L  | EPA 525.2          |
| N-propylbenzene                               | <0.5                                                              | <0.5                                                         | <0.5                                                         | 200                                                | µg/L  | EPA 524.2          |
| RDX                                           | <50                                                               | <50                                                          | <50                                                          | 0.3                                                | µg/L  | EPA 8330A          |
| Tertiary butyl alcohol                        | <0.5                                                              | <0.5                                                         | <0.5                                                         | 12                                                 | µg/L  | EPA 524.2          |
| 1,2,4 -trimethylbenzene                       | <0.5                                                              | <0.5                                                         | <0.5                                                         | 330                                                | µg/L  | EPA 524.2          |
| 1,3,5-trimethylbenzene                        | <0.5                                                              | <0.5                                                         | <0.5                                                         | 330                                                | µg/L  | EPA 524.2          |
| 2,4,6-Trinitrotoluene                         | <50                                                               | <50                                                          | <20                                                          | 1                                                  | µg/L  | EPA 8330A          |
| Vanadium                                      | 16                                                                | 19                                                           | 26                                                           | 50                                                 | µg/L  | EPA 200.8          |
| Secondary Maximum Contaminant Level Chemicals |                                                                   |                                                              |                                                              |                                                    |       |                    |
| Aluminum                                      | 30                                                                | 202                                                          | 78                                                           | 200                                                | µg/L  | EPA 200.8          |
| Corrosivity                                   | 1.4                                                               | 2.6                                                          | 1.8                                                          | Non-Cor.                                           | SI    | SM 2330B           |
| Foaming Agents (MBAS)                         | <0.1                                                              | <0.1                                                         | <0.1                                                         | 0.5                                                | mg/L  | SM 5540C/EPA 425.1 |
| Iron                                          | 44                                                                | 276                                                          | 125                                                          | 300                                                | µg/L  | EPA 200.7          |
| Manganese                                     | 2                                                                 | 9                                                            | 5                                                            | 50                                                 | µg/L  | EPA 200.7          |
| Odor--Threshold                               | 3                                                                 | 3                                                            | <b>4</b>                                                     | 3                                                  | TON   | SM 2150B           |
| Silver                                        | <0.25                                                             | <0.25                                                        | <0.25                                                        | 100                                                | µg/L  | EPA 200.7          |
| Thiobencarb                                   | <0.5                                                              | <0.5                                                         | <0.5                                                         | 1                                                  | µg/L  | EPA 525.2          |
| Zinc                                          | 4                                                                 | 15                                                           | 15                                                           | 5000                                               | µg/L  | EPA 200.7          |

\* Diluent monitoring is monitored per the schedule identified in the CDPH-approved Diluent Water Monitoring Plan

\*\* New Federal MCL effective June 25, 2024 are italicized

NA: Not available at time of reporting

**Bold & yellow highlight signifies an exceedance of the maximum level to trigger a source water evaluation.**

Table 2-7b  
Diluent Water Monitoring: State Water Project - Silverwood Lake

| Constituent                           | Jan-25 | Feb-25 | Mar-25 | Apr-25 | May-25 | Jun-25 | Jul-25 | Aug-25 | Sep-25 | Oct-25 | Nov-25 | Dec-25 | Unit    |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Silica                                | 10.4   | 9.4    | 8.8    | 7.8    | 7.0    | 6.2    | 9.6    | 10.6   | 11.0   |        |        |        | mg/L    |
| Calcium                               | 17     | 17     | 18     | 20     | 19     | 20     | 19     | 18     | 15     |        |        |        | mg/L    |
| Magnesium                             | 10     | 10     | 11     | 11     | 11     | 11     | 11     | 10     | 8      |        |        |        | mg/L    |
| Sodium                                | 37     | 40     | 43     | 41     | 38     | 42     | 41     | 36     | 25     |        |        |        | mg/L    |
| Potassium                             | 2.3    | 2.5    | 2.6    | 2.6    | 2.5    | 2.8    | 2.8    | 2.5    | 1.9    |        |        |        | mg/L    |
| Carbonate                             | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |        |        |        | mg/L    |
| Bicarbonate                           | 85     | 87     | 90     | 96     | 95     | 94     | 94     | 89     | 81     |        |        |        | mg/L    |
| Sulfate                               | 22     | 23     | 25     | 29     | 31     | 33     | 32     | 25     | 1      |        |        |        | mg/L    |
| Chloride                              | 50     | 57     | 61     | 53     | 46     | 55     | 55     | 45     | 32     |        |        |        | mg/L    |
| Nitrate                               | 1.4    | 1.4    | 1.4    | 1.0    | 0.9    | 0.4    | 1.0    | 0.5    | 0.3    |        |        |        | mg/L    |
| Fluoride                              | <0.1   | <0.1   | <0.1   | <0.1   | <0.1   | <0.1   | <0.1   | <0.1   | <0.1   |        |        |        | mg/L    |
| Total Dissolved Solids                | 192    | 204    | 216    | 213    | 203    | 217    | 218    | 192    | 150    |        |        |        | mg/L    |
| Total Hardness as CaCO <sub>3</sub>   | 81     | 85     | 90     | 103    | 94     | 95     | 100    | 88     | 74     |        |        |        | mg/L    |
| Total Alkalinity as CaCO <sub>3</sub> | 70     | 71     | 74     | 79     | 78     | 77     | 77     | 73     | 66     |        |        |        | mg/L    |
| Free Carbon Dioxide                   | 2.5    | 1.9    | 1.8    | 1.0    | 1.8    | 0.9    | 2.1    | 1.3    | 1.7    |        |        |        | mg/L    |
| pH                                    | 7.76   | 7.88   | 7.92   | 8.20   | 7.95   | 8.25   | 7.88   | 8.07   | 7.89   |        |        |        | unit    |
| Specific Conductance                  | 353    | 380    | 401    | 369    | 372    | 404    | 402    | 354    | 268    |        |        |        | µmho/cm |
| Color                                 | 5      | --     | --     | 10     | --     | --     | 10     | --     | --     |        |        |        | CU      |
| Turbidity                             | 1.00   | 0.75   | 1.70   | 1.20   | 1.20   | 0.72   | 0.99   | 1.5    | 1.2    |        |        |        | NTU     |
| Temperature                           | 11     | 9      | 10     | 13     | 16     | 20     | 23     | 23     | 25     |        |        |        | °C      |
| Bromide                               | 0.16   | 0.18   | 0.19   | 0.15   | 0.13   | 0.16   | 0.15   | 0.13   | 0.09   |        |        |        | mg/L    |
| Total Organic Carbon                  | 2.87   | 2.95   | 3.44   | 4.00   | 4.56   | 4.10   | 3.78   | 3.72   | 3.00   |        |        |        | mg/L    |

Table 2-8  
Summary of Wells in Groundwater Monitoring Networks

| BASIN                      | CBWM_ID                            | OWNER/LOCAL NAME                                     | SEPARATION DISTANCE<br>(feet) | SCREENED INTERVAL(S)<br>(feet bgs)               | CASING<br>DIAMETER<br>(inches) | STATUS | TYPE               |
|----------------------------|------------------------------------|------------------------------------------------------|-------------------------------|--------------------------------------------------|--------------------------------|--------|--------------------|
| Hickory and Banana Basins  | 600490                             | Fontana Water Company - F7a <sup>3</sup>             | 3330 upgradient               | 590-1000                                         | 18                             | Active | Municipal          |
|                            | --                                 | Fontana Water Company - F7b <sup>5</sup>             | 3100 upgradient               | 600-990                                          | 20                             | Active | Municipal          |
|                            | 600660                             | California Speedway - Infield Well                   | 2070 downgradient             | NA                                               | NA                             | Active | Industrial         |
|                            | 3601365                            | California Speedway 2                                | 2780 downgradient             | 451-455, 491-603, &<br>664-780                   | 20                             | Active | Industrial         |
|                            | 3600371                            | Reliant Energy - East Well                           | 4070 downgradient             | 434-467, 500-513, 553-580,<br>593-652, & 825-847 | 20                             | Active | Industrial         |
|                            | 601002                             | Inland Empire Utilities Agency - BH-1/2              | 340 downgradient              | 435-475                                          | 4                              | Active | Monitoring         |
|                            | --                                 | Inland Empire Utilities Agency - BH-2/1 <sup>6</sup> | 4635 downgradient             | 560-600                                          | 4                              | Active | Monitoring         |
| Turner Basins              | 600453                             | City Of Ontario - 29                                 | 2810 downgradient             | 400-1095                                         | 18                             | Active | Municipal          |
|                            | 600585                             | City of Ontario - 38 <sup>1</sup>                    | 4600 crossgradient            | 500-1010                                         | 16                             | Active | Municipal          |
|                            | 600998                             | Inland Empire Utilities Agency - T-1/2               | 50 downgradient               | 380-400                                          | 4                              | Active | Monitoring         |
|                            | 601000                             | Inland Empire Utilities Agency - T-2/2               | 50 downgradient               | 392-412                                          | 4                              | Active | Monitoring         |
| Declez Basin               | 300208                             | Jurupa Community Services District - 19              | 8900 downgradient             | 230-390                                          | 18                             | Active | Municipal          |
|                            | 300207                             | Jurupa Community Services District - 17              | 5240 downgradient             | 259-290, & 300-400                               | NA                             | Active | Municipal          |
|                            | 300200                             | Jurupa Community Services District - 13              | 5730 downgradient             | 220-446                                          | 16-34                          | Active | Municipal          |
|                            | 300484                             | Inland Empire Utilities Agency - DCZ-1/1             | 50 downgradient               | 155-175                                          | 4                              | Active | Monitoring         |
|                            | --                                 | Inland Empire Utilities Agency - DCZ-2               | 4,100 downgradient            | 240-270                                          | 4                              | Active | Monitoring         |
| RP3 Basins                 | 600492                             | Fontana Water Company - F23a                         | 7900 upgradient               | 450-740                                          | 18                             | Active | Municipal          |
|                            | 600477                             | Inland Empire Utilities Agency - Southridge JHS      | 5500 downgradient             | NA                                               | NA                             | Active | Monitoring         |
|                            | 600848                             | Alcoa - Offsite MW1                                  | 9480 downgradient             | NA                                               | NA                             | Active | Monitoring         |
|                            | 600850                             | Alcoa - Offsite MW3                                  | 4725 downgradient             | NA                                               | NA                             | Active | Monitoring         |
|                            | 601040                             | Inland Empire Utilities Agency - RP3-1/1             | 100 downgradient              | 215-235                                          | 4                              | Active | Monitoring         |
| Jurupa Basin               | Not currently planned for recharge |                                                      |                               |                                                  |                                |        |                    |
| 7th & 8th Street<br>Basins | 600493                             | City of Ontario No. 35                               | 9695 downgradient             | 580-1020                                         | 18-36                          | Active | Municipal          |
|                            | 601036                             | Inland Empire Utilities Agency - 8TH-1/1             | 150 downgradient              | 495-535                                          | 4                              | Active | Monitoring         |
|                            | 601037                             | Inland Empire Utilities Agency - 8TH-1/2             | 150 downgradient              | 595-645                                          | 4                              | Active | Monitoring         |
|                            | 601038                             | Inland Empire Utilities Agency - 8TH-2/1             | 2460 downgradient             | 465-505                                          | 4                              | Active | Monitoring         |
|                            | 601039                             | Inland Empire Utilities Agency - 8TH-2/2             | 2460 downgradient             | 576-616                                          | 4                              | Active | Monitoring         |
| Brooks Basins              | 1901719                            | City of Pomona P-10                                  | 1983 downgradient             | 295-784                                          | 20                             | Active | Municipal          |
|                            | 1904001                            | City of Pomona P-34                                  | 2550 downgradient             | 363-367,380-400, 419-427                         | 20                             | Active | Municipal          |
|                            | 601050                             | Inland Empire Utilities Agency - BRK-1/1             | 144 downgradient              | 310-350                                          | 4                              | Active | Monitoring         |
|                            | 601051                             | Inland Empire Utilities Agency - BRK-1/2             | 144 downgradient              | 520-560                                          | 4                              | Active | Monitoring         |
|                            | 601048                             | Inland Empire Utilities Agency - BRK-2/1             | 1305 downgradient             | 320-360                                          | 4                              | Active | Monitoring         |
|                            | 601049                             | Inland Empire Utilities Agency - BRK-2/2             | 1305 downgradient             | 560-600                                          | 4                              | Active | Monitoring         |
| San Sevaine<br>Basins      | 600905                             | Cucamonga Valley Water District No. 39               | 8300-13170 downgradient       | 750-870, 940-960,<br>970-1060, & 1080-1130,      | 20                             | Active | Municipal          |
|                            | 601115                             | Inland Empire Utilities Agency - SS-1/1              | ~39-116 downgradient          | 640-680                                          | 4                              | Active | Monitoring         |
|                            | --                                 | Inland Empire Utilities Agency - SSV-2               | 200 downgradient              | 370-395                                          | 4                              | Active | Monitoring         |
|                            | 600462                             | Unitex 91090                                         | ~1601 downgradient            | NA                                               | NA                             | Active | Private Domestic   |
| Victoria Basin             | 600905                             | Cucamonga Valley Water District No. 39               | 4329 downgradient             | 750-870, 940-960,<br>970-1060, & 1080-1130,      | 20                             | Active | Municipal          |
|                            | 601033                             | Cucamonga Valley Water District No. 43 <sup>2</sup>  | 8300 downgradient             | 650-800                                          | 32-42                          | Active | Municipal          |
|                            | 601117                             | Inland Empire Utilities Agency - VCT-1/1             | ~39-116 downgradient          | 570-610                                          | 4                              | Active | Monitoring         |
|                            | --                                 | Inland Empire Utilities Agency - VCT-2/2             | ~ 2000 downgradient           | 570-610                                          | 4                              | Active | Monitoring         |
| Ely Basin                  | --                                 | Inland Empire Utilities Agency - Ely-3 <sup>4</sup>  | 100 downgradient              | 246-306                                          | 4                              | Active | Monitoring         |
|                            | 601004                             | Ely Basin MW-2, Walnut Well (Casing 2)               | 3050 downgradient             | 290 - 310                                        | 4                              | Active | Monitoring         |
|                            | 3600975                            | Riverside Drive Well (43840-CWW)                     | 6046 downgradient             | NA                                               | NA                             | Active | Private Irrigation |
|                            | 600134                             | Bishop Of San Bernardino Corp. - DOM                 | 6500 downgradient             | NA                                               | NA                             | Active | Private Domestic   |

Notes:

- NA = Data not available  
CBWM ID = Chino Basin Water Master well identification number  
bgs = below ground surface  
<sup>1</sup> = Ontario Well No. 38 replaced Ontario Well No. 19, which is inactive  
<sup>2</sup> = Cucamonga Valley Water District No. 43 replaced CVWD Well Nos. 35 & 36, which are inactive.  
<sup>3</sup> = Fontana Water Company Well 7A replaced Fontana Water Company Well 37A (1Q18)  
<sup>4</sup> = Inland Empire Utilities Agency Ely-3 replaced Ely Basin MW-1, Philadelphia Well (Casing 3)  
<sup>5</sup> = Fontana Water Company Well 7B sampled when Fontana Water Company Well 7A is out of service  
<sup>6</sup> = Inland Empire Utilities Agency BH-2/1 replaced Reliant Energy, East Well

Table 2-9a  
Groundwater Monitoring Well Results (Quarterly)

