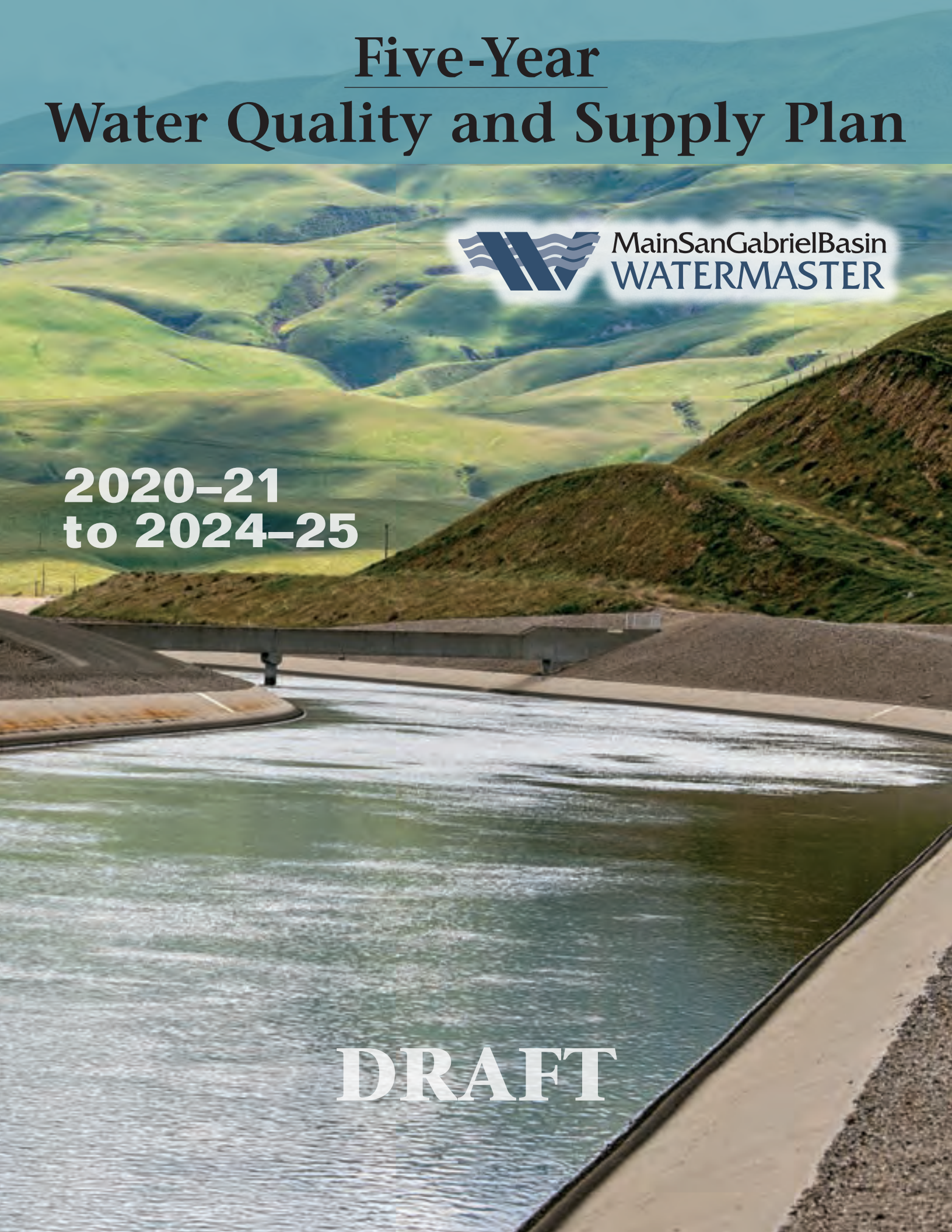
Five-Year Water Quality and Supply Plan



Main San Gabriel Basin WATERMASTER

2020–21 to 2024–25

DRAFT

"To assure that pumping does not lead to further degradation of water quality in the Basin, a Five-Year Water Quality and Supply Plan must be prepared and updated annually by Watermaster…"

Section 28 of Watermaster's Rules and Regulations

Cover photo: the California Aqueduct, credit California Department of Water Resources.

Five-Year Water Quality and Supply Plan

November 2020

Main San Gabriel Basin WATERMASTER

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INTRODUCTION

Main San Gabriel Basin Watermaster (Watermaster) annually prepares and updates this Five-Year Water Quality and Supply Plan (Five-Year Plan) in accordance with the requirements of Section 28 of its Rules and Regulations. The objective is to coordinate groundwater-related activities so that both water supply and water quality in the Main San Gabriel Basin (Basin) are protected and improved.

PURPOSE OF THE FIVE-YEAR PLAN

Many important issues are detailed in the Five-Year Plan, including Watermaster's plans for the following activities:

1. Monitor groundwater supply and quality.
2. Develop projections of future groundwater supply and quality.
3. Ensure adequate supplemental water is available for groundwater replenishment.
4. Review and cooperate on cleanup projects, and provide technical assistance to other agencies.
5. Assure that pumping does not lead to further degradation of water quality in the Basin.
6. Address emerging contaminants in the Basin.
7. Develop a cleanup and water supply program consistent with the U.S. Environmental Protection Agency (USEPA) plans for its Main San Gabriel Basin Superfund sites.
8. Continue to perform responsibilities under the Baldwin Park Operable Unit (BPOU) Project Agreement relating to project administration and performance evaluation.

WATERMASTER BACKGROUND AND HISTORY

The Los Angeles County Superior Court created the Main San Gabriel Basin Watermaster in 1973 to resolve water issues that had arisen among water users in the San Gabriel Valley. At that time, Watermaster's mission was to generally manage the water supply of the Basin. During the late 1970s and early 1980s, significant concentrations of contaminants were detected in the groundwater Basin. The contamination was caused in part by past practices of local industries that had inappropriately disposed of industrial solvents and by infiltration of nitrates from an earlier agricultural period. Cleanup efforts for industrial contamination were undertaken at the local, state, and federal levels.

WATERMASTER RECEIVES WATER QUALITY RESPONSIBILITIES

By 1989, local water agencies had adopted a joint resolution concerning water quality issues, which stated that Watermaster should coordinate local activities aimed at preserving and restoring the quality of groundwater in the Basin. The joint resolution also called for a Basin cleanup plan. In 1991, the Los Angeles County Superior Court granted Watermaster the authority to control pumping for water quality purposes.

Accordingly, Watermaster added Section 28 to its Rules and Regulations regarding water quality management. The new responsibilities included developing this Five-Year Water Quality and Supply Plan; updating it annually and submitting it to the California Regional Water Quality Control Board, Los Angeles Region (Regional Board); and making it available for public review by November 1 of each year.

PLAN TO PERMANENTLY BALANCE THE BASIN'S GROUNDWATER SUPPLY

For decades, the Basin depended on imported replenishment water to meet about 20% of local needs. The reliability of these imported supplies has been diminishing over the years. The 2011–2016 drought—the worst recorded in California history—made clear that Watermaster could not exclusively count on imported water deliveries each year for long-term sustainability.

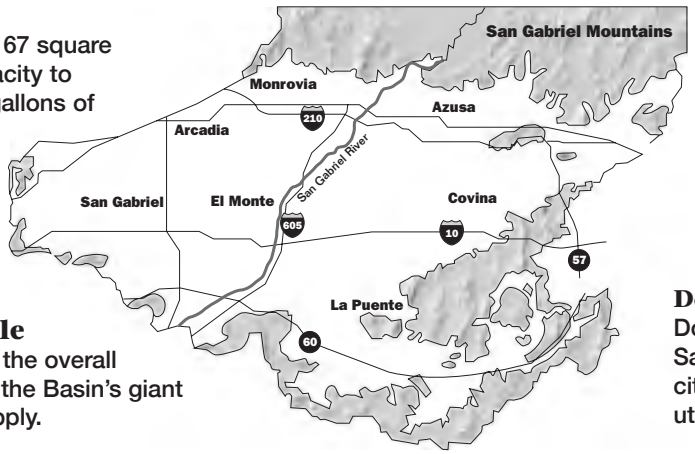
Early in the drought, Watermaster recognized the changes in water supply that were underway, and in 2012 unanimously approved an unprecedented set of changes to its Rules and Regulations to engage in developing new, proactive water supplies and storage.