|                        | Sample Location                     | Date     | TOC (mg/L) | Total Coliform (MPN/100mL) | pH      | EC (µmho/cm) | Al (µg/L) | Color (units) | Cu (µg/L) | Corrosivity Index (SI) | Foaming Agents (mg/L) | Fe (µg/L) | Mn (µg/L) | MTBE (µg/L) | Odor Threshold (TON) | Ag (µg/L) | Thiocarb (µg/L) | Turbidity (NTU) | Zn (µg/L) | TDS (mg/L) | Cl (mg/L) | Hardness (mg CaCO <sub>3</sub> /L) | Na (mg/L) | SO <sub>4</sub> (mg/L) | Nitrogen, Total (mg/L) | NO <sub>3</sub> -N (mg/L) | NO <sub>3</sub> -N (mg/L) | Dissolved Oxygen (mg/L) |
|------------------------|-------------------------------------|----------|------------|----------------------------|---------|--------------|-----------|---------------|-----------|------------------------|-----------------------|-----------|-----------|-------------|----------------------|-----------|-----------------|-----------------|-----------|------------|-----------|------------------------------------|-----------|------------------------|------------------------|---------------------------|---------------------------|-------------------------|
| Banana & Hickory       | Fontana Water Co. - F7a             | 07/16/25 | <0.3       | <1.1                       | 7.8     | 356          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | <1        | <0.5        | <1                   | 0.80      | <0.5            | 0.4             | <2        | 232        | 8         | 153                                | 19        | 15                     | 3.0                    | <0.05                     | 3.0                       | 8.0                     |
|                        | California Speedway 2               | 07/16/25 | <0.3       | 19                         | 7.7     | 424          | <25       | <5            | <3        | 0.2                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.2             | <2        | 256        | 18        | 179                                | 19        | 20                     | 6.0                    | <0.05                     | 6.0                       | 7.8                     |
|                        | BH-1/2*                             | 08/11/25 | <0.3       | <1.1                       | 7.7     | 500          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.5             | <2        | 326        | 50        | 202                                | 24        | 30                     | 1.0                    | <0.05                     | 1.0                       | 7.5                     |
|                        | BH-2/1*                             | 08/07/25 | <0.3       | <1.1                       | 7.5     | 570          | <25       | <5            | <3        | 0.1                    | <0.1                  | <15       | 2         | <0.5        | <1                   | <0.25     | <0.5            | <0.1            | 3         | 382        | 74        | 232                                | 21        | 29                     | 3.9                    | <0.05                     | 3.9                       | 7.5                     |
| Turner                 | Ontario Well No. 29                 | 07/23/25 | <0.3       | <1.1                       | 7.9     | 344          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.1             | <2        | 236        | 9         | 134                                | 23        | 14                     | 1.6                    | <0.05                     | 1.6                       | 8.4                     |
|                        | Ontario Well No. 38                 | 07/23/25 | <0.3       | <1.1                       | 7.9     | 321          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.1             | <2        | 212        | 7         | 127                                | 20        | 10                     | 1.7                    | <0.05                     | 1.7                       | 9.1                     |
|                        | T-1/2*                              | 07/30/25 | <0.3       | <1.1                       | 7.6     | 409          | <25       | <5            | <3        | -0.1                   | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.1             | <2        | 254        | 46        | 111                                | 43        | 12                     | <0.6                   | <0.05                     | <0.1                      | 3.3                     |
|                        | T-2/2*                              | 07/22/25 | 0.5        | <1.1                       | 7.5     | 563          | <25       | <5            | <3        | -0.1                   | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.4             | <2        | 356        | 71        | 144                                | 54        | 37                     | 1.5                    | <0.05                     | 1.5                       | 1.6                     |
| RP3                    | Alcoa MW1*                          | 09/04/25 | 0.3        | <1.1                       | 7.9     | 1037         | <25       | <5            | <3        | 0.6                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.2             | <2        | 682        | 226       | 404                                | 32        | 29                     | 4.6                    | <0.05                     | 4.6                       | 8.4                     |
|                        | Alcoa MW3*                          | 09/04/25 | <0.3       | <1.1                       | 7.4     | 892          | <25       | <5            | <3        | 0.2                    | <0.1                  | <15       | <1        | <0.5        | <1                   | 0.49      | <0.5            | 0.1             | <2        | 592        | 127       | 333                                | 53        | 46                     | 12.6                   | <0.05                     | 12.6                      | 8.4                     |
|                        | Fontana Water Co. - F23a            | 09/24/25 | <0.3       | <1.1                       | 8.1     | 394          | <25       | <5            | <3        | 0.6                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.2             | <2        | 238        | 20        | 155                                | 20        | 20                     | 5.3                    | <0.05                     | 5.3                       | 8.1                     |
|                        | Southridge JHS*                     | 08/05/25 | 0.4        | 5                          | 7.1     | 912          | <25       | <5            | <3        | 0.2                    | <0.1                  | <15       | 1         | <0.5        | <1                   | <0.25     | <0.5            | 1.3             | 5         | 594        | 89        | 337                                | 55        | 65                     | 13.6                   | <0.05                     | 13.6                      | 6.2                     |
|                        | RP3-1/1*                            | 08/18/25 | 0.5        | <1.1                       | 6.3     | 722          | <25       | 10            | 5.7       | -1.3                   | <0.1                  | <15       | 223       | <0.5        | 1                    | <0.25     | <0.5            | 3.3             | 2         | 402        | 107       | 151                                | 91        | 40                     | 3.7                    | <0.05                     | 3.7                       | 0.3                     |
| 7th & 8th Street       | Ontario Well No. 35                 | 07/23/25 | <0.3       | <1.1                       | 7.7     | 345          | <25       | <5            | <3        | 0.1                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.1             | <2        | 230        | 7         | 135                                | 23        | 21                     | 3.0                    | <0.05                     | 3.0                       | 7.2                     |
|                        | 8TH-1/1*                            | 07/28/25 | <0.3       | <1.1                       | 7.6     | 308          | <25       | 15            | <3        | -0.2                   | <0.1                  | <15       | 18        | <0.5        | <1                   | <0.25     | <0.5            | 14.0            | <2        | 204        | 24        | 113                                | 21        | 17                     | <0.6                   | <0.05                     | 0.6                       | 5.6                     |
|                        | 8TH-1/2*                            | 07/28/25 | <0.3       | <1.1                       | 7.3     | 514          | <25       | 5             | <3        | -0.1                   | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 4.4             | <2        | 326        | 65        | 210                                | 18        | 27                     | 1.0                    | <0.05                     | 1.0                       | 4.8                     |
|                        | 8TH-2/1*                            | 07/31/25 | <0.3       | <1.1                       | 7.7     | 481          | <25       | <5            | <3        | 0.2                    | <0.1                  | <15       | 1         | <0.5        | <1                   | <0.25     | <0.5            | 0.5             | <2        | 302        | 40        | 213                                | 15        | 21                     | 7.8                    | <0.05                     | 7.8                       | 7.9                     |
|                        | 8TH-2/2*                            | 07/31/25 | <0.3       | <1.1                       | 7.6     | 448          | <25       | 15            | <3        | 0.0                    | <0.1                  | <15       | 11        | <0.5        | <1                   | <0.25     | <0.5            | 15.3            | <2        | 304        | 51        | 184                                | 15        | 27                     | 2.6                    | <0.05                     | 2.6                       | 5.9                     |
| Brooks                 | Pomona Well No. 10                  | 07/16/25 | <0.3       | <1.1                       | 7.8     | 489          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | <0.1            | <2        | 316        | 36        | 218                                | 12        | 34                     | 5.0                    | <0.05                     | 5.0                       | 7.7                     |
|                        | BRK-1/1*                            | 08/06/25 | <0.3       | <1.1                       | 7.6     | 482          | <25       | <5            | <3        | 0.1                    | <0.1                  | <15       | <1        | <0.5        | <1                   | 1.25      | <0.5            | 0.4             | <2        | 296        | 35        | 167                                | 37        | 33                     | 4.5                    | <0.05                     | 4.5                       | 8.9                     |
|                        | BRK-1/2*                            | 08/06/25 | <0.3       | <1.1                       | 7.8     | 649          | <25       | <5            | <3        | 0.5                    | <0.1                  | <15       | <1        | <0.5        | <1                   | 0.46      | <0.5            | 0.2             | <2        | 446        | 29        | 315                                | 16        | 53                     | 19.8                   | <0.05                     | 19.8                      | 8.9                     |
|                        | BRK-2/1*                            | 08/13/25 | <0.3       | 6                          | 8.0     | 534          | <25       | <5            | <3        | 0.7                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.4             | <2        | 344        | 43        | 251                                | 11        | 37                     | 6.2                    | <0.05                     | 6.2                       | 5.7                     |
|                        | BRK-2/2*                            | 08/13/25 | <0.3       | <1.1                       | 7.9     | 401          | <25       | <5            | <3        | 0.4                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.2             | <2        | 250        | 12        | 140                                | 31        | 25                     | 10.8                   | <0.05                     | 10.8                      | 5.6                     |
| Ely                    | Ely Basin MW2 Walnut St.*           | 08/21/25 | <0.3       | <1.1                       | 7.4     | 801          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | <0.1            | <2        | 490        | 61        | 343                                | 36        | 49                     | 14.1                   | <0.05                     | 14.1                      | 5.4                     |
|                        | Ely-3*                              | 09/03/25 | 0.6        | <1.1                       | 7.4     | 449          | <25       | <5            | <3        | -0.5                   | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.3             | <2        | 256        | 58        | 108                                | 54        | 31                     | <0.6                   | <0.05                     | 0.1                       | 3.5                     |
|                        | Riverside Well (43840-CWW)*         | 07/14/25 | <0.3       | <1.1                       | 7.5     | 559          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | 5         | <0.5        | <1                   | <0.25     | <0.5            | <0.1            | 23        | 352        | 32        | 244                                | 21        | 30                     | 8.6                    | <0.05                     | 8.6                       | 6.1                     |
|                        | Bishop of SB Corp. - DOM            | 07/14/25 | <0.3       | <1.1                       | 7.3     | 887          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | <0.1            | 68        | 542        | 42        | 408                                | 24        | 70                     | 21.6                   | <0.05                     | 21.6                      | 5.8                     |
| Victoria & San Seavine | SS-1/1*                             | 07/29/25 | <0.3       | <1.1                       | 7.3     | 333          | <25       | <5            | <3        | -0.5                   | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.7             | <2        | 214        | 29        | 130                                | 17        | 22                     | 3.1                    | <0.05                     | 3.1                       | 8.5                     |
|                        | SSV-2*                              | 08/19/25 | <0.3       | <1.1                       | 7.7     | 465          | <25       | 10            | <3        | 0.0                    | <0.1                  | <15       | 2         | <0.5        | <1                   | <0.25     | <0.5            | 11.4            | <2        | 276        | 63        | 149                                | 38        | 25                     | 1.1                    | <0.05                     | 1.1                       | 5.0                     |
|                        | VCT-1/1*                            | 07/21/25 | <0.3       | <1.1                       | 7.1     | 556          | <25       | <5            | <3        | -0.3                   | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 1.0             | <2        | 362        | 72        | 214                                | 24        | 37                     | <0.6                   | <0.05                     | 0.5                       | 2.6                     |
|                        | VCT-2/2*                            | 08/14/25 | 0.5        | 10.8                       | 7.7     | 378          | <25       | <5            | <3        | 0.1                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.1             | 2         | 240        | 22        | 159                                | 19        | 14                     | 5.7                    | <0.05                     | 5.7                       | 9.0                     |
|                        | CVWD Well No. 43                    | 07/17/25 | <0.3       | <1.1                       | 7.5     | 351          | <25       | <5            | <3        | 0.0                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | 0.1             | <2        | 238        | 13        | 139                                | 19        | 17                     | 3.6                    | <0.05                     | 3.6                       | 7.5                     |
|                        | Unitex 91090*                       | 07/23/25 | <0.3       | <1.1                       | 7.6     | 485          | <25       | <5            | <3        | 0.1                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | <0.1            | <2        | 334        | 53        | 203                                | 15        | 30                     | 1.7                    | <0.05                     | 1.7                       | 6.2                     |
| Declez                 | JCSD Well No. 13                    | 07/15/25 | <0.3       | <1.1                       | 7.6     | 660          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | <0.1            | <2        | 454        | 74        | 250                                | 28        | 33                     | 8.3                    | <0.05                     | 8.3                       | 6.9                     |
|                        | JCSD Well No. 17                    | 07/15/25 | <0.3       | <1.1                       | 7.7     | 553          | <25       | <5            | <3        | 0.3                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | <0.1            | <2        | 358        | 50        | 210                                | 29        | 37                     | 7.5                    | <0.05                     | 7.5                       | 6.2                     |
|                        | JCSD Well No. 19                    | 07/15/25 | <0.10      | <1.1                       | 7.6     | 382          | <25       | <5            | <3        | 0.1                    | <0.1                  | <15       | <1        | <0.5        | <1                   | <0.25     | <0.5            | <0.1            | <2        | 236        | 17        | 141                                | 27        | 19                     | 5.0                    | <0.05                     | 5.0                       | 7.4                     |
|                        | DCZ-2*                              | 07/17/25 | <0.10      | <1.1                       | 7.8     | 594          | <25       | <5            | <3        | 0.4                    | <0.1                  | <15       | 2         | <0.5        | <1                   | <0.25     | <0.5            | 0.4             | 137       | 378        | 72        | 189                                | 37        | 40                     | 5.8                    | <0.05                     | 5.8                       | 6.7                     |
|                        | Detection Limit                     |          | 0.3        | 1                          |         |              | 25        | 5             | 3.0       |                        | 0.10                  | 15        | 1         | 1           | 1                    | 0.25      | 0.50            | 0.1             | 2         |            | 2         | 1                                  | 5         | 2                      | 0.6                    | 0.05                      | 0.1                       |                         |
|                        | Primary Maximum Contaminant Level   |          |            |                            |         |              | 1000      |               | 1300      |                        |                       |           |           | 13          |                      |           | 70              |                 |           |            |           |                                    |           |                        |                        | 1                         | 10                        |                         |
|                        | Secondary Maximum Contaminant Level |          |            |                            | 6.5-8.5 | 900          | 200       | 15            | 1000      |                        | 0.5                   | 300       | 50        | 5           | 3                    | 100       | 1               | 5               | 5000      | 500        | 250       |                                    |           | 250                    |                        |                           |                           |                         |

Blank cells indicate that analysis was not run for a constituent on that particular date. On certain dates, supplemental analysis was conducted on several monitoring wells. On those occasions, a full set of analysis was not necessary and only parameters of interest were analyzed.

\* Total dissolved metals reported for these wells. The remaining wells report total recoverable metals values.

Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                           | 8TH-1/1 | 8TH-1/2 | 8TH-2/1 | 8TH-2/2 | MCL         | Unit | Method       |
|---------------------------------------|---------|---------|---------|---------|-------------|------|--------------|
| Inorganic Chemicals                   |         |         |         |         |             |      |              |
| Asbestos                              | <1      | <1      | <0.2    | <1      | 7           | MFL  | EPA 100.2    |
| Cyanide                               | <20     | <20     | <20     | <20     | 150         | µg/L | EPA OIA-1677 |
| Perchlorate                           | <1      | <1      | <1      | <1      | 6           | µg/L | EPA 314      |
| Mercury                               | <0.5    | <0.5    | <0.5    | <0.5    | 2           | µg/L | EPA 245.2    |
| Fluoride                              | 0.4     | 0.3     | 0.3     | 0.3     | 2           | mg/L | SM 4500-F C  |
| Aluminum, Dissolved                   | <25     | <25     | <25     | <25     | 1000        | µg/L | EPA 200.8    |
| Antimony, Dissolved                   | <1      | <1      | <1      | <1      | 6           | µg/L | EPA 200.8    |
| Arsenic, Dissolved                    | <2      | <2      | <2      | <2      | 10          | µg/L | EPA 200.8    |
| Barium, Dissolved                     | 42      | 25      | 42      | 38      | 1000        | µg/L | EPA 200.8    |
| Beryllium, Dissolved                  | <0.5    | <0.5    | <0.5    | <0.5    | 4           | µg/L | EPA 200.8    |
| Cadmium, Dissolved                    | <0.25   | <0.25   | <0.25   | <0.25   | 5           | µg/L | EPA 200.8    |
| Chromium, Dissolved                   | <2      | 2       | 4       | <2      | 50          | µg/L | EPA 200.8    |
| Hexavalent Chromium, Dissolved        | 2       | 1       | 3       | 1       | 10          | µg/L | EPA 218.6    |
| Copper, Dissolved                     | <0.5    | 0.7     | <0.5    | <0.5    | 1300        | µg/L | EPA 200.8    |
| Iron, Dissolved                       | <15     | <15     | <15     | <15     | 300 (sec.)  | µg/L | EPA 200.8    |
| Nickel                                | 312     | 17      | 47      | 180     | 100         | µg/L | EPA 200.8    |
| Manganese, Dissolved                  | 18      | <1      | 1       | 11      | 50 (sec.)   | µg/L | EPA 200.8    |
| Selenium, Dissolved                   | <2      | <2      | <2      | <2      | 50          | µg/L | EPA 200.8    |
| Silver, Dissolved                     | <0.25   | <0.25   | <0.25   | <0.25   | 100 (sec.)  | µg/L | EPA 200.8    |
| Thallium, Dissolved                   | <1      | <1      | <1      | <1      | 2           | µg/L | EPA 200.8    |
| Zinc, Dissolved                       | <2      | <2      | <2      | <2      | 5000 (sec.) | µg/L | EPA 200.8    |
| Volatile Organic Chemicals (VOCs)     |         |         |         |         |             |      |              |
| Benzene                               | <0.5    | <0.5    | <0.5    | <0.5    | 1           | µg/L | EPA 524.2    |
| Carbon Tetrachloride                  | <0.5    | <0.5    | <0.5    | <0.5    | 0.5         | µg/L | EPA 524.2    |
| 1,2-Dichlorobenzene                   | <0.5    | <0.5    | <0.5    | <0.5    | 600         | µg/L | EPA 524.2    |
| 1,4-Dichlorobenzene                   | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,1-Dichloroethane                    | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloroethane                    | <0.5    | <0.5    | <0.5    | <0.5    | 0.5         | µg/L | EPA 524.2    |
| 1,1-Dichloroethylene                  | <0.5    | <0.5    | <0.5    | <0.5    | 6           | µg/L | EPA 524.2    |
| cis-1,2-Dichloroethylene              | <0.5    | <0.5    | <0.5    | <0.5    | 6           | µg/L | EPA 524.2    |
| trans-1,2-Dichloroethylene            | <0.5    | <0.5    | <0.5    | <0.5    | 10          | µg/L | EPA 524.2    |
| Dichloromethane                       | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloropropane                   | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,3-Dichloropropene                   | <0.5    | <0.5    | <0.5    | <0.5    | 0.5         | µg/L | EPA 524.2    |
| Ethylbenzene                          | <0.5    | <0.5    | <0.5    | <0.5    | 300         | µg/L | EPA 524.2    |
| Chlorobenzene                         | <0.5    | <0.5    | <0.5    | <0.5    | 70          | µg/L | EPA 524.2    |
| Methyl Tert-butyl ether (MTBE)        | <0.5    | <0.5    | <0.5    | <0.5    | 13          | µg/L | EPA 524.2    |
| Styrene                               | <0.5    | <0.5    | <0.5    | <0.5    | 100         | µg/L | EPA 524.2    |
| 1,1,2,2-Tetrachloroethane             | <0.5    | <0.5    | <0.5    | <0.5    | 1           | µg/L | EPA 524.2    |
| Tetrachloroethylene                   | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| Toluene                               | <0.5    | <0.5    | <0.5    | <0.5    | 150         | µg/L | EPA 524.2    |
| 1,2,4-Trichlorobenzene                | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,1,1-Trichloroethane                 | <0.5    | <0.5    | <0.5    | <0.5    | 200         | µg/L | EPA 524.2    |
| 1,1,2-Trichloroethane                 | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| Trichloroethylene                     | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| Trichlorofluoromethane                | <0.5    | <0.5    | <0.5    | <0.5    | 150         | µg/L | EPA 524.2    |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.5    | <0.5    | <0.5    | <0.5    | 1200        | µg/L | EPA 524.2    |
| Vinyl Chloride                        | <0.5    | <0.5    | <0.5    | <0.5    | 0.5         | µg/L | EPA 524.2    |
| Total Xylenes                         | <0.5    | <0.5    | <0.5    | <0.5    | 1750        | µg/L | EPA 524.2    |
| 1,2,3-Trichloropropane                | <0.001  | <0.001  | <0.001  | <0.001  | 0.005       | µg/L | EPA 524.2    |

Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                                                                                              | 8TH-1/1    | 8TH-1/2     | 8TH-2/1     | 8TH-2/2    | MCL                    | Unit  | Method        |
|----------------------------------------------------------------------------------------------------------|------------|-------------|-------------|------------|------------------------|-------|---------------|
| Non-Volatile Synthetic Organic Chemicals (SOCs)                                                          |            |             |             |            |                        |       |               |
| Alachlor (Alanex)                                                                                        | <0.1       | <0.1        | <0.1        | <0.1       | 2                      | µg/L  | EPA 505/508.1 |
| Atrazine                                                                                                 | <0.5       | <0.5        | <0.5        | <0.5       | 1                      | µg/L  | EPA 525.2     |
| Bentazon                                                                                                 | <2         | <2          | <2          | <2         | 18                     | µg/L  | EPA 515.4     |
| Benzo(a)pyrene                                                                                           | <0.1       | <0.1        | <0.1        | <0.1       | 0.2                    | µg/L  | EPA 525.2     |
| Carbofuran                                                                                               | <2         | <2          | <2          | <2         | 18                     | µg/L  | EPA 531.2     |
| Chlordane                                                                                                | <0.1       | <0.1        | <0.1        | <0.1       | 0.1                    | µg/L  | EPA 505/508.1 |
| 2,4-D                                                                                                    | <0.4       | <0.4        | <0.4        | <0.4       | 70                     | µg/L  | EPA 515.4     |
| Dalapon                                                                                                  | <0.4       | <0.4        | <0.4        | <0.4       | 200                    | µg/L  | EPA 515.4     |
| Dibromochloropropane                                                                                     | <0.01      | <0.01       | <0.01       | <0.01      | 0.2                    | µg/L  | EPA 504.1     |
| Di(2-ethylhexyl)adipate                                                                                  | <0.5       | <0.5        | <0.5        | <0.5       | 400                    | µg/L  | EPA 525.2     |
| Di(2-ethylhexyl)phthalate                                                                                | <0.5       | <0.5        | <0.5        | <0.5       | 4                      | µg/L  | EPA 525.2     |
| Dinoseb                                                                                                  | <0.4       | <0.4        | <0.4        | <0.4       | 7                      | µg/L  | EPA 515.4     |
| Diquat                                                                                                   | <3.5       | <4          | <3.5        | <3.5       | 20                     | µg/L  | EPA 549.2     |
| Endothall                                                                                                | <45        | <45         | <45         | <45        | 100                    | µg/L  | EPA 548.1     |
| Endrin                                                                                                   | <0.01      | <0.01       | <0.01       | <0.01      | 2                      | µg/L  | EPA 505/508.1 |
| Ethylene Dibromide                                                                                       | <0.02      | <0.02       | <0.02       | <0.02      | 0.05                   | µg/L  | EPA 504.1     |
| Glyphosate                                                                                               | <25        | <25         | <25         | <25        | 700                    | µg/L  | EPA 547       |
| Heptachlor                                                                                               | <0.01      | <0.01       | <0.01       | <0.01      | 0.01                   | µg/L  | EPA 505/508.1 |
| Heptachlor Epoxide                                                                                       | <0.01      | <0.01       | <0.01       | <0.01      | 0.01                   | µg/L  | EPA 505/508.1 |
| Hexachlorobenzene                                                                                        | <0.5       | <0.5        | <0.5        | <0.5       | 1                      | µg/L  | EPA 525.2     |
| Hexachlorocyclopentadiene                                                                                | <0.5       | <0.5        | <0.5        | <0.5       | 50                     | µg/L  | EPA 525.2     |
| Lindane                                                                                                  | <0.01      | <0.01       | <0.01       | <0.01      | 0.2                    | µg/L  | EPA 505/508.1 |
| Methoxychlor                                                                                             | <0.01      | <0.01       | <0.01       | <0.01      | 30                     | µg/L  | EPA 505/508.1 |
| Molinate                                                                                                 | <0.5       | <0.5        | <0.5        | <0.5       | 20                     | µg/L  | EPA 525.2     |
| Oxamyl                                                                                                   | <2         | <2          | <2          | <2         | 50                     | µg/L  | EPA 531.2     |
| Pentachlorophenol                                                                                        | <0.2       | <0.2        | <0.2        | <0.2       | 1                      | µg/L  | EPA 515.4     |
| Picloram                                                                                                 | <0.6       | <0.6        | <0.6        | <0.6       | 500                    | µg/L  | EPA 515.4     |
| PCB 1016                                                                                                 | <0.5       | <0.5        | <0.2        | <0.2       | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1221                                                                                                 | <0.5       | <0.5        | <0.2        | <0.2       | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1232                                                                                                 | <0.5       | <0.5        | <0.2        | <0.2       | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1242                                                                                                 | <0.5       | <0.5        | <0.2        | <0.2       | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1248                                                                                                 | <0.5       | <0.5        | <0.2        | <0.2       | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1254                                                                                                 | <0.5       | <0.5        | <0.2        | <0.2       | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1260                                                                                                 | <0.5       | <0.5        | <0.2        | <0.2       | 0.5                    | µg/L  | EPA 505/508.1 |
| Simazine                                                                                                 | <0.5       | <0.5        | <0.5        | <0.5       | 4                      | µg/L  | EPA 525.2     |
| Thiobencarb                                                                                              | <0.5       | <0.5        | <0.5        | <0.5       | 70                     | µg/L  | EPA 525.2     |
| Toxaphene                                                                                                | <1         | <1          | <1          | <1         | 3                      | µg/L  | EPA 505/508.1 |
| 2,3,7,8-TCDD (Dioxin)                                                                                    | <5         | <5          | <5          | <25        | 30                     | pg/L  | EPA 1613      |
| 2,4,5-TP (Silvex)                                                                                        | <0.2       | <0.2        | <0.2        | <0.2       | 50                     | µg/L  | EPA 515.4     |
| Per- and Poly-fluoroalkyl Substances ( <i>new Federal MCL effective June 25, 2024 are italicized</i> ) * |            |             |             |            |                        |       |               |
| Perfluorooctanoic acid (PFOA)                                                                            | <b>4.9</b> | <b>12.9</b> | <b>6.8</b>  | <b>9.6</b> | <i>4.0*</i> / 5.1 (NL) | ng/L  | EPA 537.1     |
| Perfluorooctanesulfonic acid (PFOS)                                                                      | <b>6.2</b> | <b>24.1</b> | <2          | <b>5.3</b> | <i>4.0*</i> / 6.5 (NL) | ng/L  | EPA 537.1     |
| Perfluorohexanesulfonic acid (PFHxS)                                                                     | <2         | <2          | <b>12.7</b> | 2.1        | <i>10*</i>             | ng/L  | EPA 537.1     |
| Perfluorononanoic Acid (PFNA)                                                                            | <2         | 5.1         | <2          | 2.6        | <i>10*</i>             | ng/L  | EPA 537.1     |
| Hexafluoropropylene oxide dimer acid                                                                     | <2         | <2          | <2          | <2         | <i>10*</i>             | ng/L  | EPA 537.1     |
| PFHxS, PFNA, HFPO-DA, PFBS                                                                               | <2         | <2          | <b>1.3</b>  | <2         | <i>1*</i>              | ng/L  | EPA 537.1     |
| Action Level Chemicals                                                                                   |            |             |             |            |                        |       |               |
| Copper, Dissolved                                                                                        | <0.5       | 0.7         | <0.5        | <0.5       | 1300                   | µg/L  | EPA 200.8     |
| Lead, Dissolved                                                                                          | <0.5       | <0.5        | <0.5        | <0.5       | 15                     | µg/L  | EPA 200.8     |
| Radionuclides                                                                                            |            |             |             |            |                        |       |               |
| Combined Radium-226 and Radium 228                                                                       | <3         | <3          | <3          | <3         | 5,000                  | pCi/l | EPA 903.0     |
| Gross Alpha Particle Activity                                                                            | <3         | <3          | <3          | <3         | 15                     | pCi/l | EPA 900.0     |
| Tritium                                                                                                  | <300       | <300        | <300        | <300       | 20,000                 | pCi/l | EPA 906       |
| Strontium-90                                                                                             | <2         | <2          | <2          | <2         | 8                      | pCi/l | EPA 905       |
| Gross Beta Particle Activity                                                                             | 2          | 2           | 3           | 2          | 50                     | pCi/l | EPA 900.0     |
| Uranium                                                                                                  | <1         | 1           | 2           | <1         | 20                     | pCi/l | EPA 200.8     |

**Bold & yellow highlight signifies an exceedance of an Maximum Contaminant Level. Explained in further detail in the report text.**

NA: Not available from contract lab at time of reporting



Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                              | BRK-1/1 | BRK-1/2 | BRK-2/1 | BRK-2/2 | MCL         | Unit | Method       |
|------------------------------------------|---------|---------|---------|---------|-------------|------|--------------|
| <b>Inorganic Chemicals</b>               |         |         |         |         |             |      |              |
| Asbestos                                 | <0.2    | <0.2    | <0.2    | <0.2    | 7           | MFL  | EPA 100.2    |
| Cyanide                                  | <20     | <20     | <20     | <20     | 150         | µg/L | EPA OIA-1677 |
| Perchlorate                              | 2       | 16      | 2       | 6       | 6           | µg/L | EPA 314      |
| Mercury                                  | <0.5    | <0.5    | <0.5    | <0.5    | 2           | µg/L | EPA 245.2    |
| Fluoride                                 | 0.3     | 0.2     | 0.2     | 0.1     | 2           | mg/L | SM 4500-F C  |
| Aluminum, Dissolved                      | <25     | <25     | <25     | <25     | 1000        | µg/L | EPA 200.8    |
| Antimony, Dissolved                      | <1      | <1      | <1      | <1      | 6           | µg/L | EPA 200.8    |
| Arsenic, Dissolved                       | <2      | <2      | <2      | <2      | 10          | µg/L | EPA 200.8    |
| Barium, Dissolved                        | 26      | 70      | 33      | 71      | 1000        | µg/L | EPA 200.8    |
| Beryllium, Dissolved                     | <0.5    | <0.5    | <0.5    | <0.5    | 4           | µg/L | EPA 200.8    |
| Cadmium, Dissolved                       | <0.25   | <0.25   | <0.25   | <0.25   | 5           | µg/L | EPA 200.8    |
| Chromium, Dissolved                      | 2.6     | 6       | 7       | 7       | 50          | µg/L | EPA 200.8    |
| Hexavalent Chromium, Dissolved           | 2       | 6       | 8       | 7       | 10          | µg/L | EPA 218.6    |
| Copper, Dissolved                        | 0.9     | 0.6     | <0.5    | 0.6     | 1300        | µg/L | EPA 200.8    |
| Iron, Dissolved                          | <15     | <15     | <15     | <15     | 300 (sec.)  | µg/L | EPA 200.8    |
| Nickel, Dissolved                        | 9       | 4       | 31      | 3       | 100         | µg/L | EPA 200.8    |
| Manganese, Dissolved                     | <1      | <1      | <1      | <1      | 50 (sec.)   | µg/L | EPA 200.8    |
| Selenium, Dissolved                      | <2      | <2      | <2      | <2      | 50          | µg/L | EPA 200.8    |
| Silver, Dissolved                        | 1.3     | 0.5     | <0.25   | <0.25   | 100 (sec.)  | µg/L | EPA 200.8    |
| Thallium, Dissolved                      | <1      | <1      | <1      | <1      | 2           | µg/L | EPA 200.8    |
| Zinc, Dissolved                          | <2      | <2      | <2      | <2      | 5000 (sec.) | µg/L | EPA 200.8    |
| <b>Volatile Organic Chemicals (VOCs)</b> |         |         |         |         |             |      |              |
| Benzene                                  | <0.5    | <0.5    | <0.5    | <0.5    | 1           | µg/L | EPA 524.2    |
| Carbon Tetrachloride                     | <0.5    | <0.5    | <0.5    | <0.5    | 0.5         | µg/L | EPA 524.2    |
| 1,2-Dichlorobenzene                      | <0.5    | <0.5    | <0.5    | <0.5    | 600         | µg/L | EPA 524.2    |
| 1,4-Dichlorobenzene                      | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,1-Dichloroethane                       | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloroethane                       | <0.5    | <0.5    | <0.5    | <0.5    | 0.5         | µg/L | EPA 524.2    |
| 1,1-Dichloroethylene                     | <0.5    | <0.5    | <0.5    | <0.5    | 6           | µg/L | EPA 524.2    |
| cis-1,2-Dichloroethylene                 | <0.5    | <0.5    | <0.5    | <0.5    | 6           | µg/L | EPA 524.2    |
| trans-1,2-Dichloroethylene               | <0.5    | <0.5    | <0.5    | <0.5    | 10          | µg/L | EPA 524.2    |
| Dichloromethane                          | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloropropane                      | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,3-Dichloropropene                      | <0.5    | <0.5    | <0.5    | <0.5    | 0.5         | µg/L | EPA 524.2    |
| Ethylbenzene                             | <0.5    | <0.5    | <0.5    | <0.5    | 300         | µg/L | EPA 524.2    |
| Chlorobenzene                            | <0.5    | <0.5    | <0.5    | <0.5    | 70          | µg/L | EPA 524.2    |
| Methyl Tert-butyl ether (MTBE)           | <0.5    | <0.5    | <0.5    | <0.5    | 13          | µg/L | EPA 524.2    |
| Styrene                                  | <0.5    | <0.5    | <0.5    | <0.5    | 100         | µg/L | EPA 524.2    |
| 1,1,1,2-Tetrachloroethane                | <0.5    | <0.5    | <0.5    | <0.5    | 1           | µg/L | EPA 524.2    |
| Tetrachloroethylene                      | <0.5    | <0.5    | 4.3     | 4.2     | 5           | µg/L | EPA 524.2    |
| Toluene                                  | <0.5    | <0.5    | <0.5    | <0.5    | 150         | µg/L | EPA 524.2    |
| 1,2,4-Trichlorobenzene                   | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| 1,1,1-Trichloroethane                    | <0.5    | <0.5    | <0.5    | <0.5    | 200         | µg/L | EPA 524.2    |
| 1,1,2-Trichloroethane                    | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| Trichloroethylene                        | <0.5    | <0.5    | <0.5    | <0.5    | 5           | µg/L | EPA 524.2    |
| Trichlorofluoromethane                   | <0.5    | <0.5    | <0.5    | <0.5    | 150         | µg/L | EPA 524.2    |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane    | <0.5    | <0.5    | <0.5    | <0.5    | 1200        | µg/L | EPA 524.2    |
| Vinyl Chloride                           | <0.5    | <0.5    | <0.5    | <0.5    | 0.5         | µg/L | EPA 524.2    |
| Total Xylenes                            | <0.5    | <0.5    | <0.5    | <0.5    | 1750        | µg/L | EPA 524.2    |
| 1,2,3-Trichloropropane                   | <0.001  | 0.004   | <0.001  | 0.008   | 0.005       | µg/L | EPA 524.2    |

Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                                                                                              | BRK-1/1    | BRK-1/2 | BRK-2/1    | BRK-2/2 | MCL                    | Unit  | Method        |
|----------------------------------------------------------------------------------------------------------|------------|---------|------------|---------|------------------------|-------|---------------|
| Non-Volatile Synthetic Organic Chemicals (SOCs)                                                          |            |         |            |         |                        |       |               |
| Alachlor (Alanex)                                                                                        | <0.1       | <0.1    | <0.1       | <0.1    | 2                      | µg/L  | EPA 505/508.1 |
| Atrazine                                                                                                 | <0.5       | <0.5    | <0.5       | <0.5    | 1                      | µg/L  | EPA 525.2     |
| Bentazon                                                                                                 | <2         | <2      | <2         | <2      | 18                     | µg/L  | EPA 515.4     |
| Benzo(a)pyrene                                                                                           | <0.1       | <0.1    | <0.1       | <0.1    | 0.2                    | µg/L  | EPA 525.2     |
| Carbofuran                                                                                               | <2         | <2      | <2         | <2      | 18                     | µg/L  | EPA 531.2     |
| Chlordane                                                                                                | <0.1       | <0.1    | <0.1       | <0.1    | 0.1                    | µg/L  | EPA 505/508.1 |
| 2,4-D                                                                                                    | <0.4       | <0.4    | <0.4       | <0.4    | 70                     | µg/L  | EPA 515.4     |
| Dalapon                                                                                                  | <0.4       | <0.4    | <0.4       | <0.4    | 200                    | µg/L  | EPA 515.4     |
| Dibromochloropropane                                                                                     | <0.01      | 0.03    | <0.01      | <0.01   | 0.2                    | µg/L  | EPA 504.1     |
| Di(2-ethylhexyl)adipate                                                                                  | <0.5       | <0.5    | <0.5       | <0.5    | 400                    | µg/L  | EPA 525.2     |
| Di(2-ethylhexyl)phthalate                                                                                | <0.5       | <0.5    | <0.5       | <0.5    | 4                      | µg/L  | EPA 525.2     |
| Dinoseb                                                                                                  | <0.4       | <0.4    | <0.4       | <0.4    | 7                      | µg/L  | EPA 515.4     |
| Diquat                                                                                                   | <3.5       | <3.5    | <3.5       | <3.5    | 20                     | µg/L  | EPA 549.2     |
| Endothall                                                                                                | <20        | <20     | <20        | <20     | 100                    | µg/L  | EPA 548.1     |
| Endrin                                                                                                   | <0.01      | <0.01   | <0.01      | <0.01   | 2                      | µg/L  | EPA 505/508.1 |
| Ethylene Dibromide                                                                                       | <0.02      | <0.02   | <0.02      | <0.02   | 0.05                   | µg/L  | EPA 504.1     |
| Glyphosate                                                                                               | <25        | <25     | <25        | <25     | 700                    | µg/L  | EPA 547       |
| Heptachlor                                                                                               | <0.01      | <0.01   | <0.01      | <0.01   | 0.01                   | µg/L  | EPA 505/508.1 |
| Heptachlor Epoxide                                                                                       | <0.01      | <0.01   | <0.01      | <0.01   | 0.01                   | µg/L  | EPA 505/508.1 |
| Hexachlorobenzene                                                                                        | <0.5       | <0.5    | <0.5       | <0.5    | 1                      | µg/L  | EPA 525.2     |
| Hexachlorocyclopentadiene                                                                                | <0.5       | <0.5    | <0.5       | <0.5    | 50                     | µg/L  | EPA 525.2     |
| Lindane                                                                                                  | <0.01      | <0.01   | <0.01      | <0.01   | 0.2                    | µg/L  | EPA 505/508.1 |
| Methoxychlor                                                                                             | <0.01      | <0.01   | <0.01      | <0.01   | 30                     | µg/L  | EPA 505/508.1 |
| Molinate                                                                                                 | <0.5       | <0.5    | <0.5       | <0.5    | 20                     | µg/L  | EPA 525.2     |
| Oxamyl                                                                                                   | <2         | <2      | <2         | <2      | 50                     | µg/L  | EPA 531.2     |
| Pentachlorophenol                                                                                        | <0.2       | <0.2    | <0.2       | <0.2    | 1                      | µg/L  | EPA 515.4     |
| Picloram                                                                                                 | <0.6       | <0.6    | <0.6       | <0.6    | 500                    | µg/L  | EPA 515.4     |
| PCB 1016                                                                                                 | <0.1       | <0.1    | <0.2       | <0.2    | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1221                                                                                                 | <0.1       | <0.1    | <0.2       | <0.2    | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1232                                                                                                 | <0.1       | <0.1    | <0.2       | <0.2    | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1242                                                                                                 | <0.1       | <0.1    | <0.2       | <0.2    | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1248                                                                                                 | <0.1       | <0.1    | <0.2       | <0.2    | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1254                                                                                                 | <0.1       | <0.1    | <0.2       | <0.2    | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1260                                                                                                 | <0.1       | <0.1    | <0.2       | <0.2    | 0.5                    | µg/L  | EPA 505/508.1 |
| Simazine                                                                                                 | <0.5       | <0.5    | <0.5       | <0.5    | 4                      | µg/L  | EPA 525.2     |
| Thiobencarb                                                                                              | <0.5       | <0.5    | <0.5       | <0.5    | 70                     | µg/L  | EPA 525.2     |
| Toxaphene                                                                                                | <1         | <1      | <1         | <1      | 3                      | µg/L  | EPA 505/508.1 |
| 2,3,7,8-TCDD (Dioxin)                                                                                    | <5         | <5      | <5         | <5      | 30                     | pg/L  | EPA 1613      |
| 2,4,5-TP (Silvex)                                                                                        | <0.2       | <0.2    | <0.2       | <0.2    | 50                     | µg/L  | EPA 515.4     |
| Per- and Poly-fluoroalkyl Substances ( <i>new Federal MCL effective June 25, 2024 are italicized</i> ) * |            |         |            |         |                        |       |               |
| Perfluorooctanoic acid (PFOA)                                                                            | <b>7.5</b> | <2      | <b>6.8</b> | <2      | <i>1.0*</i> / 5.1 (NL) | ng/L  | EPA 537.1     |
| Perfluorooctanesulfonic acid (PFOS)                                                                      | <b>5.7</b> | 2.9     | <b>4.7</b> | <2      | <i>1.0*</i> / 6.5 (NL) | ng/L  | EPA 537.1     |
| Perfluorohexanesulfonic acid (PFHxS)                                                                     | 5.7        | 2.9     | 4.7        | <2      | <i>10*</i>             | ng/L  | EPA 537.1     |
| Perfluorononanoic Acid (PFNA)                                                                            | <2         | <2      | <2         | <2      | <i>10*</i>             | ng/L  | EPA 537.1     |
| Hexafluoropropylene oxide dimer acid                                                                     | <2         | <2      | <2         | <2      | <i>10*</i>             | ng/L  | EPA 537.1     |
| PFHxS, PFNA, HFPO-DA, PFBS                                                                               | <2         | <2      | <2         | <2      | <i>1*</i>              | ng/L  | EPA 537.1     |
| Action Level Chemicals                                                                                   |            |         |            |         |                        |       |               |
| Copper, Dissolved                                                                                        | 0.9        | 0.6     | <0.5       | 0.6     | 1300                   | µg/L  | EPA 200.8     |
| Lead, Dissolved                                                                                          | <0.5       | <0.5    | <0.5       | <0.5    | 15                     | µg/L  | EPA 200.8     |
| Radionuclides                                                                                            |            |         |            |         |                        |       |               |
| Combined Radium-226 and Radium 228                                                                       | <3         | <3      | <3         | <3      | 5,000                  | pCi/l | EPA 903.0     |
| Gross Alpha Particle Activity                                                                            | <3         | <3      | <3         | <3      | 15                     | pCi/l | EPA 900.0     |
| Tritium                                                                                                  | <300       | <300    | <300       | <300    | 20,000                 | pCi/l | EPA 906       |
| Strontium-90                                                                                             | <2         | <2      | <2         | <2      | 8                      | pCi/l | EPA 905       |
| Gross Beta Particle Activity                                                                             | 2          | 4       | 1          | 3       | 50                     | pCi/l | EPA 900.0     |
| Uranium                                                                                                  | 1          | 2       | 2          | <1      | 20                     | pCi/l | EPA 200.8     |

**Bold & yellow highlight signifies an exceedance of an Maximum Contaminant Level. Explained in further detail in the report text.**

NA: Not available from contract lab at time of reporting

Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                              | BH-1/2 | BH-2/1 | Ely MW2 | ELY-3  | DCZ-2  | MCL         | Unit | Method       |
|------------------------------------------|--------|--------|---------|--------|--------|-------------|------|--------------|
| <b>Inorganic Chemicals</b>               |        |        |         |        |        |             |      |              |
| Asbestos                                 | <0.2   | <0.2   | <0.2    | <0.2   | <0.2   | 7           | MFL  | EPA 100.2    |
| Cyanide                                  | <20    | <20    | <20     | <20    | <20    | 150         | µg/L | EPA OIA-1677 |
| Perchlorate                              | <1     | <1     | <1      | <1     | 2      | 6           | µg/L | EPA 314      |
| Mercury                                  | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 2           | µg/L | EPA 245.2    |
| Fluoride                                 | 0.1    | <0.1   | 0.3     | <0.1   | <0.1   | 2           | mg/L | SM 4500-F C  |
| Aluminum, Dissolved                      | <25    | <25    | <25     | <25    | <25    | 1000        | µg/L | EPA 200.8    |
| Antimony, Dissolved                      | <1     | <1     | <1      | <1     | <1     | 6           | µg/L | EPA 200.8    |
| Arsenic, Dissolved                       | <2     | <2     | <2      | <2     | <2     | 10          | µg/L | EPA 200.8    |
| Barium, Dissolved                        | 82     | 117    | 89      | 49     | 56     | 1000        | µg/L | EPA 200.8    |
| Beryllium, Dissolved                     | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 4           | µg/L | EPA 200.8    |
| Cadmium, Dissolved                       | <0.25  | <0.25  | <0.25   | <0.25  | <0.25  | 5           | µg/L | EPA 200.8    |
| Chromium, Dissolved                      | <2     | 4.0    | 2       | <2     | 2      | 50          | µg/L | EPA 200.8    |
| Hexavalent Chromium, Dissolved           | 1      | 4      | 3       | 0.2    | 2      | 10          | µg/L | EPA 218.6    |
| Copper, Dissolved                        | <0.5   | 0.5    | 0.9     | 1.2    | 0.9    | 1300        | µg/L | EPA 200.8    |
| Iron, Dissolved                          | <15    | <15    | <15     | <15    | <15    | 300 (sec.)  | µg/L | EPA 200.8    |
| Nickel, Dissolved                        | 4      | 7      | 4       | 3      | 36     | 100         | µg/L | EPA 200.8    |
| Manganese, Dissolved                     | <1     | 2      | <1      | <1     | 2      | 50 (sec.)   | µg/L | EPA 200.8    |
| Selenium, Dissolved                      | <2     | <2     | <2      | <2     | <2     | 50          | µg/L | EPA 200.8    |
| Silver, Dissolved                        | <0.25  | <0.25  | <0.25   | <0.25  | <0.25  | 100 (sec.)  | µg/L | EPA 200.8    |
| Thallium, Dissolved                      | <1     | <1     | <1      | <1     | <1     | 2           | µg/L | EPA 200.8    |
| Zinc, Dissolved                          | <2     | 3      | <2      | <2     | 137    | 5000 (sec.) | µg/L | EPA 200.8    |
| <b>Volatile Organic Chemicals (VOCs)</b> |        |        |         |        |        |             |      |              |
| Benzene                                  | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 1           | µg/L | EPA 524.2    |
| Carbon Tetrachloride                     | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 0.5         | µg/L | EPA 524.2    |
| 1,2-Dichlorobenzene                      | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 600         | µg/L | EPA 524.2    |
| 1,4-Dichlorobenzene                      | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,1-Dichloroethane                       | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloroethane                       | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 0.5         | µg/L | EPA 524.2    |
| 1,1-Dichloroethylene                     | <0.5   | 0.7    | <0.5    | <0.5   | <0.5   | 6           | µg/L | EPA 524.2    |
| cis-1,2-Dichloroethylene                 | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 6           | µg/L | EPA 524.2    |
| trans-1,2-Dichloroethylene               | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 10          | µg/L | EPA 524.2    |
| Dichloromethane                          | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloropropane                      | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,3-Dichloropropene                      | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 0.5         | µg/L | EPA 524.2    |
| Ethylbenzene                             | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 300         | µg/L | EPA 524.2    |
| Chlorobenzene                            | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 70          | µg/L | EPA 524.2    |
| Methyl Tert-butyl ether (MTBE)           | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 13          | µg/L | EPA 524.2    |
| Styrene                                  | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 100         | µg/L | EPA 524.2    |
| 1,1,2,2-Tetrachloroethane                | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 1           | µg/L | EPA 524.2    |
| Tetrachloroethylene                      | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| Toluene                                  | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 150         | µg/L | EPA 524.2    |
| 1,2,4-Trichlorobenzene                   | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,1,1-Trichloroethane                    | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 200         | µg/L | EPA 524.2    |
| 1,1,2-Trichloroethane                    | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| Trichloroethylene                        | <0.5   | 1.5    | <0.5    | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| Trichlorofluoromethane                   | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 150         | µg/L | EPA 524.2    |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane    | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 1200        | µg/L | EPA 524.2    |
| Vinyl Chloride                           | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 0.5         | µg/L | EPA 524.2    |
| Total Xylenes                            | <0.5   | <0.5   | <0.5    | <0.5   | <0.5   | 1750        | µg/L | EPA 524.2    |
| 1,2,3-Trichloropropane                   | <0.001 | <0.001 | <0.001  | <0.001 | <0.001 | 0.005       | µg/L | EPA 524.2    |

Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                                                                                              | BH-1/2     | BH-2/1      | Ely MW2     | ELY-3       | DCZ-2       | MCL                    | Unit  | Method        |
|----------------------------------------------------------------------------------------------------------|------------|-------------|-------------|-------------|-------------|------------------------|-------|---------------|
| Non-Volatile Synthetic Organic Chemicals (SOCs)                                                          |            |             |             |             |             |                        |       |               |
| Alachlor (Alanex)                                                                                        | <0.1       | <0.1        | <0.1        | <0.1        | <0.1        | 2                      | µg/L  | EPA 505/508.1 |
| Atrazine                                                                                                 | <0.5       | <0.5        | <0.5        | <0.5        | <0.5        | 1                      | µg/L  | EPA 525.2     |
| Bentazon                                                                                                 | <2         | <2          | <2          | <2          | <2          | 18                     | µg/L  | EPA 515.4     |
| Benzo(a)pyrene                                                                                           | <0.1       | <0.1        | <0.1        | <0.1        | <0.1        | 0.2                    | µg/L  | EPA 525.2     |
| Carbofuran                                                                                               | <2         | <2          | <2          | <2          | <2          | 18                     | µg/L  | EPA 531.2     |
| Chlordane                                                                                                | <0.1       | <0.1        | <0.1        | <0.2        | <0.1        | 0.1                    | µg/L  | EPA 505/508.1 |
| 2,4-D                                                                                                    | <0.4       | <0.4        | <0.4        | <0.4        | <0.4        | 70                     | µg/L  | EPA 515.4     |
| Dalapon                                                                                                  | <0.4       | <0.4        | <0.4        | <0.4        | <0.4        | 200                    | µg/L  | EPA 515.4     |
| Dibromochloropropane                                                                                     | <0.01      | <0.01       | <0.01       | <0.01       | <0.01       | 0.2                    | µg/L  | EPA 504.1     |
| Di(2-ethylhexyl)adipate                                                                                  | <0.5       | <0.5        | <0.5        | <0.5        | <0.5        | 400                    | µg/L  | EPA 525.2     |
| Di(2-ethylhexyl)phthalate                                                                                | <0.5       | <0.5        | <0.5        | <0.5        | <0.5        | 4                      | µg/L  | EPA 525.2     |
| Dinoseb                                                                                                  | <0.4       | <0.4        | <0.4        | <0.4        | <0.4        | 7                      | µg/L  | EPA 515.4     |
| Diquat                                                                                                   | <3.5       | <3.5        | <3.5        | <3.5        | <3.5        | 20                     | µg/L  | EPA 549.2     |
| Endothall                                                                                                | <20        | <20         | <20         | <20         | <45         | 100                    | µg/L  | EPA 548.1     |
| Endrin                                                                                                   | <0.01      | <0.01       | <0.01       | <0.01       | <0.01       | 2                      | µg/L  | EPA 505/508.1 |
| Ethylene Dibromide                                                                                       | <0.02      | <0.02       | <0.02       | <0.02       | <0.02       | 0.05                   | µg/L  | EPA 504.1     |
| Glyphosate                                                                                               | <25        | <25         | <25         | <25         | <25         | 700                    | µg/L  | EPA 547       |
| Heptachlor                                                                                               | <0.01      | <0.01       | <0.01       | <0.01       | <0.01       | 0.01                   | µg/L  | EPA 505/508.1 |
| Heptachlor Epoxide                                                                                       | <0.01      | <0.01       | <0.01       | <0.01       | <0.01       | 0.01                   | µg/L  | EPA 505/508.1 |
| Hexachlorobenzene                                                                                        | <0.5       | <0.5        | <0.5        | <0.5        | <0.5        | 1                      | µg/L  | EPA 525.2     |
| Hexachlorocyclopentadiene                                                                                | <0.5       | <0.5        | <0.5        | <0.5        | <0.5        | 50                     | µg/L  | EPA 525.2     |
| Lindane                                                                                                  | <0.01      | <0.01       | <0.01       | <0.01       | <0.01       | 0.2                    | µg/L  | EPA 505/508.1 |
| Methoxychlor                                                                                             | <0.01      | <0.01       | <0.01       | <0.01       | <0.01       | 30                     | µg/L  | EPA 505/508.1 |
| Molinate                                                                                                 | <0.5       | <0.5        | <0.5        | <0.5        | <0.5        | 20                     | µg/L  | EPA 525.2     |
| Oxamyl                                                                                                   | <2         | <2          | <2          | <2          | <2          | 50                     | µg/L  | EPA 531.2     |
| Pentachlorophenol                                                                                        | <0.2       | <0.2        | <0.2        | <0.2        | <0.2        | 1                      | µg/L  | EPA 515.4     |
| Picloram                                                                                                 | <0.6       | <0.6        | <0.6        | <0.6        | <0.6        | 500                    | µg/L  | EPA 515.4     |
| PCB 1016                                                                                                 | <0.2       | <0.5        | <0.2        | <1          | <0.2        | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1221                                                                                                 | <0.2       | <0.5        | <0.2        | <1          | <0.2        | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1232                                                                                                 | <0.2       | <0.5        | <0.2        | <1          | <0.2        | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1242                                                                                                 | <0.2       | <0.5        | <0.2        | <1          | <0.2        | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1248                                                                                                 | <0.2       | <0.5        | <0.2        | <1          | <0.2        | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1254                                                                                                 | <0.2       | <0.5        | <0.2        | <1          | <0.2        | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1260                                                                                                 | <0.2       | <0.5        | <0.2        | <1          | <0.2        | 0.5                    | µg/L  | EPA 505/508.1 |
| Simazine                                                                                                 | <0.5       | <0.5        | <0.5        | <0.5        | <0.5        | 4                      | µg/L  | EPA 525.2     |
| Thiobencarb                                                                                              | <0.5       | <0.5        | <0.5        | <0.5        | <0.5        | 70                     | µg/L  | EPA 525.2     |
| Toxaphene                                                                                                | <1         | <1          | <1          | <2.5        | <1          | 3                      | µg/L  | EPA 505/508.1 |
| 2,3,7,8-TCDD (Dioxin)                                                                                    | <5         | <5          | <5          | <5          | <5          | 30                     | pg/L  | EPA 1613      |
| 2,4,5-TP (Silvex)                                                                                        | <0.2       | <0.2        | <0.2        | <0.2        | <0.2        | 50                     | µg/L  | EPA 515.4     |
| Per- and Poly-fluoroalkyl Substances ( <i>new Federal MCL effective June 25, 2024 are italicized</i> ) * |            |             |             |             |             |                        |       |               |
| Perfluorooctanoic acid (PFOA)                                                                            | <b>9.3</b> | <b>99.8</b> | <b>8.4</b>  | <b>4.4</b>  | <b>11.3</b> | <i>1.0*</i> / 5.1 (NL) | ng/L  | EPA 537.1     |
| Perfluorooctanesulfonic acid (PFOS)                                                                      | 3.0        | <2          | <b>21.1</b> | <b>17.5</b> | <b>5.2</b>  | <i>1.0*</i> / 6.5 (NL) | ng/L  | EPA 537.1     |
| Perfluorohexanesulfonic acid (PFHxS)                                                                     | 9.7        | <b>14.4</b> | 7.5         | 2.9         | 2.1         | <i>10*</i>             | ng/L  | EPA 537.1     |
| Perfluorononanoic Acid (PFNA)                                                                            | 3.7        | <2          | <2          | <2          | <2          | <i>10*</i>             | ng/L  | EPA 537.1     |
| Hexafluoropropylene oxide dimer acid                                                                     | <2         | <2          | <2          | <2          | <2          | <i>10*</i>             | ng/L  | EPA 537.1     |
| PFHxS, PFNA, HFPO-DA, PFBS                                                                               | <b>1.4</b> | <b>1.5</b>  | <2          | <2          | <2          | <i>1*</i>              | ng/L  | EPA 537.1     |
| Action Level Chemicals                                                                                   |            |             |             |             |             |                        |       |               |
| Copper, Dissolved                                                                                        | <0.5       | 0.5         | 0.9         | 1.2         | 0.9         | 1300                   | µg/L  | EPA 200.8     |
| Lead, Dissolved                                                                                          | <0.5       | <0.5        | <0.5        | <0.5        | <0.5        | 15                     | µg/L  | EPA 200.8     |
| Radionuclides                                                                                            |            |             |             |             |             |                        |       |               |
| Combined Radium-226 and Radium 228                                                                       | <3         | <3          | <3          | <3          | <3          | 5,000                  | pCi/l | EPA 903.0     |
| Gross Alpha Particle Activity                                                                            | <3         | <3          | 4           | <3          | <3          | 15                     | pCi/l | EPA 900.0     |
| Tritium                                                                                                  | <300       | <300        | <300        | <300        | <300        | 20,000                 | pCi/l | EPA 906       |
| Strontium-90                                                                                             | <2         | <2          | <2          | <2          | NA          | 8                      | pCi/l | EPA 905       |
| Gross Beta Particle Activity                                                                             | 2          | 1           | 2           | 1           | 4           | 50                     | pCi/l | EPA 900.0     |
| Uranium                                                                                                  | <1         | <1          | 5           | <1          | 2           | 20                     | pCi/l | EPA 200.8     |