There are many elements to the effort, but the three most important are:

1. **Maintain a low Operating Safe Yield (OSY).** The key impact of a low OSY is that it requires the purchase of additional Replenishment Water to meet demands, while helping to refill the Basin.
2. **Collect funds through the Resources Development Assessment (RDA) to purchase Replenishment Water whenever it is available** and use the water to replenish the Basin to help counter the impacts of future extreme droughts.
3. **Collaborate in the Metropolitan Water District's (MWD) Regional Recycled Water Program,** which has the potential to deliver large amounts of recycled water to the Basin to replace variable imported supplies and decreased local runoff in dry years.

Figure 1. AREA COVERED BY MAIN SAN GABRIEL BASIN

2.8 Trillion Gallons
Has a surface area of 167 square miles and has the capacity to hold about 2.8 trillion gallons of groundwater.



Precious Underground Water Supply
Provides up to 90 billion gallons of groundwater annually, enough to meet 80% or more of San Gabriel Valley's 1.4 million residents' demand for water.

Watermaster's Role
Watermaster manages the overall quantity and quality of the Basin's giant underground water supply.

Dozens of Water Agencies
Dozens of water providers serve the San Gabriel Valley. Among them are cities, public water districts, private utilities, and mutual water companies.

CURRENT WATER SUPPLY CONDITIONS

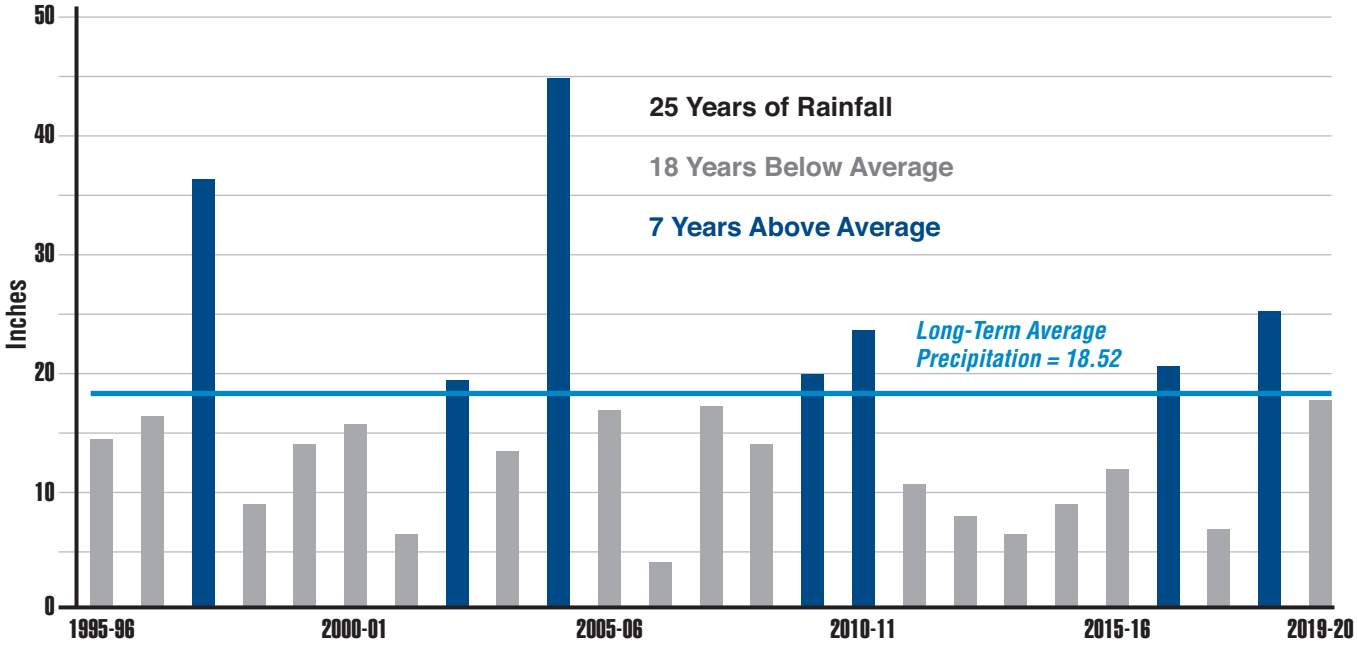
Drier-than-normal conditions have persisted in the San Gabriel Valley for the past two decades. Commencing fiscal year 1995–96, annual rainfall has been below the long-term average annual amount of 18.52 inches in 18 of the past 25 years. Annual rainfall for fiscal year 2019–20 was 17.73 inches, which is about 96% of average.

More information about programs to improve long-term water reliability is provided under Water Supply and Drought Management Planning and Actions on page 24 at the end of Section IV.

WATER SUPPLY INFLOWS DURING 2019–20

VALLEY RECEIVES 96% AVERAGE RAINFALL

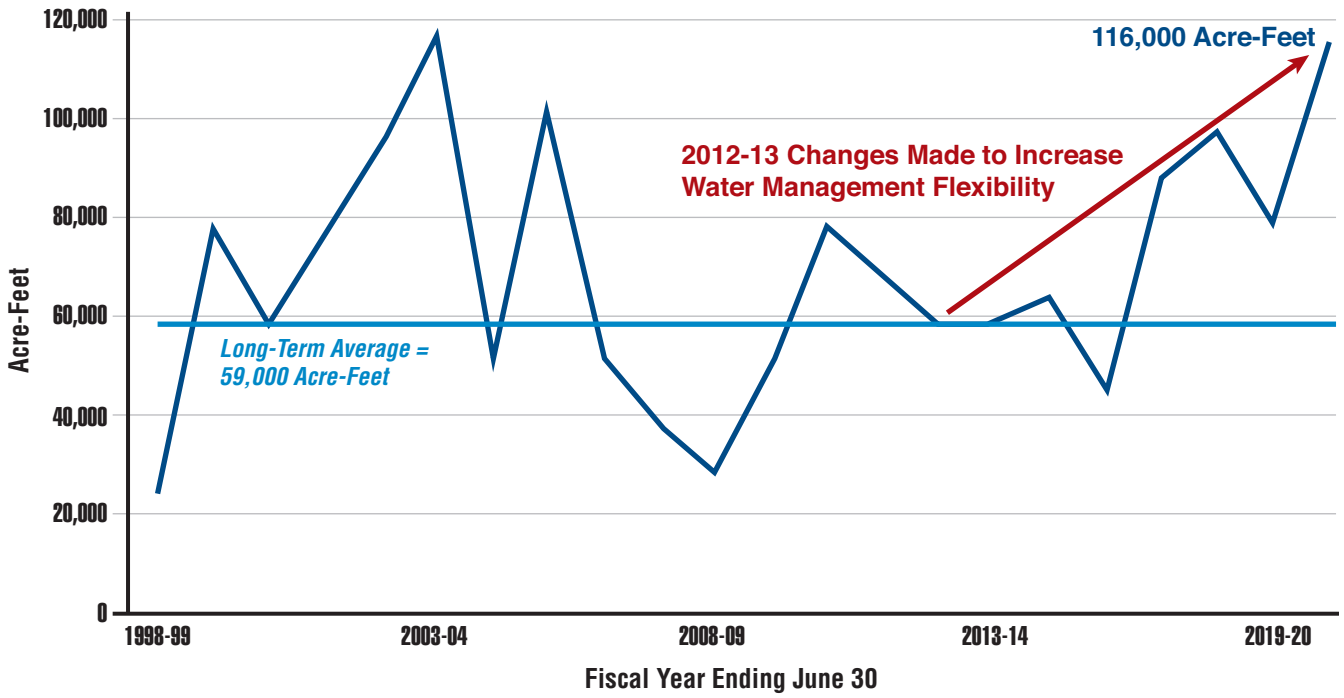
Figure 2. RAINFALL WAS BELOW LONG-TERM AVERAGE



SOURCE: San Gabriel River Watermaster

In 2019–20, the San Gabriel Valley received 17.73 inches of rain, which is about 96% of the long-term average of 18.52 inches. The rainfall total is made up of an average taken from four stations located in San Dimas, Diamond Bar, El Monte, and Pasadena. Rainfall has been below average over the past two decades. Eighteen of the past 25 years have experienced below-average rainfall.

Figure 3. IMPORTED WATER DELIVERIES CONTINUE UPWARD TREND

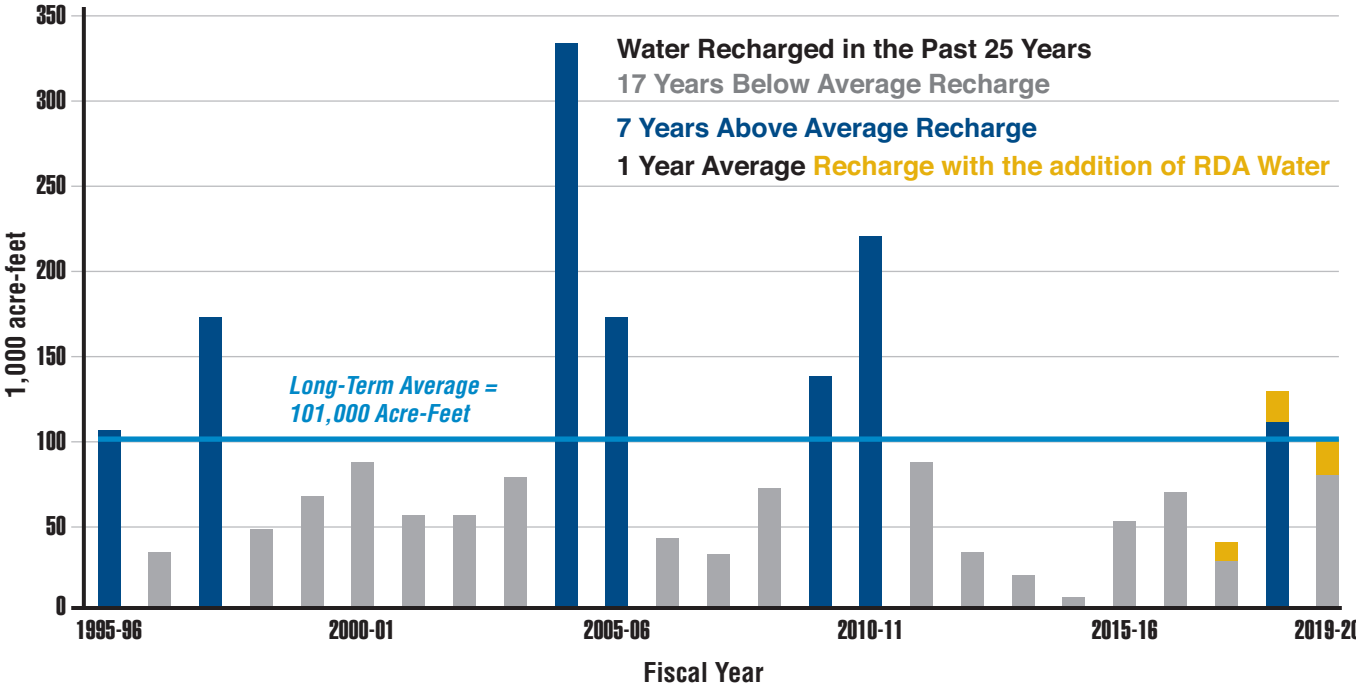


Imported water deliveries (treated and untreated) during 2019–20 totaled about 116,000 acre-feet for direct use and groundwater replenishment. This is about 197% higher than the long-term average of about 59,000 acre-feet.

MANAGEMENT CHANGES SINCE 2012–13 ARE RESULTING IN INCREASED IMPORTED SUPPLIES

The long-term reliability of imported water supplies has decreased due to drought, increased competition for limited water supplies and regulations that allocate water supplies for environmental uses. Despite these challenges, Watermaster's assertive management programs and flexible funding for imported water supply purchases through the RDA, Cyclic Storage, and other programs has enabled a trend of increasing imports of water to help balance the Basin over the long term.

Figure 4. LOCAL WATER CONSERVED ABOUT 100% OF AVERAGE



Approximately 79,000 acre-feet of local water and 22,000 acre-feet of RDA water was conserved during 2019-20. The purchase of RDA water has helped 2019-20 to become about 100% of the long-term average.

LOCAL STORMWATER CAPTURE 78% OF LONG-TERM AVERAGE

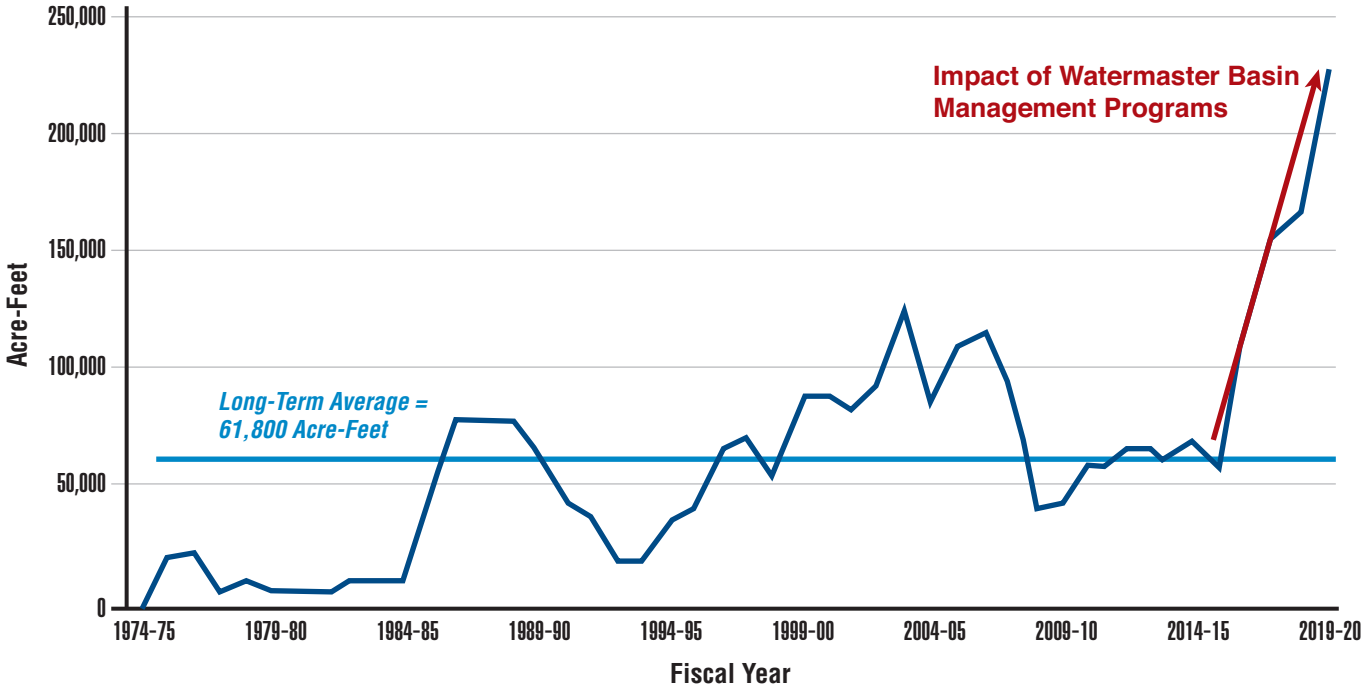
Total rainfall from 2011–12 through 2017–18 had been well below average (an especially severe seven-year drought period within a longer 20-plus years of mostly drought conditions). As a result, the San Gabriel River Watershed was very dry in 2017–18. However, during 2018–19, rainfall was about 140% of average, which saturated the soil and increased stormwater runoff capture and storage in reservoirs for subsequent replenishment. During 2019–20, rainfall was about 96% of average. However, stormwater capture was about 79,000 acre-feet, which was only 78% of average. Once again, the dry ground absorbed more rainfall, limiting runoff.