**Bold & yellow highlight signifies an exceedance of an Maximum Contaminant Level. Explained in further detail in the report text.**

NA: Not available from contract lab at time of reporting

Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                           | RP3-1/1 | Southridge JHS | T-1/2  | T-2/2  | MCL         | Unit | Method       |
|---------------------------------------|---------|----------------|--------|--------|-------------|------|--------------|
| Inorganic Chemicals                   |         |                |        |        |             |      |              |
| Asbestos                              | <1      | <0.2           | <0.2   | <0.2   | 7           | MFL  | EPA 100.2    |
| Cyanide                               | <20     | <20            | <20    | <20    | 150         | µg/L | EPA OIA-1677 |
| Perchlorate                           | <1      | 5              | <1     | <1     | 6           | µg/L | EPA 314      |
| Mercury                               | <0.5    | <0.5           | <0.5   | <0.5   | 2           | µg/L | EPA 245.2    |
| Fluoride                              | <0.1    | 0.2            | 0.3    | 0.3    | 2           | mg/L | SM 4500-F C  |
| Aluminum, Dissolved                   | <25     | <25            | <25    | <25    | 1000        | µg/L | EPA 200.8    |
| Antimony, Dissolved                   | <1      | <1             | <1     | <1     | 6           | µg/L | EPA 200.8    |
| Arsenic, Dissolved                    | <2      | <2             | <2     | <2     | 10          | µg/L | EPA 200.8    |
| Barium, Dissolved                     | 92      | 145            | 47     | 67     | 1000        | µg/L | EPA 200.8    |
| Beryllium, Dissolved                  | <0.5    | <0.5           | <0.5   | <0.5   | 4           | µg/L | EPA 200.8    |
| Cadmium, Dissolved                    | <0.25   | <0.25          | <0.25  | <0.25  | 5           | µg/L | EPA 200.8    |
| Chromium, Dissolved                   | <2      | 4.3            | <2     | <2     | 50          | µg/L | EPA 200.8    |
| Hexavalent Chromium, Dissolved        | <0.1    | 3              | 0.3    | 0.5    | 10          | µg/L | EPA 218.6    |
| Copper, Dissolved                     | 5.7     | 1.6            | 0.9    | 1.4    | 1300        | µg/L | EPA 200.8    |
| Iron, Dissolved                       | <15     | <15            | <15    | <15    | 300 (sec.)  | µg/L | EPA 200.8    |
| Nickel, Dissolved                     | 527     | 3              | 3      | 6      | 100         | µg/L | EPA 200.8    |
| Manganese, Dissolved                  | 223     | 1              | <1     | <1     | 50 (sec.)   | µg/L | EPA 200.8    |
| Selenium, Dissolved                   | <2      | 3              | <2     | <2     | 50          | µg/L | EPA 200.8    |
| Silver, Dissolved                     | <0.25   | <0.25          | <0.25  | <0.25  | 100 (sec.)  | µg/L | EPA 200.8    |
| Thallium, Dissolved                   | <1      | <1             | <1     | <1     | 2           | µg/L | EPA 200.8    |
| Zinc, Dissolved                       | 2       | 5              | <2     | <2     | 5000 (sec.) | µg/L | EPA 200.8    |
| Volatile Organic Chemicals (VOCs)     |         |                |        |        |             |      |              |
| Benzene                               | <0.5    | <0.5           | <0.5   | <0.5   | 1           | µg/L | EPA 524.2    |
| Carbon Tetrachloride                  | <0.5    | <0.5           | <0.5   | <0.5   | 0.5         | µg/L | EPA 524.2    |
| 1,2-Dichlorobenzene                   | <0.5    | <0.5           | <0.5   | <0.5   | 600         | µg/L | EPA 524.2    |
| 1,4-Dichlorobenzene                   | <0.5    | <0.5           | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,1-Dichloroethane                    | <0.5    | <0.5           | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloroethane                    | <0.5    | <0.5           | <0.5   | <0.5   | 0.5         | µg/L | EPA 524.2    |
| 1,1-Dichloroethylene                  | <0.5    | <0.5           | <0.5   | <0.5   | 6           | µg/L | EPA 524.2    |
| cis-1,2-Dichloroethylene              | <0.5    | <0.5           | <0.5   | <0.5   | 6           | µg/L | EPA 524.2    |
| trans-1,2-Dichloroethylene            | <0.5    | <0.5           | <0.5   | <0.5   | 10          | µg/L | EPA 524.2    |
| Dichloromethane                       | <0.5    | <0.5           | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloropropane                   | <0.5    | <0.5           | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,3-Dichloropropene                   | <0.5    | <0.5           | <0.5   | <0.5   | 0.5         | µg/L | EPA 524.2    |
| Ethylbenzene                          | <0.5    | <0.5           | <0.5   | <0.5   | 300         | µg/L | EPA 524.2    |
| Chlorobenzene                         | <0.5    | <0.5           | <0.5   | <0.5   | 70          | µg/L | EPA 524.2    |
| Methyl Tert-butyl ether (MTBE)        | <0.5    | <0.5           | <0.5   | <0.5   | 13          | µg/L | EPA 524.2    |
| Styrene                               | <0.5    | <0.5           | <0.5   | <0.5   | 100         | µg/L | EPA 524.2    |
| 1,1,1,2-Tetrachloroethane             | <0.5    | <0.5           | <0.5   | <0.5   | 1           | µg/L | EPA 524.2    |
| Tetrachloroethylene                   | <0.5    | <0.5           | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| Toluene                               | <0.5    | <0.5           | <0.5   | <0.5   | 150         | µg/L | EPA 524.2    |
| 1,2,4-Trichlorobenzene                | <0.5    | <0.5           | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| 1,1,1-Trichloroethane                 | <0.5    | <0.5           | <0.5   | <0.5   | 200         | µg/L | EPA 524.2    |
| 1,1,2-Trichloroethane                 | <0.5    | <0.5           | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| Trichloroethylene                     | <0.5    | <0.5           | <0.5   | <0.5   | 5           | µg/L | EPA 524.2    |
| Trichlorofluoromethane                | <0.5    | <0.5           | <0.5   | <0.5   | 150         | µg/L | EPA 524.2    |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.5    | <0.5           | <0.5   | <0.5   | 1200        | µg/L | EPA 524.2    |
| Vinyl Chloride                        | <0.5    | <0.5           | <0.5   | <0.5   | 0.5         | µg/L | EPA 524.2    |
| Total Xylenes                         | <0.5    | <0.5           | <0.5   | <0.5   | 1750        | µg/L | EPA 524.2    |
| 1,2,3-Trichloropropane                | <0.001  | <0.001         | <0.001 | <0.001 | 0.005       | µg/L | EPA 524.2    |

Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                                                                                              | RP3-1/1    | Southridge JHS | T-1/2       | T-2/2       | MCL                    | Unit  | Method        |
|----------------------------------------------------------------------------------------------------------|------------|----------------|-------------|-------------|------------------------|-------|---------------|
| Non-Volatile Synthetic Organic Chemicals (SOCs)                                                          |            |                |             |             |                        |       |               |
| Alachlor (Alanex)                                                                                        | <0.1       | <0.1           | <0.1        | <0.1        | 2                      | µg/L  | EPA 505/508.1 |
| Atrazine                                                                                                 | <0.5       | <0.5           | <0.5        | <0.5        | 1                      | µg/L  | EPA 525.2     |
| Bentazon                                                                                                 | <2         | <2             | <2          | <2          | 18                     | µg/L  | EPA 515.4     |
| Benzo(a)pyrene                                                                                           | <0.1       | <0.1           | <0.1        | <0.1        | 0.2                    | µg/L  | EPA 525.2     |
| Carbofuran                                                                                               | <2         | <2             | <2          | <2          | 18                     | µg/L  | EPA 531.2     |
| Chlordane                                                                                                | <0.2       | <0.1           | <0.1        | <0.2        | 0.1                    | µg/L  | EPA 505/508.1 |
| 2,4-D                                                                                                    | <0.4       | <0.4           | <0.4        | <0.4        | 70                     | µg/L  | EPA 515.4     |
| Dalapon                                                                                                  | <0.4       | <0.4           | <0.4        | <0.4        | 200                    | µg/L  | EPA 515.4     |
| Dibromochloropropane                                                                                     | <0.01      | <0.01          | <0.01       | <0.01       | 0.2                    | µg/L  | EPA 504.1     |
| Di(2-ethylhexyl)adipate                                                                                  | <0.5       | <0.5           | <0.5        | <0.5        | 400                    | µg/L  | EPA 525.2     |
| Di(2-ethylhexyl)phthalate                                                                                | <0.5       | <0.5           | <0.5        | <0.5        | 4                      | µg/L  | EPA 525.2     |
| Dinoseb                                                                                                  | <0.4       | <0.4           | <0.4        | <0.4        | 7                      | µg/L  | EPA 515.4     |
| Diquat                                                                                                   | <3.5       | <3.5           | <3.5        | <4          | 20                     | µg/L  | EPA 549.2     |
| Endothall                                                                                                | <20        | <20            | <45         | <45         | 100                    | µg/L  | EPA 548.1     |
| Endrin                                                                                                   | <0.01      | <0.01          | <0.01       | <0.01       | 2                      | µg/L  | EPA 505/508.1 |
| Ethylene Dibromide                                                                                       | <0.02      | <0.02          | <0.02       | <0.02       | 0.05                   | µg/L  | EPA 504.1     |
| Glyphosate                                                                                               | <25        | <25            | <25         | <25         | 700                    | µg/L  | EPA 547       |
| Heptachlor                                                                                               | <0.01      | <0.01          | <0.01       | <0.01       | 0.01                   | µg/L  | EPA 505/508.1 |
| Heptachlor Epoxide                                                                                       | <0.01      | <0.01          | <0.01       | <0.01       | 0.01                   | µg/L  | EPA 505/508.1 |
| Hexachlorobenzene                                                                                        | <0.5       | <0.5           | <0.5        | <0.5        | 1                      | µg/L  | EPA 525.2     |
| Hexachlorocyclopentadiene                                                                                | <0.5       | <0.5           | <0.5        | <0.5        | 50                     | µg/L  | EPA 525.2     |
| Lindane                                                                                                  | <0.01      | <0.01          | <0.01       | <0.01       | 0.2                    | µg/L  | EPA 505/508.1 |
| Methoxychlor                                                                                             | <0.01      | <0.01          | <0.01       | <0.01       | 30                     | µg/L  | EPA 505/508.1 |
| Molinate                                                                                                 | <0.5       | <0.5           | <0.5        | <0.5        | 20                     | µg/L  | EPA 525.2     |
| Oxamyl                                                                                                   | <2         | <2             | <2          | <2          | 50                     | µg/L  | EPA 531.2     |
| Pentachlorophenol                                                                                        | <0.2       | <0.2           | <0.2        | <0.2        | 1                      | µg/L  | EPA 515.4     |
| Picloram                                                                                                 | <0.6       | <0.6           | <0.6        | <0.6        | 500                    | µg/L  | EPA 515.4     |
| PCB 1016                                                                                                 | <1         | <0.1           | <0.2        | <1          | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1221                                                                                                 | <1         | <0.1           | <0.2        | <1          | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1232                                                                                                 | <1         | <0.1           | <0.2        | <1          | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1242                                                                                                 | <1         | <0.1           | <0.2        | <1          | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1248                                                                                                 | <1         | <0.1           | <0.2        | <1          | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1254                                                                                                 | <1         | <0.1           | <0.2        | <1          | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1260                                                                                                 | <1         | <0.1           | <0.2        | <1          | 0.5                    | µg/L  | EPA 505/508.1 |
| Simazine                                                                                                 | <0.5       | <0.5           | <0.5        | <0.5        | 4                      | µg/L  | EPA 525.2     |
| Thiobencarb                                                                                              | <0.5       | <0.5           | <0.5        | <0.5        | 70                     | µg/L  | EPA 525.2     |
| Toxaphene                                                                                                | <2.5       | <1             | <1          | <2.5        | 3                      | µg/L  | EPA 505/508.1 |
| 2,3,7,8-TCDD (Dioxin)                                                                                    | <5         | <5             | <5          | <5          | 30                     | pg/L  | EPA 1613      |
| 2,4,5-TP (Silvex)                                                                                        | <0.2       | <0.2           | <0.2        | <0.2        | 50                     | µg/L  | EPA 515.4     |
| Per- and Poly-fluoroalkyl Substances ( <i>new Federal MCL effective June 25, 2024 are italicized</i> ) * |            |                |             |             |                        |       |               |
| Perfluorooctanoic acid (PFOA)                                                                            | <b>4.2</b> | <2             | <b>6.1</b>  | <b>12.2</b> | <i>1.0*</i> / 5.1 (NL) | ng/L  | EPA 537.1     |
| Perfluorooctanesulfonic acid (PFOS)                                                                      | <2         | <2             | <b>34.3</b> | <b>15.4</b> | <i>1.0*</i> / 6.5 (NL) | ng/L  | EPA 537.1     |
| Perfluorohexanesulfonic acid (PFHxS)                                                                     | <2         | 3.3            | 3.1         | <2          | <i>10*</i>             | ng/L  | EPA 537.1     |
| Perfluorononanoic Acid (PFNA)                                                                            | <2         | <2             | 5.1         | 3.8         | <i>10*</i>             | ng/L  | EPA 537.1     |
| Hexafluoropropylene oxide dimer acid                                                                     | <2         | <2             | <2          | <2          | <i>10*</i>             | ng/L  | EPA 537.1     |
| PFHxS, PFNA, HFPO-DA, PFBS                                                                               | <2         | <2             | <2          | <2          | <i>1*</i>              | ng/L  | EPA 537.1     |
| Action Level Chemicals                                                                                   |            |                |             |             |                        |       |               |
| Copper, Dissolved                                                                                        | 5.7        | 1.6            | 0.9         | 1.4         | 1300                   | µg/L  | EPA 200.8     |
| Lead, Dissolved                                                                                          | <0.5       | <0.5           | <0.5        | <0.5        | 15                     | µg/L  | EPA 200.8     |
| Radionuclides                                                                                            |            |                |             |             |                        |       |               |
| Combined Radium-226 and Radium 228                                                                       | <3         | <3             | <3          | <3          | 5,000                  | pCi/l | EPA 903.0     |
| Gross Alpha Particle Activity                                                                            | <3         | <3             | <3          | <3          | 15                     | pCi/l | EPA 900.0     |
| Tritium                                                                                                  | <300       | <300           | <300        | <300        | 20,000                 | pCi/l | EPA 906       |
| Strontium-90                                                                                             | <2         | <2             | <2          | <2          | 8                      | pCi/l | EPA 905       |
| Gross Beta Particle Activity                                                                             | 2          | 7              | 2           | 2           | 50                     | pCi/l | EPA 900.0     |
| Uranium                                                                                                  | <1         | 7              | <1          | <1          | 20                     | pCi/l | EPA 200.8     |

**Bold & yellow highlight signifies an exceedance of an Maximum Contaminant Level. Explained in further detail in the report text.**

NA: Not available from contract lab at time of reporting

Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                              | SS-1/1 | SSV-2  | VCT-1/1 | VCT-2/2 | Unitex 91090 | MCL         | Unit | Method       |
|------------------------------------------|--------|--------|---------|---------|--------------|-------------|------|--------------|
| <b>Inorganic Chemicals</b>               |        |        |         |         |              |             |      |              |
| Asbestos                                 | <0.2   | <1     | <0.2    | <0.2    | <0.2         | 7           | MFL  | EPA 100.2    |
| Cyanide                                  | <20    | <20    | <20     | <20     | <20          | 150         | µg/L | EPA OIA-1677 |
| Perchlorate                              | <1     | <1     | <1      | 2       | <1           | 6           | µg/L | EPA 314      |
| Mercury                                  | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 2           | µg/L | EPA 245.2    |
| Fluoride                                 | 0.1    | 0.1    | <0.1    | 0.1     | 0.1          | 2           | mg/L | SM 4500-F C  |
| Aluminum, Dissolved                      | <25    | <25    | <25     | <25     | <25          | 1000        | µg/L | EPA 200.8    |
| Antimony, Dissolved                      | <1     | <1     | <1      | <1      | <1           | 6           | µg/L | EPA 200.8    |
| Arsenic, Dissolved                       | <2     | <2     | <2      | <2      | <2           | 10          | µg/L | EPA 200.8    |
| Barium, Dissolved                        | 55     | 55     | 115     | 75      | 48           | 1000        | µg/L | EPA 200.8    |
| Beryllium, Dissolved                     | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 4           | µg/L | EPA 200.8    |
| Cadmium, Dissolved                       | <0.25  | <0.25  | <0.25   | <0.25   | <0.25        | 5           | µg/L | EPA 200.8    |
| Chromium, Dissolved                      | <2     | <2     | <2      | <2      | <2           | 50          | µg/L | EPA 200.8    |
| Hexavalent Chromium, Dissolved           | 1      | 0.4    | 0.4     | 3       | 0.7          | 10          | µg/L | EPA 218.6    |
| Copper, Dissolved                        | 0.5    | 1.0    | 0.9     | <0.5    | <0.5         | 1300        | µg/L | EPA 200.8    |
| Iron, Dissolved                          | <15    | <15    | <15     | <15     | <15          | 300 (sec.)  | µg/L | EPA 200.8    |
| Nickel, Dissolved                        | 2      | 21     | 6       | 2       | 2            | 100         | µg/L | EPA 200.8    |
| Manganese, Dissolved                     | <1     | 2      | <1      | <1      | <1           | 50 (sec.)   | µg/L | EPA 200.8    |
| Selenium, Dissolved                      | <2     | <2     | <2      | <2      | <2           | 50          | µg/L | EPA 200.8    |
| Silver, Dissolved                        | <0.25  | <0.25  | <0.25   | <0.25   | <0.25        | 100 (sec.)  | µg/L | EPA 200.8    |
| Thallium, Dissolved                      | <1     | <1     | <1      | <1      | <1           | 2           | µg/L | EPA 200.8    |
| Zinc, Dissolved                          | <2     | <2     | <2      | 2       | <2           | 5000 (sec.) | µg/L | EPA 200.8    |
| <b>Volatile Organic Chemicals (VOCs)</b> |        |        |         |         |              |             |      |              |
| Benzene                                  | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 1           | µg/L | EPA 524.2    |
| Carbon Tetrachloride                     | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 0.5         | µg/L | EPA 524.2    |
| 1,2-Dichlorobenzene                      | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 600         | µg/L | EPA 524.2    |
| 1,4-Dichlorobenzene                      | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 5           | µg/L | EPA 524.2    |
| 1,1-Dichloroethane                       | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloroethane                       | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 0.5         | µg/L | EPA 524.2    |
| 1,1-Dichloroethylene                     | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 6           | µg/L | EPA 524.2    |
| cis-1,2-Dichloroethylene                 | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 6           | µg/L | EPA 524.2    |
| trans-1,2-Dichloroethylene               | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 10          | µg/L | EPA 524.2    |
| Dichloromethane                          | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 5           | µg/L | EPA 524.2    |
| 1,2-Dichloropropane                      | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 5           | µg/L | EPA 524.2    |
| 1,3-Dichloropropene                      | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 0.5         | µg/L | EPA 524.2    |
| Ethylbenzene                             | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 300         | µg/L | EPA 524.2    |
| Chlorobenzene                            | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 70          | µg/L | EPA 524.2    |
| Methyl Tert-butyl ether (MTBE)           | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 13          | µg/L | EPA 524.2    |
| Styrene                                  | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 100         | µg/L | EPA 524.2    |
| 1,1,2,2-Tetrachloroethane                | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 1           | µg/L | EPA 524.2    |
| Tetrachloroethylene                      | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 5           | µg/L | EPA 524.2    |
| Toluene                                  | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 150         | µg/L | EPA 524.2    |
| 1,2,4-Trichlorobenzene                   | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 5           | µg/L | EPA 524.2    |
| 1,1,1-Trichloroethane                    | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 200         | µg/L | EPA 524.2    |
| 1,1,2-Trichloroethane                    | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 5           | µg/L | EPA 524.2    |
| Trichloroethylene                        | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 5           | µg/L | EPA 524.2    |
| Trichlorofluoromethane                   | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 150         | µg/L | EPA 524.2    |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane    | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 1200        | µg/L | EPA 524.2    |
| Vinyl Chloride                           | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 0.5         | µg/L | EPA 524.2    |
| Total Xylenes                            | <0.5   | <0.5   | <0.5    | <0.5    | <0.5         | 1750        | µg/L | EPA 524.2    |
| 1,2,3-Trichloropropane                   | <0.001 | <0.001 | <0.001  | <0.001  | <0.001       | 0.005       | µg/L | EPA 524.2    |



Table 2-9b  
Groundwater Monitoring Well Results (Annual)

| Constituent                                                                                              | SS-1/1 | SSV-2 | VCT-1/1     | VCT-2/2 | Unitex 91090 | MCL                    | Unit  | Method        |
|----------------------------------------------------------------------------------------------------------|--------|-------|-------------|---------|--------------|------------------------|-------|---------------|
| Non-Volatile Synthetic Organic Chemicals (SOCs)                                                          |        |       |             |         |              |                        |       |               |
| Alachlor (Alanex)                                                                                        | <0.1   | <0.1  | <0.1        | <0.1    | <0.1         | 2                      | µg/L  | EPA 505/508.1 |
| Atrazine                                                                                                 | <0.5   | <0.5  | <0.5        | <0.5    | <0.5         | 1                      | µg/L  | EPA 525.2     |
| Bentazon                                                                                                 | <2     | <2    | <2          | <2      | <2           | 18                     | µg/L  | EPA 515.4     |
| Benzo(a)pyrene                                                                                           | <0.1   | <0.1  | <0.1        | <0.1    | <0.1         | 0.2                    | µg/L  | EPA 525.2     |
| Carbofuran                                                                                               | <2     | <2    | <2          | <2      | <2           | 18                     | µg/L  | EPA 531.2     |
| Chlordane                                                                                                | <0.01  | <0.01 | <0.2        | <0.01   | <0.01        | 0.1                    | µg/L  | EPA 505/508.1 |
| 2,4-D                                                                                                    | <0.4   | <0.4  | <0.4        | <0.4    | <0.4         | 70                     | µg/L  | EPA 515.4     |
| Dalapon                                                                                                  | <0.4   | <0.4  | <0.4        | <0.4    | <0.4         | 200                    | µg/L  | EPA 515.4     |
| Dibromochloropropane                                                                                     | <0.01  | <0.01 | <0.01       | 0.01    | <0.01        | 0.2                    | µg/L  | EPA 504.1     |
| Di(2-ethylhexyl)adipate                                                                                  | <0.5   | <0.5  | <0.5        | <0.5    | <0.5         | 400                    | µg/L  | EPA 525.2     |
| Di(2-ethylhexyl)phthalate                                                                                | <0.5   | <0.5  | <0.5        | <0.5    | <0.5         | 4                      | µg/L  | EPA 525.2     |
| Dinoseb                                                                                                  | <0.4   | <0.4  | <0.4        | <0.4    | <0.4         | 7                      | µg/L  | EPA 515.4     |
| Diquat                                                                                                   | <3.5   | <3.5  | <3.5        | <3.6    | <3.6         | 20                     | µg/L  | EPA 549.2     |
| Endothall                                                                                                | <45    | <20   | <45         | <20     | <45          | 100                    | µg/L  | EPA 548.1     |
| Endrin                                                                                                   | <0.01  | <0.01 | <0.01       | <0.01   | <0.01        | 2                      | µg/L  | EPA 505/508.1 |
| Ethylene Dibromide                                                                                       | <0.02  | <0.02 | <0.02       | <0.02   | <0.02        | 0.05                   | µg/L  | EPA 504.1     |
| Glyphosate                                                                                               | <5     | <25   | <25         | <25     | <25          | 700                    | µg/L  | EPA 547       |
| Heptachlor                                                                                               | <0.01  | <0.01 | <0.01       | <0.01   | <0.01        | 0.01                   | µg/L  | EPA 505/508.1 |
| Heptachlor Epoxide                                                                                       | <0.01  | <0.01 | <0.01       | <0.01   | <0.01        | 0.01                   | µg/L  | EPA 505/508.1 |
| Hexachlorobenzene                                                                                        | <0.5   | <0.5  | <0.5        | <0.5    | <0.5         | 1                      | µg/L  | EPA 525.2     |
| Hexachlorocyclopentadiene                                                                                | <0.5   | <0.5  | <0.5        | <0.5    | <0.5         | 50                     | µg/L  | EPA 525.2     |
| Lindane                                                                                                  | <0.01  | <0.01 | <0.05       | <0.01   | <0.01        | 0.2                    | µg/L  | EPA 505/508.1 |
| Methoxychlor                                                                                             | <0.01  | <0.01 | <0.05       | <0.01   | <0.01        | 30                     | µg/L  | EPA 505/508.1 |
| Molinate                                                                                                 | <0.5   | <0.5  | <0.5        | <0.5    | <0.5         | 20                     | µg/L  | EPA 525.2     |
| Oxamyl                                                                                                   | <2     | <2    | <2          | <2      | <2           | 50                     | µg/L  | EPA 531.2     |
| Pentachlorophenol                                                                                        | <0.2   | <0.2  | <0.2        | <0.2    | <0.2         | 1                      | µg/L  | EPA 515.4     |
| Picloram                                                                                                 | <0.6   | <0.6  | <0.6        | <0.6    | <0.6         | 500                    | µg/L  | EPA 515.4     |
| PCB 1016                                                                                                 | <0.1   | <1    | <1          | <0.2    | <0.2         | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1221                                                                                                 | <0.1   | <1    | <1          | <0.2    | <0.2         | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1232                                                                                                 | <0.1   | <1    | <1          | <0.2    | <0.2         | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1242                                                                                                 | <0.1   | <1    | <1          | <0.2    | <0.2         | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1248                                                                                                 | <0.1   | <1    | <1          | <0.2    | <0.2         | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1254                                                                                                 | <0.1   | <1    | <1          | <0.2    | <0.2         | 0.5                    | µg/L  | EPA 505/508.1 |
| PCB 1260                                                                                                 | <0.1   | <1    | <1          | <0.2    | <0.2         | 0.5                    | µg/L  | EPA 505/508.1 |
| Simazine                                                                                                 | <0.5   | <0.5  | <0.5        | <0.5    | <0.5         | 4                      | µg/L  | EPA 525.2     |
| Thiobencarb                                                                                              | <0.5   | <0.5  | <0.5        | <0.5    | <0.5         | 70                     | µg/L  | EPA 525.2     |
| Toxaphene                                                                                                | <1     | <1    | <2.5        | <1      | <1           | 3                      | µg/L  | EPA 505/508.1 |
| 2,3,7,8-TCDD (Dioxin)                                                                                    | <5     | <5    | <5          | <5      | <5           | 30                     | pg/L  | EPA 1613      |
| 2,4,5-TP (Silvex)                                                                                        | <0.2   | <0.2  | <0.2        | <0.2    | <0.2         | 50                     | µg/L  | EPA 515.4     |
| Per- and Poly-fluoroalkyl Substances ( <i>new Federal MCL effective June 25, 2024 are italicized</i> ) * |        |       |             |         |              |                        |       |               |
| Perfluorooctanoic acid (PFOA)                                                                            | <2     | 3.5   | <b>9.1</b>  | <2      | <b>10.1</b>  | <i>1.0* / 5.1 (NL)</i> | ng/L  | EPA 537.1     |
| Perfluorooctanesulfonic acid (PFOS)                                                                      | <2     | 2.7   | <b>19.5</b> | <2      | <b>5.0</b>   | <i>1.0* / 6.5 (NL)</i> | ng/L  | EPA 537.1     |
| Perfluorohexanesulfonic acid (PFHxS)                                                                     | <2     | <2    | <2          | <2      | <2           | <i>10*</i>             | ng/L  | EPA 537.1     |
| Perfluorononanoic Acid (PFNA)                                                                            | <2     | <2    | 4.1         | <2      | <2           | <i>10*</i>             | ng/L  | EPA 537.1     |
| Hexafluoropropylene oxide dimer acid                                                                     | <2     | <2    | <2          | <2      | <2           | <i>10*</i>             | ng/L  | EPA 537.1     |
| PFHxS, PFNA, HFPO-DA, PFBS                                                                               | <2     | <2    | <2          | <2      | <2           | <i>1*</i>              | ng/L  | EPA 537.1     |
| Action Level Chemicals                                                                                   |        |       |             |         |              |                        |       |               |
| Copper, Dissolved                                                                                        | 0.5    | 1.0   | 0.9         | <0.5    | <0.5         | 1300                   | µg/L  | EPA 200.8     |
| Lead, Dissolved                                                                                          | <0.5   | <0.5  | <0.5        | <0.5    | <0.5         | 15                     | µg/L  | EPA 200.8     |
| Radionuclides                                                                                            |        |       |             |         |              |                        |       |               |
| Combined Radium-226 and Radium 228                                                                       | <3     | <3    | <3          | <3      | <3           | 5,000                  | pCi/l | EPA 903.0     |
| Gross Alpha Particle Activity                                                                            | <3     | <3    | <3          | <3      | <3           | 15                     | pCi/l | EPA 900.0     |
| Tritium                                                                                                  | <300   | <300  | <300        | <300    | 303          | 20,000                 | pCi/l | EPA 906       |
| Strontium-90                                                                                             | <2     | <2    | <2          | <2      | <2           | 8                      | pCi/l | EPA 905       |
| Gross Beta Particle Activity                                                                             | 1      | 2     | 3           | 2       | 2            | 50                     | pCi/l | EPA 900.0     |
| Uranium                                                                                                  | <1     | <1    | <1          | <1      | <1           | 20                     | pCi/l | EPA 200.8     |

**Bold & yellow highlight signifies an exceedance of an Maximum Contaminant Level. Explained in further detail in the report text.**

NA: Not available from contract lab at time of reporting

Table 3-1  
Diluent & Recycled Water Recharge Volume (Acre-Feet)

| Date              | Diluent Water  |          |          |          |          |          |           |             |          |          |                           |           |            |            |            |            |            |             |            |            | Recycled Water |            |            |            |            |            |            |             |            |            |
|-------------------|----------------|----------|----------|----------|----------|----------|-----------|-------------|----------|----------|---------------------------|-----------|------------|------------|------------|------------|------------|-------------|------------|------------|----------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|
|                   | Imported Water |          |          |          |          |          |           |             |          |          | Local Runoff / Storm Flow |           |            |            |            |            |            |             |            |            |                |            |            |            |            |            |            |             |            |            |
|                   | 7th & 8th St.  | Banana   | Brooks   | Declez   | Ely      | Hickory  | RP3       | San Sevaïne | Turner   | Victoria | 7th & 8th St.             | Banana    | Brooks     | Declez     | Ely        | Hickory    | RP3        | San Sevaïne | Turner     | Victoria   | 7th & 8th St.  | Banana     | Brooks     | Declez     | Ely        | Hickory    | RP3        | San Sevaïne | Turner     | Victoria   |
| Oct-24            | 0              | 0        | 0        | 0        | 0        | 0        | 24        | 469         | 0        | 0        | 48                        | 6         | 5          | 29         | 0          | 1          | 0          | 3           | 38         | 4          | 187            | 17         | 59         | 173        | 0          | 155        | 628        | 106         | 247        | 118        |
| Nov-24            | 0              | 0        | 0        | 0        | 0        | 0        | 14        | 334         | 0        | 0        | 76                        | 31        | 5          | 7          | 0          | 19         | 0          | 7           | 78         | 2          | 324            | 17         | 154        | 184        | 0          | 29         | 218        | 133         | 203        | 148        |
| Dec-24            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 39          | 0        | 0        | 3                         | 0         | 3          | 3          | 0          | 0          | 0          | 0           | 21         | 1          | 398            | 79         | 111        | 237        | 0          | 79         | 150        | 252         | 374        | 113        |
| <b>4Q24 Total</b> | <b>0</b>       | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>38</b> | <b>842</b>  | <b>0</b> | <b>0</b> | <b>127</b>                | <b>37</b> | <b>12</b>  | <b>39</b>  | <b>0</b>   | <b>19</b>  | <b>0</b>   | <b>10</b>   | <b>137</b> | <b>7</b>   | <b>910</b>     | <b>113</b> | <b>324</b> | <b>594</b> | <b>0</b>   | <b>263</b> | <b>995</b> | <b>491</b>  | <b>824</b> | <b>378</b> |
| Jan-25            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 0           | 0        | 0        | 53                        | 21        | 11         | 57         | 0          | 8          | 21         | 38          | 90         | 13         | 333            | 39         | 94         | 161        | 0          | 39         | 186        | 305         | 275        | 93         |
| Feb-25            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 0           | 0        | 0        | 293                       | 21        | 86         | 156        | 0          | 66         | 143        | 330         | 272        | 95         | 205            | 53         | 38         | 32         | 0          | 0          | 91         | 122         | 74         | 36         |
| Mar-25            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 0           | 0        | 0        | 257                       | 20        | 62         | 159        | 0          | 54         | 123        | 200         | 300        | 85         | 211            | 26         | 55         | 56         | 0          | 26         | 81         | 116         | 78         | 51         |
| <b>1Q25 Total</b> | <b>0</b>       | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>0</b>    | <b>0</b> | <b>0</b> | <b>603</b>                | <b>61</b> | <b>159</b> | <b>372</b> | <b>0</b>   | <b>128</b> | <b>287</b> | <b>568</b>  | <b>662</b> | <b>193</b> | <b>750</b>     | <b>118</b> | <b>187</b> | <b>248</b> | <b>0</b>   | <b>64</b>  | <b>358</b> | <b>543</b>  | <b>427</b> | <b>179</b> |
| Apr-25            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 0           | 0        | 0        | 12                        | 1         | 9          | 17         | 24         | 13         | 0          | 7           | 160        | 8          | 227            | 79         | 81         | 157        | 181        | 79         | 262        | 175         | 164        | 103        |
| May-25            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 0           | 0        | 0        | 11                        | 3         | 7          | 74         | 29         | 15         | 31         | 33          | 48         | 24         | 293            | 75         | 120        | 113        | 204        | 75         | 193        | 118         | 231        | 113        |
| Jun-25            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 0           | 0        | 0        | 4                         | 1         | 2          | 57         | 103        | 6          | 0          | 5           | 31         | 4          | 255            | 80         | 80         | 127        | 15         | 80         | 84         | 137         | 308        | 132        |
| <b>2Q25 Total</b> | <b>0</b>       | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>0</b>    | <b>0</b> | <b>0</b> | <b>27</b>                 | <b>5</b>  | <b>18</b>  | <b>148</b> | <b>156</b> | <b>34</b>  | <b>31</b>  | <b>45</b>   | <b>239</b> | <b>36</b>  | <b>775</b>     | <b>233</b> | <b>281</b> | <b>397</b> | <b>400</b> | <b>233</b> | <b>540</b> | <b>431</b>  | <b>704</b> | <b>349</b> |
| Jul-25            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 0           | 0        | 0        | 7                         | 0         | 12         | 15         | 93         | 0          | 0          | 0           | 25         | 1          | 270            | 78         | 73         | 175        | 91         | 78         | 116        | 107         | 226        | 138        |
| Aug-25            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 0           | 0        | 0        | 7                         | 0         | 0          | 17         | 62         | 0          | 0          | 0           | 37         | 2          | 338            | 81         | 34         | 192        | 185        | 81         | 128        | 120         | 67         | 152        |
| Sep-25            | 0              | 0        | 0        | 0        | 0        | 0        | 0         | 0           | 0        | 0        | 6                         | 0         | 0          | 16         | 14         | 0          | 0          | 0           | 27         | 2          | 233            | 55         | 40         | 182        | 201        | 55         | 176        | 417         | 153        | 134        |
| <b>3Q25</b>       | <b>0</b>       | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>0</b>    | <b>0</b> | <b>0</b> | <b>20</b>                 | <b>0</b>  | <b>12</b>  | <b>48</b>  | <b>169</b> | <b>0</b>   | <b>0</b>   | <b>0</b>    | <b>89</b>  | <b>5</b>   | <b>841</b>     | <b>214</b> | <b>148</b> | <b>549</b> | <b>477</b> | <b>214</b> | <b>420</b> | <b>644</b>  | <b>447</b> | <b>424</b> |