Stormwater runoff from rainfall, as well as delivery of RDA water and untreated imported water, increased the groundwater level by about six feet during fiscal year 2019-20.

Imported RDA water is another source of groundwater replenishment that supplements local stormwater capture. In addition to local stormwater capture, about 22,000 acre-feet of untreated imported water was replenished for general benefit as part of Watermaster's RDA Program. Consequently, a total of about 101,000 acre-feet of water was replenished, which is roughly 100% of the long-term average. At the end of the fiscal year (June 30, 2020), about 63,000 acre-feet of local stormwater runoff remained in storage in reservoirs in the San Gabriel Canyon. About half of this stored water is used for groundwater replenishment in the Basin—representing an additional four-foot increase in Basin water levels—to offset decreasing groundwater levels caused by pumping.

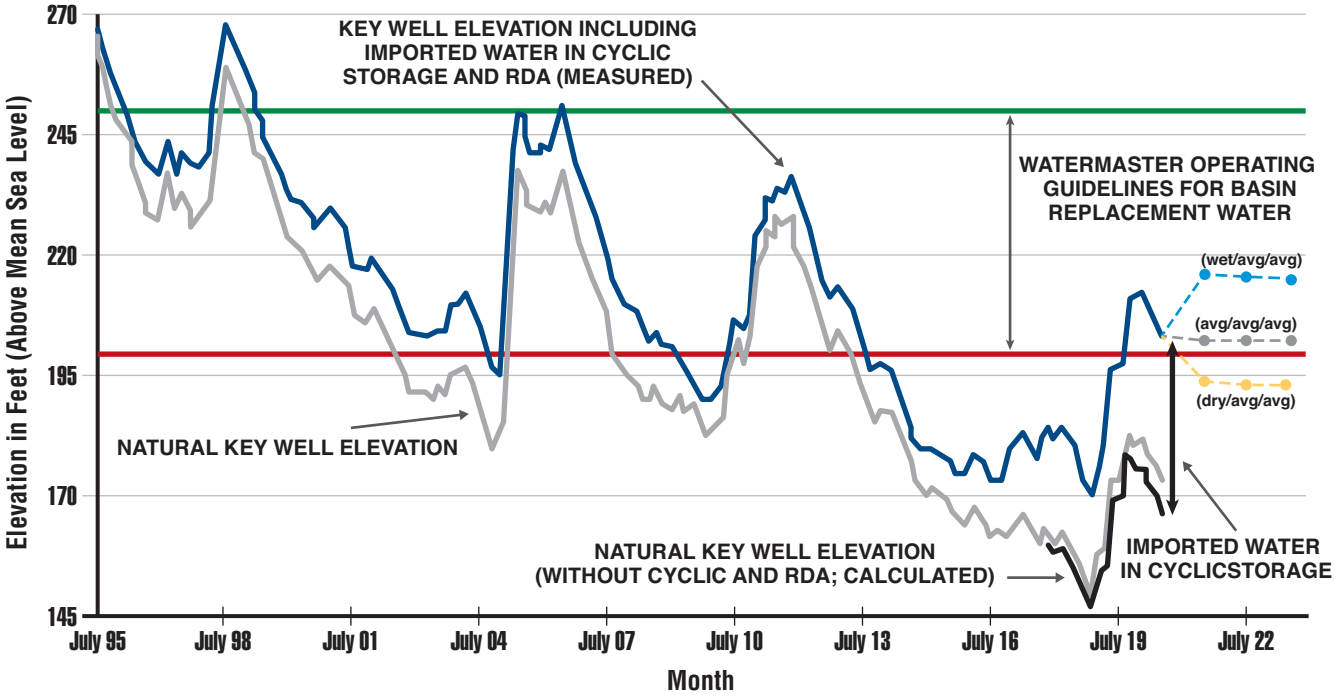
Agreement to Pre-Deliver Imported Water Provided Additional Replenishment Water. Recognizing the importance of delivering untreated imported water when it was available, during fiscal year 2017–18 Watermaster and the Upper San Gabriel Valley Municipal Water District (Upper District) entered into an agreement with Metropolitan Water District of Southern California (MWD) to pre-deliver untreated imported water to complement the RDA Program. MWD delivered a total of 58,517.5 acre-feet during 2017-18. Subsequently, during fiscal year 2018–19, Watermaster and Upper District entered into a second agreement with MWD to pre-deliver an additional 110,000 acre-feet of untreated imported water during calendar year 2019. MWD delivered a total of about 97,000 acre-feet in 2019. In addition, Watermaster and the Three Valleys Municipal Water District (Three Valleys District) entered into a similar agreement with MWD to pre-deliver Untreated imported water in 2019-20.

Figure 5. CYCLIC STORAGE CONTINUES UPWARD TREND



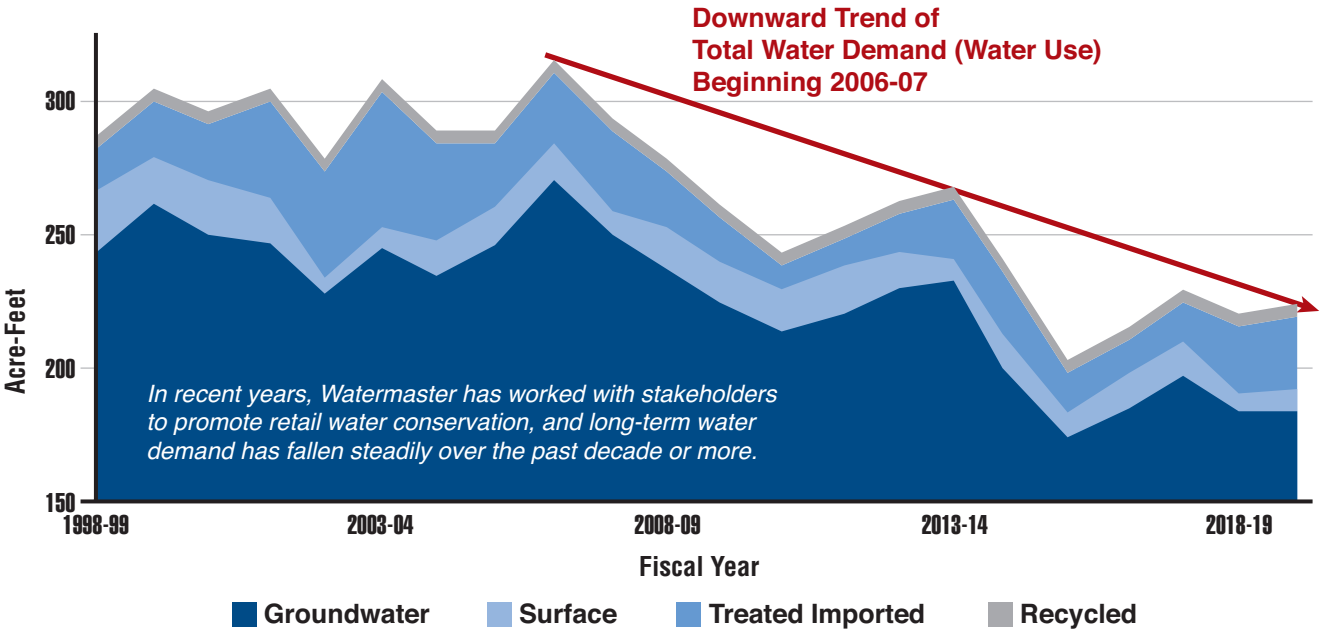
As of June 30, 2020, a total of about 225,500 acre-feet was in Cyclic Storage: about 24,000 acre-feet from Three Valleys Municipal Water District, about 8,900 acre-feet by San Gabriel Valley Municipal Water District, 8,000 acre-feet by Upper San Gabriel Valley Municipal Water District, 38,700 acre-feet by Producers, 12,700 acre-feet by Water Resource Development, 123,600 acre-feet by MWD, and 9,600 acre-feet by Puente Basin Water Agency. Cyclic Storage as of June 30, 2020, was about 58,800 acre-feet above the previous year's total. Long-term average annual storage is about 61,800 acre-feet.

Figure 6. CYCLIC STORAGE AND RAINFALL IMPACTS ON KEY WELL



The additional water provided by Cyclic Storage and RDA Water helps local agencies meet their future Replacement Water obligations. This graph also forecasts Key Well elevations for three scenarios: wet years, average years, and dry years.

Figure 7. TOTAL WATER DEMAND (WATER USE) DECREASED



Long-term average water demand is about 261,993 acre-feet. During fiscal year 2019–20, total demand was about 223,900 acre-feet, made up of groundwater (183,300 acre-feet), surface water (9,300 acre-feet), imported treated water (26,300 acre-feet), and recycled water (5,000 acre-feet).

LOCAL WATER DEMAND (WATER USE) BELOW AVERAGE

Total water use within the San Gabriel Valley consists of groundwater production, surface water diversions, treated imported water deliveries, and recycled water for irrigation projects. During the previous fiscal year (2018–19), total water use was about 220,000 acre-feet. During fiscal year 2019–20, total water use was about 223,900 acre-feet (details available in caption for Figure 7).

Conservation Programs Are Working. In recent years, Watermaster has worked with stakeholders to promote retail water conservation, and water use has decreased due to greater consumer awareness of drought conditions and increased water conservation by those consumers. Total water use during fiscal year 2019–20 is about 5% lower than the recent ten-year average of about 235,000 acre-feet, and also about 16% lower than fiscal year 2013–14, which preceded the then governor's declaration mandating water conservation.

CONTINUED TO MAINTAIN A CONSERVATIVE OPERATING SAFE YIELD

Main San Gabriel Basin Watermaster annually establishes an OSY, which is based on prevailing hydrologic conditions in the San Gabriel Valley. Because production in excess of the OSY is subject to an assessment that is used to purchase untreated imported water to replenish the Basin, setting a low OSY encourages conservation and increases funding to purchase additional imported supplies to replenish the Basin. Maintaining a low OSY is a central part of the overall plan to manage the Basin in a way that makes the water supply more stable and the costs more predictable in both wet and dry years.

Total Basin production during fiscal year 2019–20 was about 192,600 acre-feet, which was about 1% higher than the previous year. Production in excess of water rights during fiscal year 2019–20 was about 37,200 acre-feet, about the same as the prior year and about 1% lower than the long-term average of about 37,700 acre-feet. Watermaster aggressively responded to the decreasing trend of the groundwater level at the Key Well during fiscal year 2019–20 by establishing an OSY of 150,000 acre-feet for fiscal year 2020–21 (identical to the OSY for the last six years and about 45,000 acre-feet below the long-term average of about 195,000 acre-feet).

KEY WELL WITHIN OPERATING RANGE

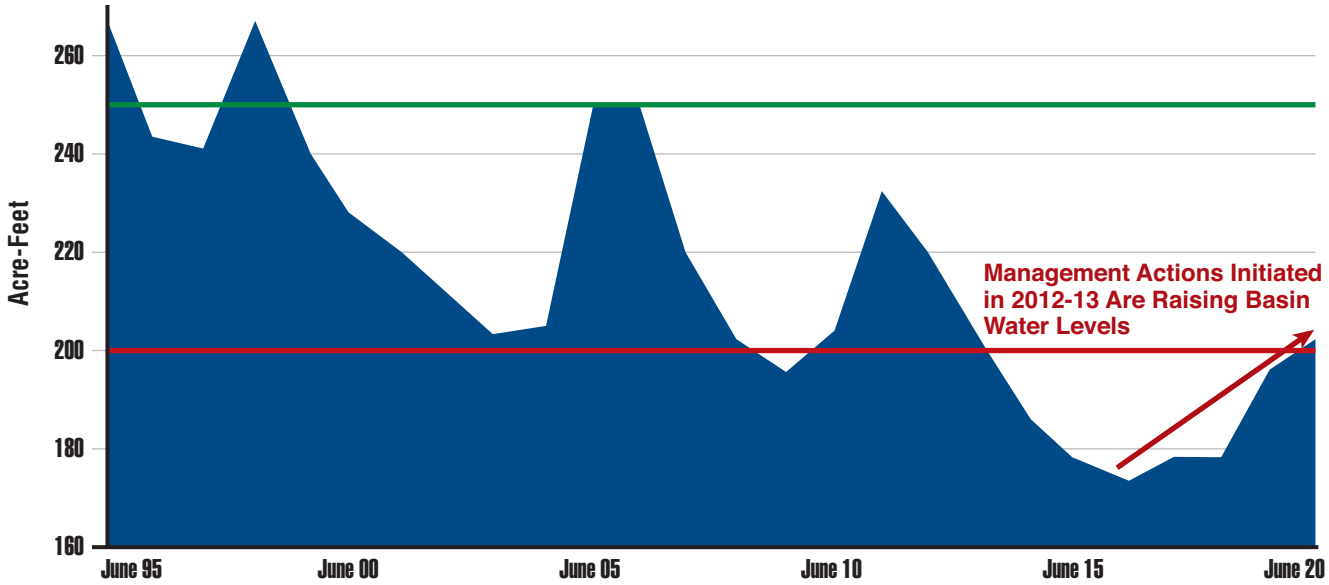
The Baldwin Park Key Well is used as the benchmark for determining how the groundwater supply for the entire Basin is trending. In accordance with the Judgment, Watermaster manages the Basin with a goal of maintaining the groundwater level at the Key Well between 200 feet and 250 feet above mean sea level to the extent possible. As of November 21, 2018, the groundwater level at the Baldwin Park Key Well had declined to a historic low of about 169 feet. It has since risen 34 feet to just above 203 feet as of June 30, 2020, due to extensive management actions, described below, and improved rainfall.

FACTORS THAT INITIATED RECOVERY IN KEY WELL LEVELS

Collectively, the factors below and others resulted in a Key Well elevation of 203.1 feet as of June 30, 2020—an increase of about 6.3 feet from the prior year. This elevation is about 3 feet above the "low" end of the target operating range for Watermaster.

- **Increased Rainfall.** During fiscal year 2019-20, rainfall was about 96% of average while stormwater runoff was about 78% of average.
- **Coordination to Import Untreated Water.** Watermaster coordinated with Producers and the Responsible Agencies to import about 89,000 acre-feet of untreated water to the Basin. In addition, about 22,000 acre-feet of RDA water was delivered to the Basin to augment stormwater runoff.
- **Continued Low Groundwater Pumping.** Groundwater production was only about 183,300 acre-feet, well below the long-term average of about 222,000 acre-feet.