Table 6-1  
MVWD ASR Project - TIN/TDS Mass Balance

| ASR Well No. 4 |        |             |            |            |             |            |            |              |          |             |
|----------------|--------|-------------|------------|------------|-------------|------------|------------|--------------|----------|-------------|
|                | Date   | Injection   |            |            | Recovery    |            |            | Mass Balance |          |             |
|                |        | Volume (AF) | TIN (mg/L) | TDS (mg/L) | Volume (AF) | TIN (mg/L) | TDS (mg/L) | Storage (AF) | TIN (kg) | TDS (kg)    |
| 4Q24           | Oct-24 | 0.0         | <0.2       | 170        | 0           | 13.0       | 400        | (2,526)      | (44,799) | (1,237,123) |
|                | Sep-24 | 0.0         | <0.2       | 170        | 0           | 13.0       | 400        | (2,526)      | (44,801) | (1,237,173) |
|                | Dec-24 | 0.0         | <0.2       | 170        | 0           | 13.0       | 400        | (2,526)      | (44,805) | (1,237,286) |
| 1Q25           | Jan-25 | 0.0         | 0.4        | 200        | 0           | 13.0       | 400        | (2,527)      | (44,809) | (1,237,429) |
|                | Feb-25 | 0.0         | 0.4        | 200        | 0           | 13.0       | 400        | (2,527)      | (44,815) | (1,237,612) |
|                | Mar-25 | 0.0         | 0.4        | 200        | 0           | 13.0       | 400        | (2,527)      | (44,818) | (1,237,716) |
| 2Q25           | Apr-25 | 0.0         | 0.3        | 210        | 0           | 13.0       | 400        | (2,527)      | (44,818) | (1,237,716) |
|                | May-25 | 0.0         | 0.3        | 210        | 0           | 13.0       | 400        | (2,527)      | (44,818) | (1,237,716) |
|                | Jun-25 | 0.0         | 0.3        | 210        | 0           | 13.0       | 400        | (2,527)      | (44,818) | (1,237,716) |
| 3Q25           | Jul-25 | 0.0         | 0.3        | 260        | 0           | 13.0       | 400        | (2,527)      | (44,818) | (1,237,716) |
|                | Aug-25 | 0.0         | 0.3        | 260        | 0           | 13.0       | 400        | (2,527)      | (44,818) | (1,237,716) |
|                | Sep-25 | 0.0         | 0.3        | 260        | 0           | 13.0       | 400        | (2,527)      | (44,818) | (1,237,716) |

| ASR Well No. 30 |        |             |            |            |             |            |            |              |          |           |
|-----------------|--------|-------------|------------|------------|-------------|------------|------------|--------------|----------|-----------|
|                 | Date   | Injection   |            |            | Recovery    |            |            | Mass Balance |          |           |
|                 |        | Volume (AF) | TIN (mg/L) | TDS (mg/L) | Volume (AF) | TIN (mg/L) | TDS (mg/L) | Storage (AF) | TIN (kg) | TDS (kg)  |
| 4Q24            | Oct-24 | 0.0         | <0.2       | 170        | 0           | 12.0       | 250        | (562)        | (60,074) | (687,037) |
|                 | Sep-24 | 0.0         | <0.2       | 170        | 0           | 12.0       | 250        | (562)        | (60,074) | (687,037) |
|                 | Dec-24 | 0.0         | <0.2       | 170        | 0           | 12.0       | 250        | (562)        | (60,074) | (687,037) |
| 1Q25            | Jan-25 | 0.0         | 0.4        | 200        | 0           | 12.0       | 250        | (562)        | (60,074) | (687,037) |
|                 | Feb-25 | 0.0         | 0.4        | 200        | 82          | 12.0       | 250        | (643)        | (61,281) | (712,191) |
|                 | Mar-25 | 0.0         | 0.4        | 200        | 97          | 12.0       | 250        | (740)        | (62,712) | (742,006) |
| 2Q25            | Apr-25 | 0.0         | 0.3        | 210        | 7           | 12.0       | 250        | (747)        | (62,812) | (744,084) |
|                 | May-25 | 0.0         | 0.3        | 210        | 8           | 12.0       | 250        | (755)        | (62,927) | (746,490) |
|                 | Jun-25 | 0.0         | 0.3        | 210        | 10          | 12.0       | 250        | (764)        | (63,073) | (749,531) |
| 3Q25            | Jul-25 | 0.0         | 0.3        | 260        | 8           | 12.0       | 250        | (772)        | (63,188) | (751,915) |
|                 | Aug-25 | 0.0         | 0.3        | 260        | 17          | 12.0       | 250        | (790)        | (63,445) | (757,281) |
|                 | Sep-25 | 0.0         | 0.3        | 260        | 238         | 12.0       | 250        | (1,028)      | (66,975) | (830,825) |

| ASR Well No. 32 |        |             |            |            |             |            |            |              |          |           |
|-----------------|--------|-------------|------------|------------|-------------|------------|------------|--------------|----------|-----------|
|                 | Date   | Injection   |            |            | Recovery    |            |            | Mass Balance |          |           |
|                 |        | Volume (AF) | TIN (mg/L) | TDS (mg/L) | Volume (AF) | TIN (mg/L) | TDS (mg/L) | Storage (AF) | TIN (kg) | TDS (kg)  |
| 4Q24            | Oct-24 | 0.0         | <0.2       | 170        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
|                 | Sep-24 | 0.0         | <0.2       | 170        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
|                 | Dec-24 | 0.0         | <0.2       | 170        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
| 1Q25            | Jan-25 | 0.0         | 0.4        | 200        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
|                 | Feb-25 | 0.0         | 0.4        | 200        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
|                 | Mar-25 | 0.0         | 0.4        | 200        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
| 2Q25            | Apr-25 | 0.0         | 0.3        | 210        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
|                 | May-25 | 0.0         | 0.3        | 210        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
|                 | Jun-25 | 0.0         | 0.3        | 210        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
| 3Q25            | Jul-25 | 0.0         | 0.3        | 260        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
|                 | Aug-25 | 0.0         | 0.3        | 260        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |
|                 | Sep-25 | 0.0         | 0.3        | 260        | 0           | 12.0       | 330        | (2,568)      | (48,371) | (662,706) |

The injected water is WFA-treated water, which meets CCR Title 22 drinking water

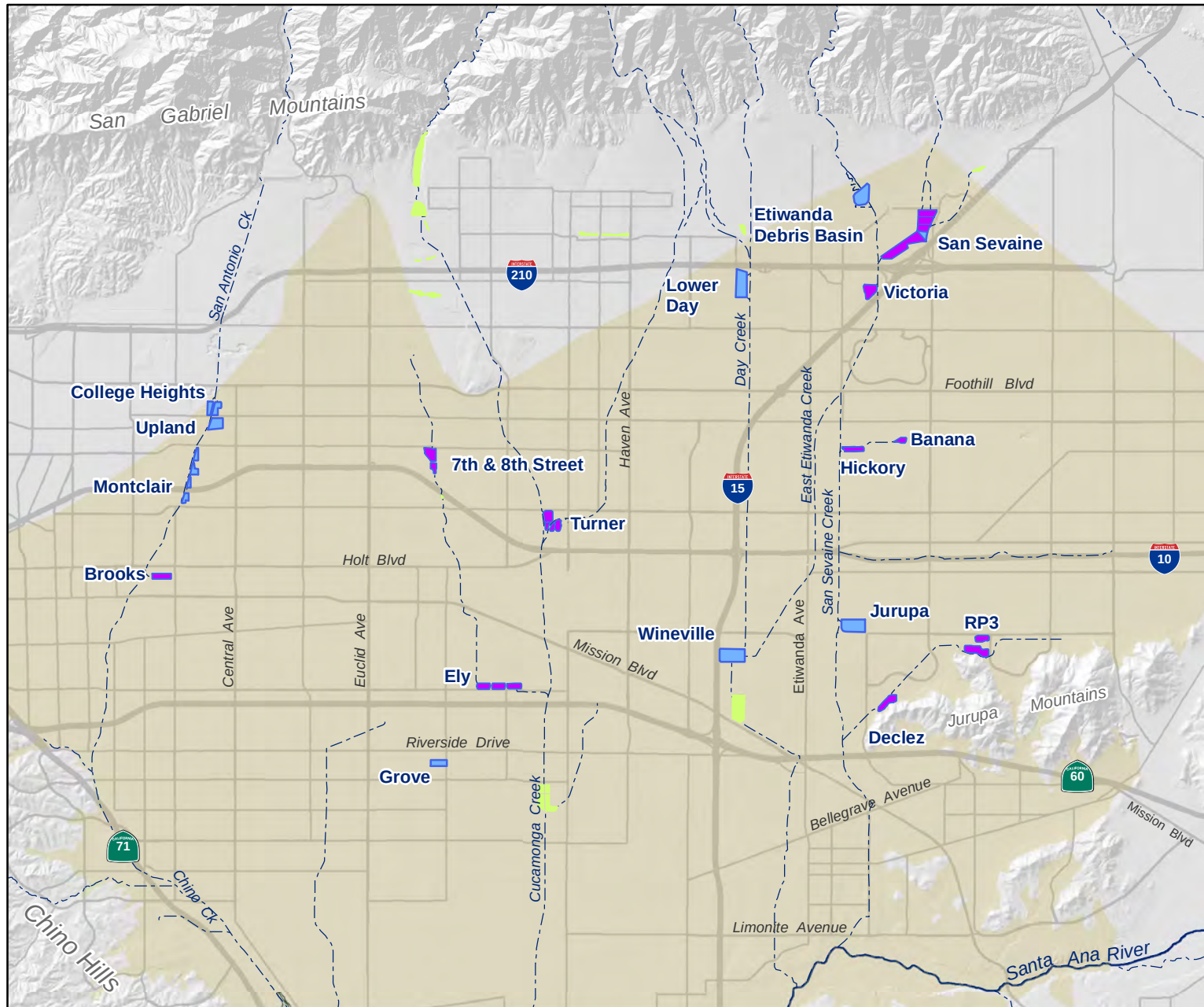
Cells shaded in grey reflect most recent lab values.

Table 6-1  
MVWD ASR Project - TIN/TDS Mass Balance

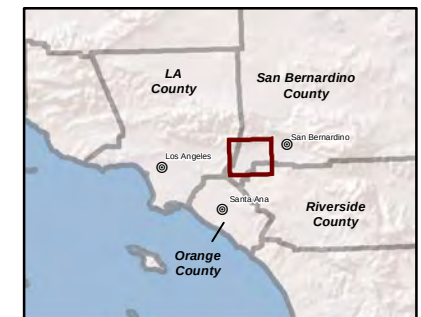
| ASR Well No. 33 |        |             |            |            |             |            |            |              |          |             |
|-----------------|--------|-------------|------------|------------|-------------|------------|------------|--------------|----------|-------------|
|                 | Date   | Injection   |            |            | Recovery    |            |            | Mass Balance |          |             |
|                 |        | Volume (AF) | TIN (mg/L) | TDS (mg/L) | Volume (AF) | TIN (mg/L) | TDS (mg/L) | Storage (AF) | TIN (kg) | TDS (kg)    |
| 4Q24            | Oct-24 | 0.0         | <0.2       | 170        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
|                 | Sep-24 | 0.0         | <0.2       | 170        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
|                 | Dec-24 | 0.0         | <0.2       | 170        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
| 1Q25            | Jan-25 | 0.0         | 0.4        | 200        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
|                 | Feb-25 | 0.0         | 0.4        | 200        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
|                 | Mar-25 | 0.0         | 0.4        | 200        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
| 2Q25            | Apr-25 | 0.0         | 0.3        | 210        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
|                 | May-25 | 0.0         | 0.3        | 210        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
|                 | Jun-25 | 0.0         | 0.3        | 210        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
| 3Q25            | Jul-25 | 0.0         | 0.3        | 260        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
|                 | Aug-25 | 0.0         | 0.3        | 260        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |
|                 | Sep-25 | 0.0         | 0.3        | 260        | 0           | 12.0       | 320        | (2,061)      | (79,681) | (1,153,705) |

The injected water is WFA-treated water, which meets CCR Title 22 drinking water  
Cells shaded in grey reflect most recent lab values.

| Total Project (All Wells) |        |  |              |           |             |
|---------------------------|--------|--|--------------|-----------|-------------|
|                           | Date   |  | Mass Balance |           |             |
|                           |        |  | Storage (AF) | TIN (kg)  | TDS (kg)    |
| 4Q24                      | Oct-24 |  | (7,718)      | (232,925) | (3,740,573) |
|                           | Sep-24 |  | (7,718)      | (232,927) | (3,740,622) |
|                           | Dec-24 |  | (7,718)      | (232,930) | (3,740,735) |
| 1Q25                      | Jan-25 |  | (7,718)      | (232,935) | (3,740,879) |
|                           | Feb-25 |  | (7,800)      | (234,148) | (3,766,215) |
|                           | Mar-25 |  | (7,897)      | (235,583) | (3,796,133) |
| 2Q25                      | Apr-25 |  | (7,904)      | (235,683) | (3,798,212) |
|                           | May-25 |  | (7,912)      | (235,798) | (3,800,617) |
|                           | Jun-25 |  | (7,922)      | (235,944) | (3,803,658) |
| 3Q25                      | Jul-25 |  | (7,929)      | (236,058) | (3,806,042) |
|                           | Aug-25 |  | (7,947)      | (236,316) | (3,811,408) |
|                           | Sep-25 |  | (8,185)      | (239,846) | (3,884,952) |

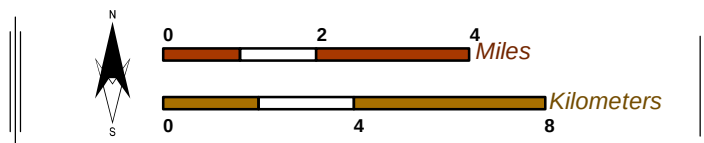


- Recharge Basins in the Recycled Water Groundwater Recharge Program
- Recharge Basins in the Recycled Water Groundwater Recharge Program (Active Recycled Water Recharge)
- Non-Program Basins
- Chino Groundwater Basin
- Rivers and Streams



**Chino Basin Recycled Water Groundwater Recharge Program**

*Basin Locations*



**Figure 1-1**





## Main Map Features

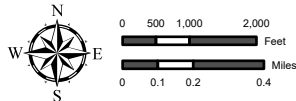
- Monitoring Well
- Other Well
- River/Stream/Creek
- Recharge Basin