Figure 8. KEY WELL ELEVATIONS DURING THE LAST TEN YEARS

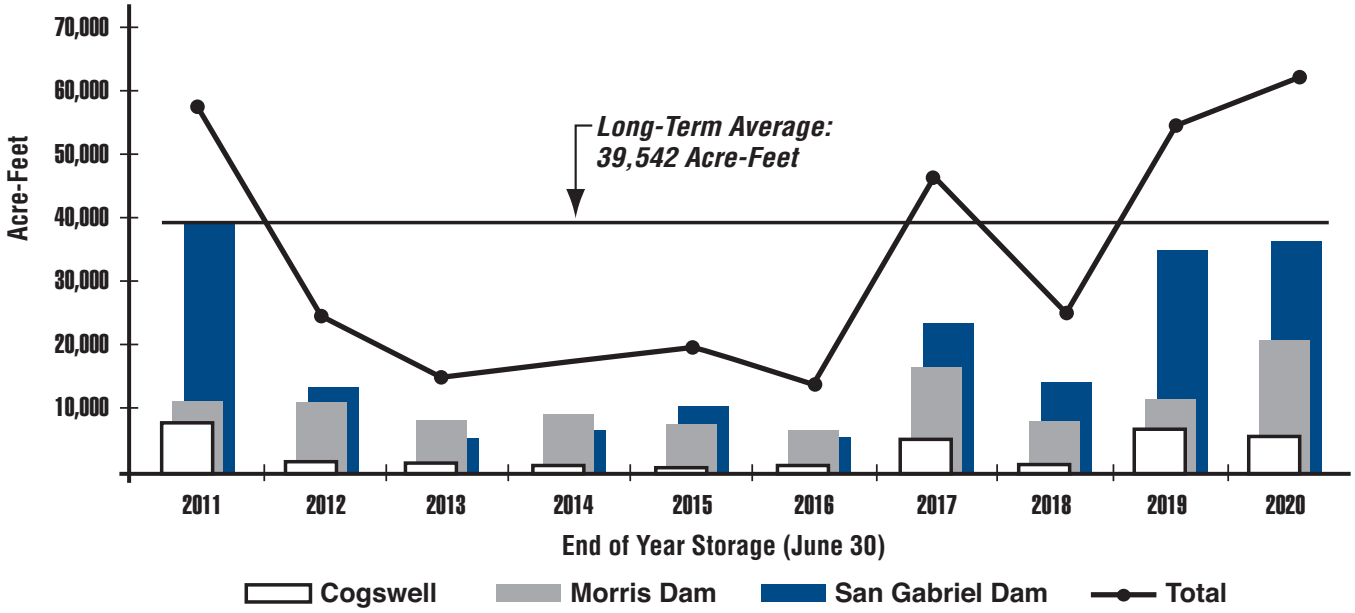


Key Well Brought Within Operating Range. The groundwater elevation at the Key Well on June 30, 2020, was 203.1 feet, which is within the Basin's target operating range of 200 to 250 feet.

INCREASE IN WATER STORED IN CANYON RESERVOIRS

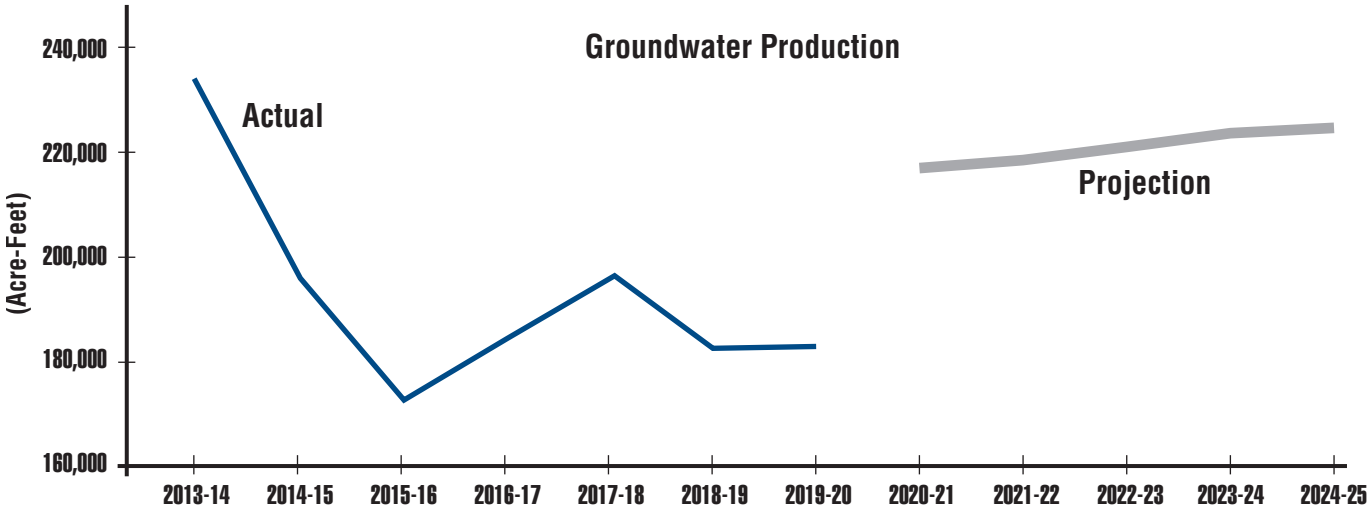
Cogswell, San Gabriel, and Morris Reservoirs have a combined maximum storage capacity of about 85,000 acre-feet. At the end of the 2019–20 fiscal year, about 63,000 acre-feet of water was stored in these reservoirs. This is about 8,000 acre-feet more than the previous year, representing about 158% of the long-term average of about 40,000 acre-feet of water in storage at the end of the fiscal year, and about 76% of total reservoir capacity. In addition, about 79,000 acre-feet of solely local runoff was recharged into the groundwater basin during fiscal year 2019–20.

Figure 9. WATER STORED IN SAN GABRIEL CANYON RESERVOIRS



Total water stored in San Gabriel Canyon reservoirs at the end of the fiscal year was 62,559 acre-feet, about 158% of the long-term average.

Figure 10. PROJECTED AND HISTORICAL WATER PRODUCTION



Total groundwater production from the Basin for the 2019–20 fiscal year was about 183,300 acre-feet, which is higher than the previous year's production of 183,100 acre-feet, and significantly lower than the ten-year average of 202,000 acre-feet. The decrease in groundwater production over time, as illustrated in Figure 10, is primarily the result of increased water conservation at the consumer level. Groundwater production is influenced by a variety of conditions, including population, seasonal precipitation, groundwater contamination, and availability of surface water. Excluding the impacts of seasonal precipitation, groundwater production had experienced a gradual long-term increase, consistent with increasing population, as shown in Figure 10.

Since 2013–14, there has been a significant decrease in groundwater (and overall) demand, which is likely the result of increased water conservation by consumers.

CURRENT WATER QUALITY CONDITIONS

Groundwater delivered to customers continues to be of high quality and always meets state and federal drinking water standards. However, several contaminants in areas of the Basin require careful monitoring and treatment before the water is served for domestic use. These contaminants include a variety of industrial solvents referred to as volatile organic compounds (VOCs) and nitrates (primarily from fertilizers used during the Valley's agricultural period). Since 1997, additional contaminants have been detected: perchlorate, a solid rocket fuel ingredient; N-nitrosodimethylamine (NDMA), associated with liquid rocket fuel; 1,2,3-trichloropropane (1,2,3-TCP), a degreasing agent; and 1,4-dioxane, a stabilizer for chlorinated solvents.

Since the early 1990s, over 1.73 million acre-feet of contaminated groundwater have been treated for beneficial use.

AGGRESSIVE WATER QUALITY RESPONSE BEGAN IN 1980s

While only present in limited portions of the Basin, the detected contaminants pose difficult challenges to water Producers. When the chemicals were initially detected in the late 1980s, Watermaster responded vigorously and worked closely with the local water community to sponsor research on treatment methods and to design, fund, and construct cleanup projects as rapidly as possible rather than waiting for the USEPA and the firms named as responsible for the contamination to take action.

In response to the detection of these contaminants, Watermaster and local water entities aggressively pursued construction of treatment facilities to control the spread of contaminants and continue providing high-quality water that meets all state and federal drinking water standards. This policy of remediation and reuse preserves a valuable resource, particularly during the current prolonged drought conditions, and reduces the overall cost of groundwater cleanup. Initially, a number of VOC treatment facilities were constructed, and water with excessive nitrate concentrations was blended with higher-quality water to reach acceptable levels. Since the detection of perchlorate, NDMA, 1,2,3-TCP, and 1,4-dioxane, Watermaster has been instrumental in the successful development and operation of facilities to treat those contaminants.

WATERMASTER IS ACTIVE IN OPERABLE UNITS

Multiple Roles in Baldwin Park Operable Unit. Watermaster led negotiations that resulted in the BPOU Project Agreement, including reimbursement for groundwater cleanup costs from certain parties responsible for the contamination. Under the BPOU Agreement, Watermaster is responsible for overall project coordination and administration, groundwater monitoring, and compliance with USEPA reporting requirements. Watermaster also participates in decisions regarding construction, operations, and technology selection. Now that all of the BPOU treatment facilities are operational, Watermaster also monitors the BPOU Project's performance in containing and removing contamination.

Watermaster Role in Other Operable Units. In addition to cleanup activities with the BPOU, Watermaster coordinates and maintains records on groundwater cleanup efforts within the Puente Valley Operable Unit (PVOU), the El Monte Operable Unit (EMOU), South El Monte Operable Unit (SEMOU), the Area 3 Operable Unit (Area 3 OU), and the Whittier Narrows Operable Unit (WNOU). The location of these Operable Units is shown in Figure 11.

PRIMARY CONTAMINANTS IN THE GROUNDWATER BASIN

VOLATILE ORGANIC COMPOUNDS AND NITRATES

The location of VOC contamination and cleanup methods for VOCs are generally well understood and are being safely treated and managed within the Basin.

VOCs and nitrates are the most prevalent contaminants found in the Basin. Intensive monitoring and research concerning these two types of contaminants have been underway for many years. During fiscal year 2019–20, 30 plants treated roughly 24.4 billion gallons (about 75,000 acre-feet) of VOC-contaminated water as shown in the table at the end of Appendix E.

Although VOC contamination is substantial, as Figure 12 shows, it is centered in just a few areas, leaving a large portion of the Basin unaffected. Figure 13 indicates that nitrates are also concentrated in a few areas, with the highest concentrations in the eastern portion of the Basin, away from the most productive pumping areas. Water containing nitrates above the Maximum Contaminant Level (MCL) is either blended with other low-nitrate sources of water or not used.

PERCHLORATE

The location of perchlorate contamination and cleanup methods for perchlorates are generally well understood and are being safely treated and managed within the Basin.

Background on Perchlorate. In January 2002, the State Water Resources Control Board, Division of Drinking Water (DDW), lowered the Notification Level (NL) for perchlorate from 18 parts per billion to 4 parts per billion, and 22 wells were removed from service due to unacceptable levels of perchlorate. DDW subsequently raised the NL to 6 parts per billion in March 2004, and later established an MCL of 6 parts per billion during October 2007. Watermaster played a key role in developing the first treatment facility to remove perchlorate from drinking water. On February 27, 2015, the Office of Environmental Health Hazard Assessment (OEHHA) published an updated Public Health Goal (PHG) of 1 part per billion for perchlorate in drinking water. Once OEHHA establishes or revises a PHG for a contaminant with an MCL, a determination will be made by DDW as to whether the MCL should be considered for possible revision.

This Year's Perchlorate Related Actions. Ion-exchange technology treatment facilities were operational at five sites in the BPOU and at two facilities in other parts of the Basin during fiscal year 2019–20. Based on their review of the perchlorate MCL, DDW recommended to first establish a lower Detection Limit for Purposes of Reporting (DLR) to gather additional occurrence data, and then revise the MCL if the new data support development of a new standard. In April 2020,

DDW issued a Notice of Proposed Rulemaking to consider lowering the perchlorate DLR to 2 parts per billion. In anticipation of a possible revision to the perchlorate MCL, Watermaster coordinated with Producers to conduct "low-level" detection sampling for perchlorate, using a laboratory detection level of 0.1 part per billion, which allowed for detection of perchlorate below the current DLR of 4 parts per billion.

The location of NDMA contamination and cleanup methods for NDMA are generally well understood and are being safely treated and managed within the Basin.

N-NITROSODIMETHYLAMINE (NDMA)

During 1998, eight local wells were found to contain levels of NDMA above the NL (2 parts per trillion at that time). Five of the wells with measurable levels of NDMA had already been taken out of service for other reasons; the other three were put on inactive status once NDMA was detected. DDW subsequently raised the NL to 10 parts per trillion. As with perchlorate, Watermaster played a key role in the construction of NDMA treatment facilities in the BPOU area of the Basin. Five facilities were operational during fiscal year 2019–20.

The location of 1,2,3-TCP contamination and cleanup methods for 1,2,3-TCP are generally well understood and are being safely treated and managed within the Basin.

1,2,3-TRICHLOROPROPANE (1,2,3-TCP)

The degreasing agent 1,2,3-TCP has been detected in the groundwater above the MCL of 5 parts per trillion, primarily in the BPOU and the Area 3 OU. The compound was detected in the BPOU during the winter of 2006, and its presence delayed use of one treatment facility for potable purposes. Following detection, Watermaster, in cooperation with its BPOU Project partners, worked to construct treatment facilities to remove 1,2,3-TCP from the groundwater to make it suitable for potable uses. Those facilities remained operational during fiscal year 2019–20.

ACTION ON EMERGING CONTAMINANTS: PFAS (PER-AND POLYFLUOROALKYL SUBSTANCES)

Background on PFAS. PFAS are a class of synthetic chemicals that are not found naturally in the environment. PFAS are used extensively in consumer products such as carpets, clothing, paper packaging for food, personal care items (e.g., cosmetics, fragrances, hairspray), and other materials designed to be waterproof, stain-resistant, or nonstick (e.g., cookware). PFAS are persistent and do not break down in the environment.

Current Actions on PFAS. Perfluorooctanoic acid (PFOA) and perfluorooctyl sulfonate (PFOS) are two key PFAS chemicals. DDW required specific water systems to conduct water quality tests for these compounds during 2019 and established the NL for PFOA at 5.1 parts per trillion and PFOS at 6.5 parts per trillion. DDW also established a Response Levels (RL) of 10 parts per trillion for PFOA and 40 parts per trillion for PFOS, based on a running four-quarter average. Exceedance of the RL requires the drinking water source to be taken out of service or the water system must provide public and customer notice of the exceedance. To assist the Producers, Watermaster conducts and will continue conducting PFAS sampling and monitoring as required by the State Water Resources Control Board as part of the Basinwide Groundwater Monitoring Program (BGWQMP). In addition, Watermaster is working with DDW to characterize the extent of PFAS in the Basin.

WELLS ASSESSED FOR VULNERABILITY TO CONTAMINATION

One of the primary purposes of the Five-Year Plan is to identify Basin wells that are vulnerable to contamination. A well is considered vulnerable if the concentration of contaminants has ever reached 50% of the NL or MCL allowed by state drinking water regulations. In an effort to project which wells may be vulnerable over the next five years, Watermaster reviews water quality tests performed on each well, regional water quality conditions, and contaminant migration patterns. Watermaster also participates in plans to construct treatment facilities, as needed.

WATER QUALITY PROTECTION PLAN

Watermaster maintains a Water Quality Protection Plan that provides an early warning to Producers of potential increases in contaminant levels. The Water Quality Protection Plan also provides suggested alternative sources of supply and proposes long-term actions to solve contamination problems without contributing to the migration of contaminants in the Basin.