## Monitoring Well Network

Hickory and Banana Basins

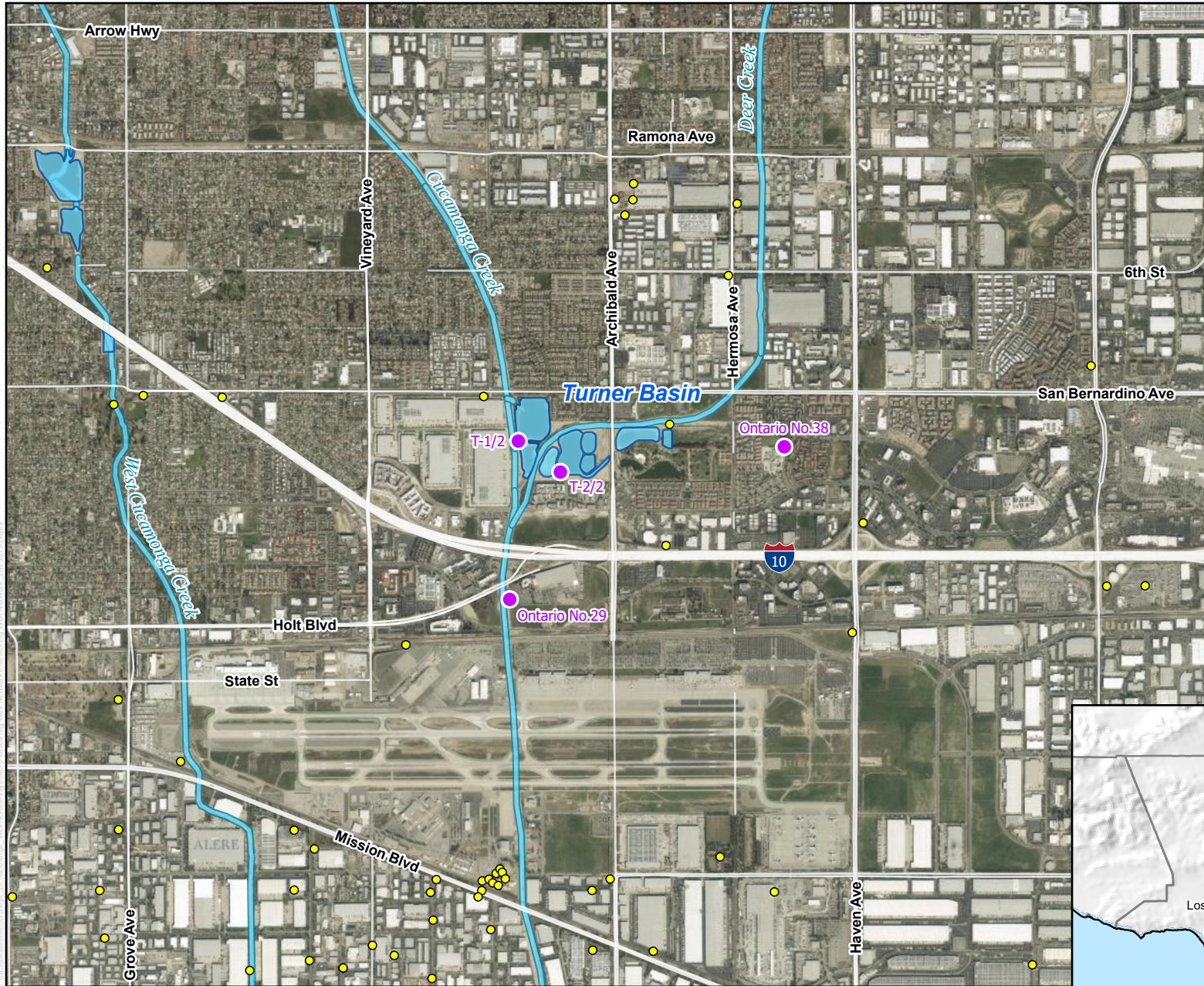
Figure 2-1

Recycled Water Recharge Program



Date: 8/6/2025





## Main Map Features

- Monitoring Well
- Other Well
- River/Stream/Creek
- Recharge Basin

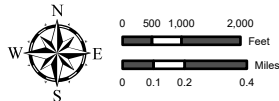


## Monitoring Well Network

Turner Basin

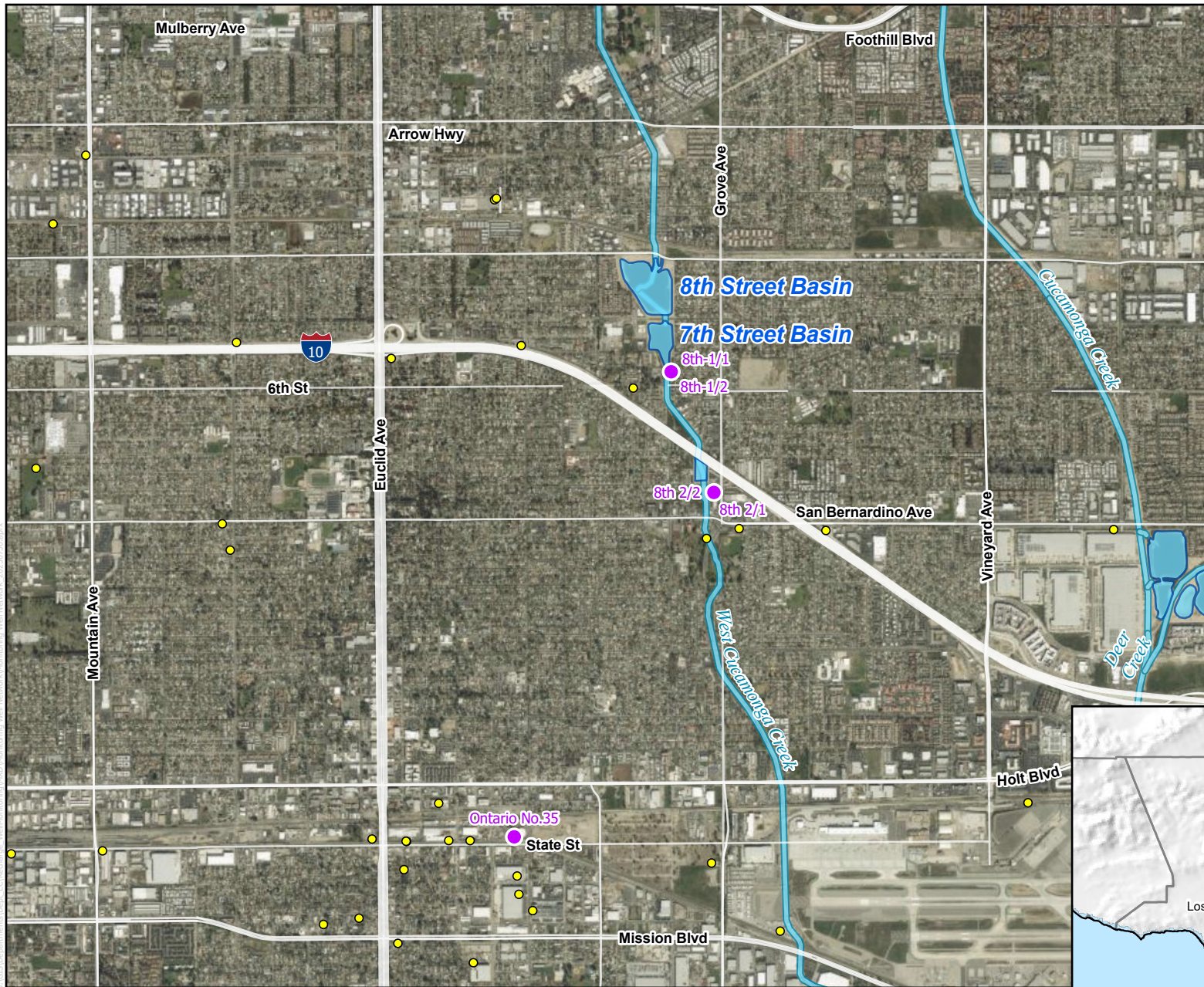
Figure 2-2

Recycled Water Recharge Program



Date: 8/5/2025





## Main Map Features

- Monitoring Well
- Other Well
- River/Stream/Creek
- Recharge Basin

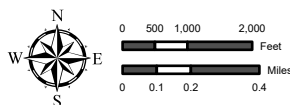


## Monitoring Well Network

7th and 8th Street Basins

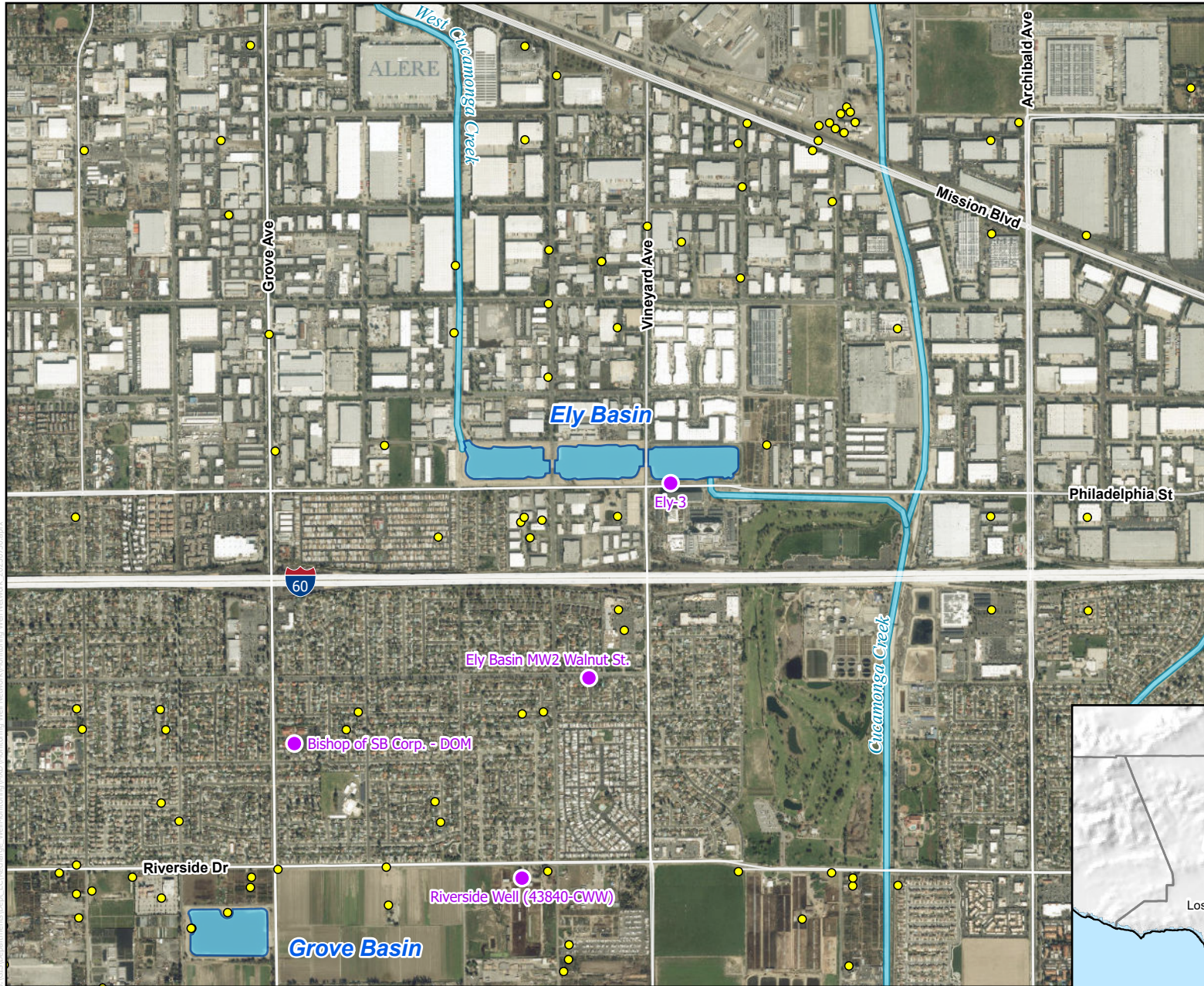
**Figure 2-3**

Recycled Water Recharge Program



Date: 8/5/2025





## Main Map Features

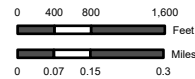
- Monitoring Well
- Other Well
- River/Stream/Creek
- Recharge Basin

## Monitoring Well Network

Ely Basin

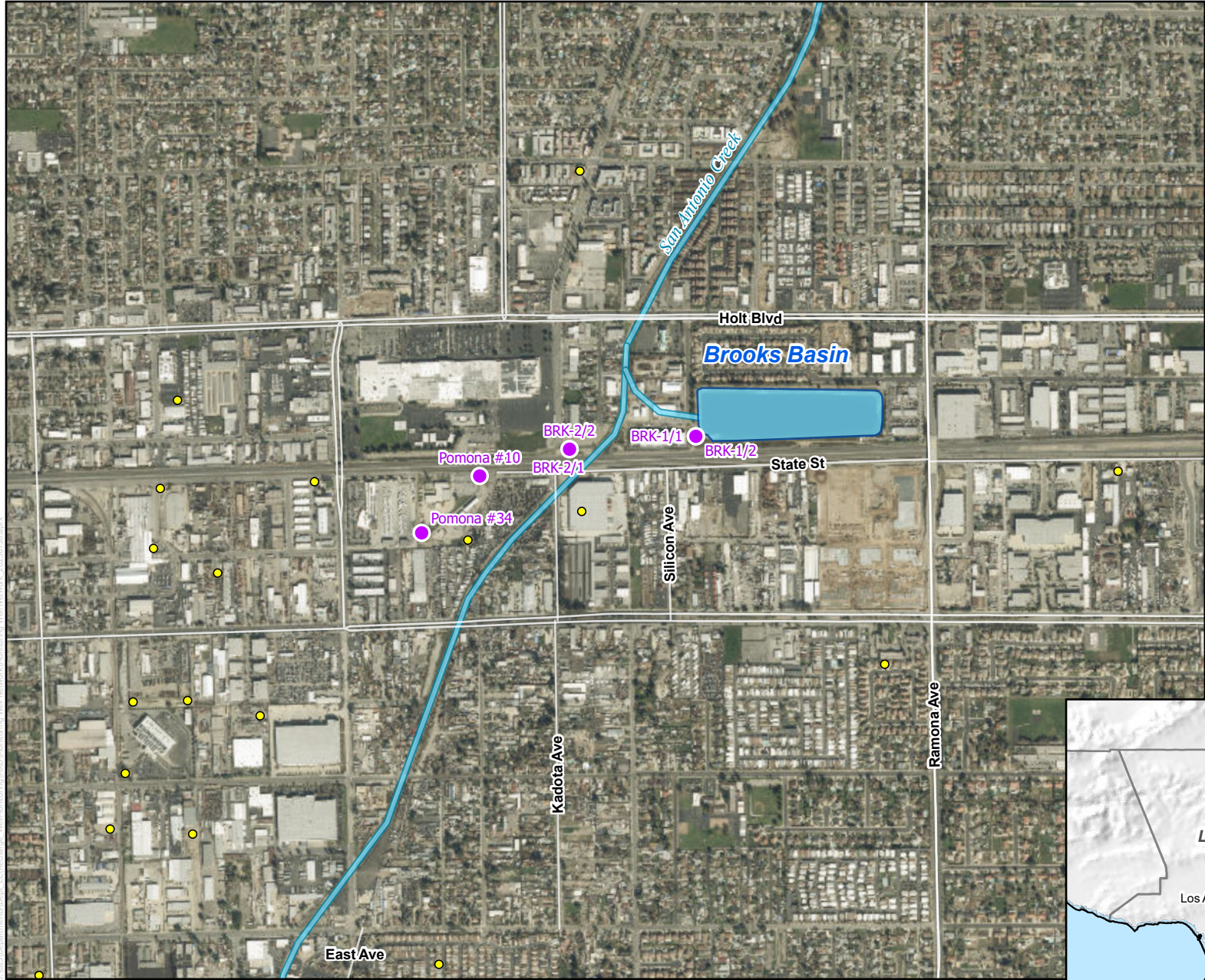
Figure 2-4

Recycled Water Recharge Program



Date: 8/6/2025





## Main Map Features

- Monitoring Well
- Other Well
- River/Stream/Creek
- Recharge Basin

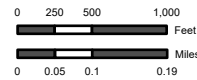


## Monitoring Well Network

Brooks Basin

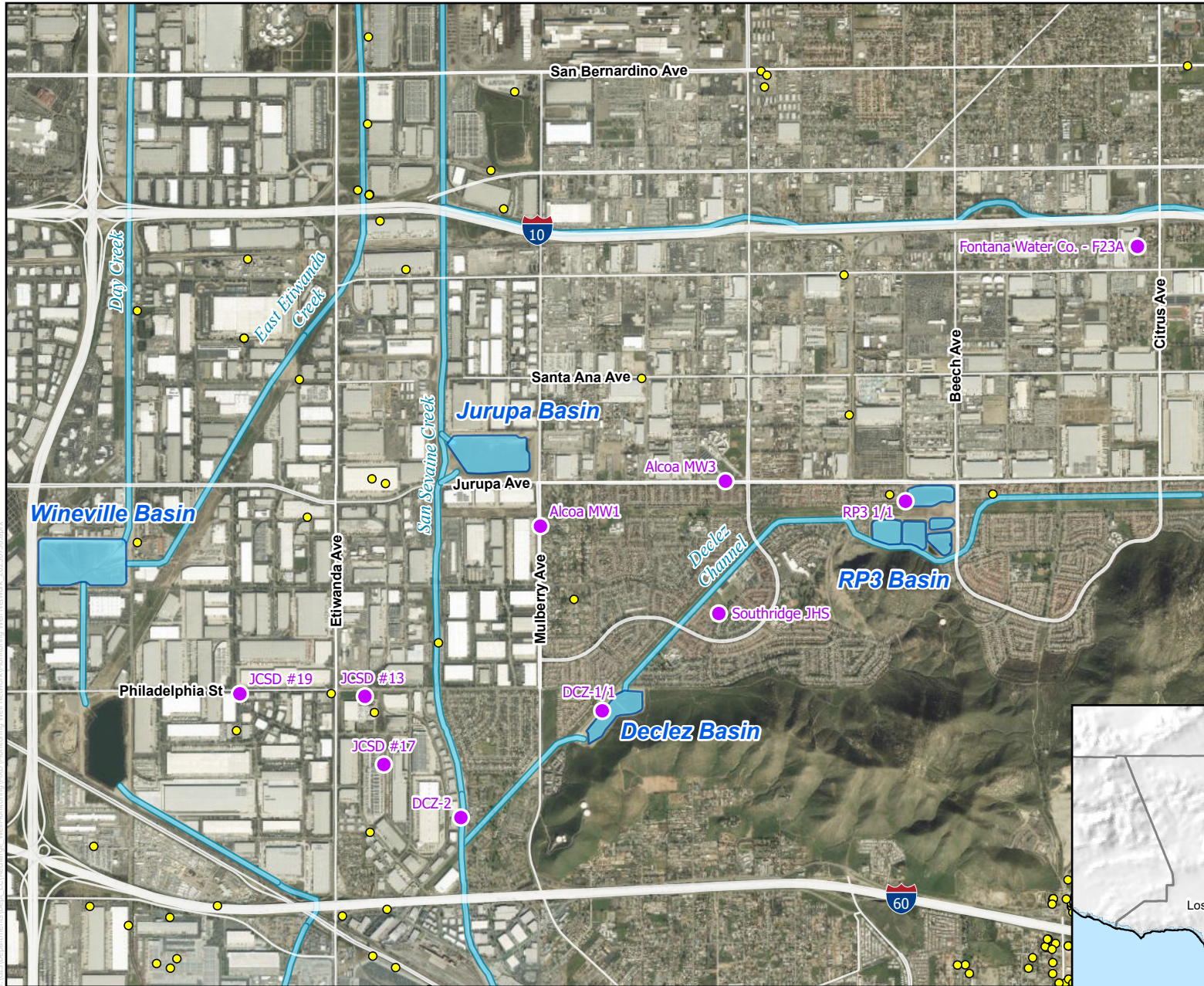
Figure 2-5

Recycled Water Recharge Program



Date: 8/5/2025





## Main Map Features

- Monitoring Well
- Other Well
- River/Stream/Creek
- Recharge Basin

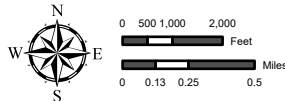


## Monitoring Well Network

Declez and RP3 Basins

**Figure 2-6**

Recycled Water Recharge Program



Date: 8/6/2025





## Main Map Features

- Monitoring Well
- Other Well
- River/Stream/Creek
- Recharge Basin

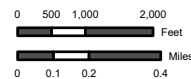


## Monitoring Well Network

San Sevaïne and Victoria Basins

**Figure 2-7**

Recycled Water Recharge Program



Date: 8/5/2025