Figure 11. LOCATION MAP OF USEPA OPERABLE UNITS

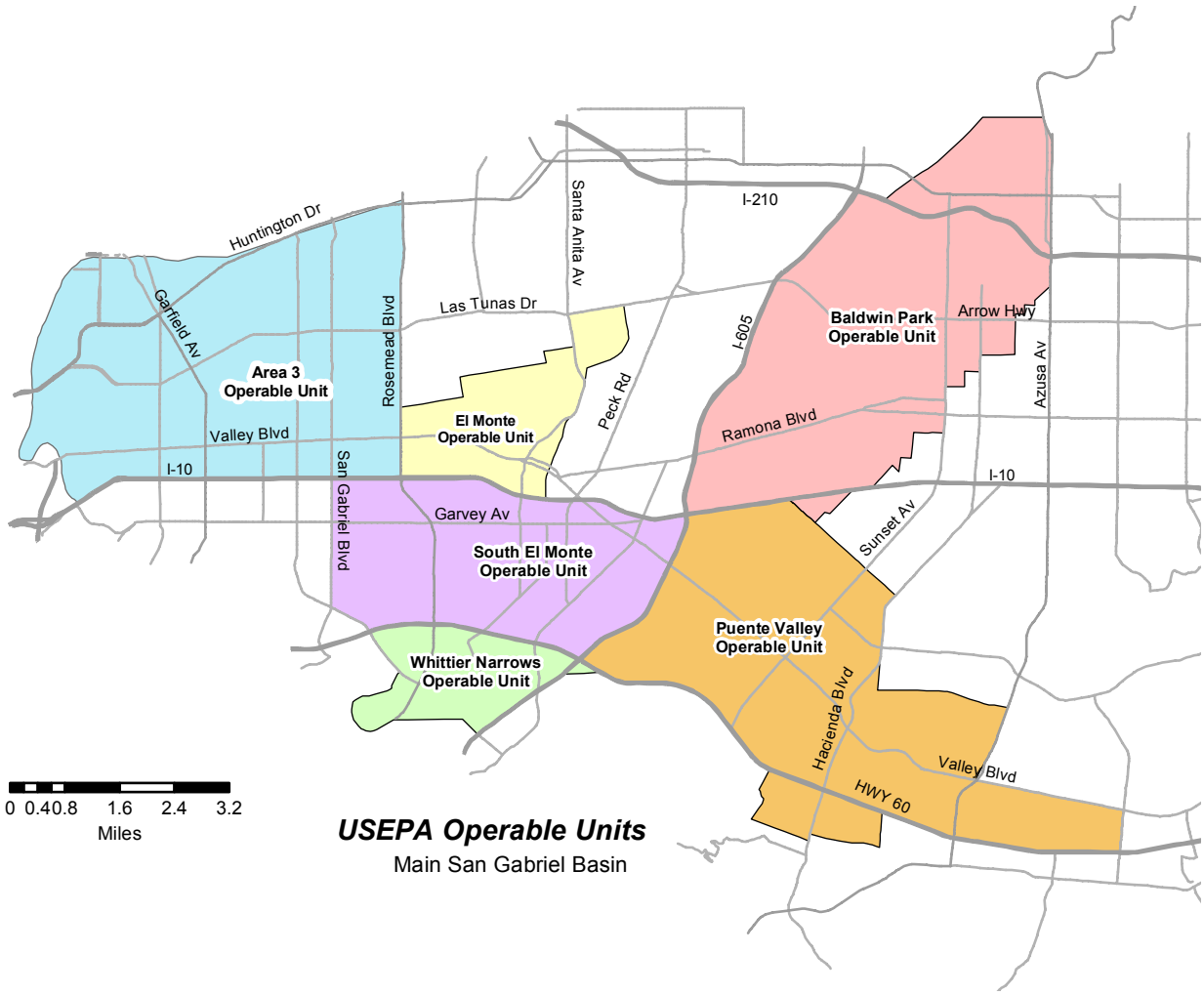
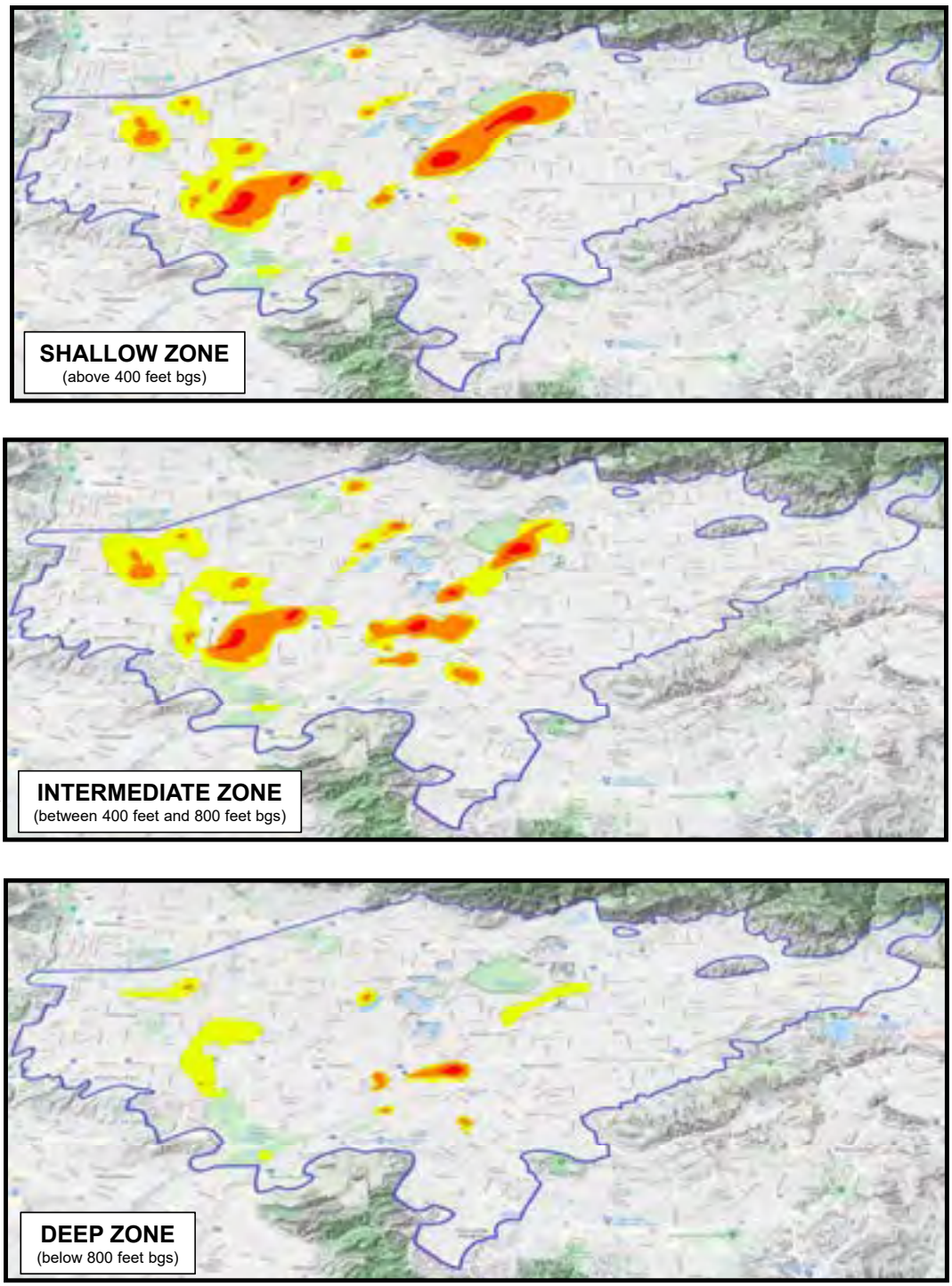
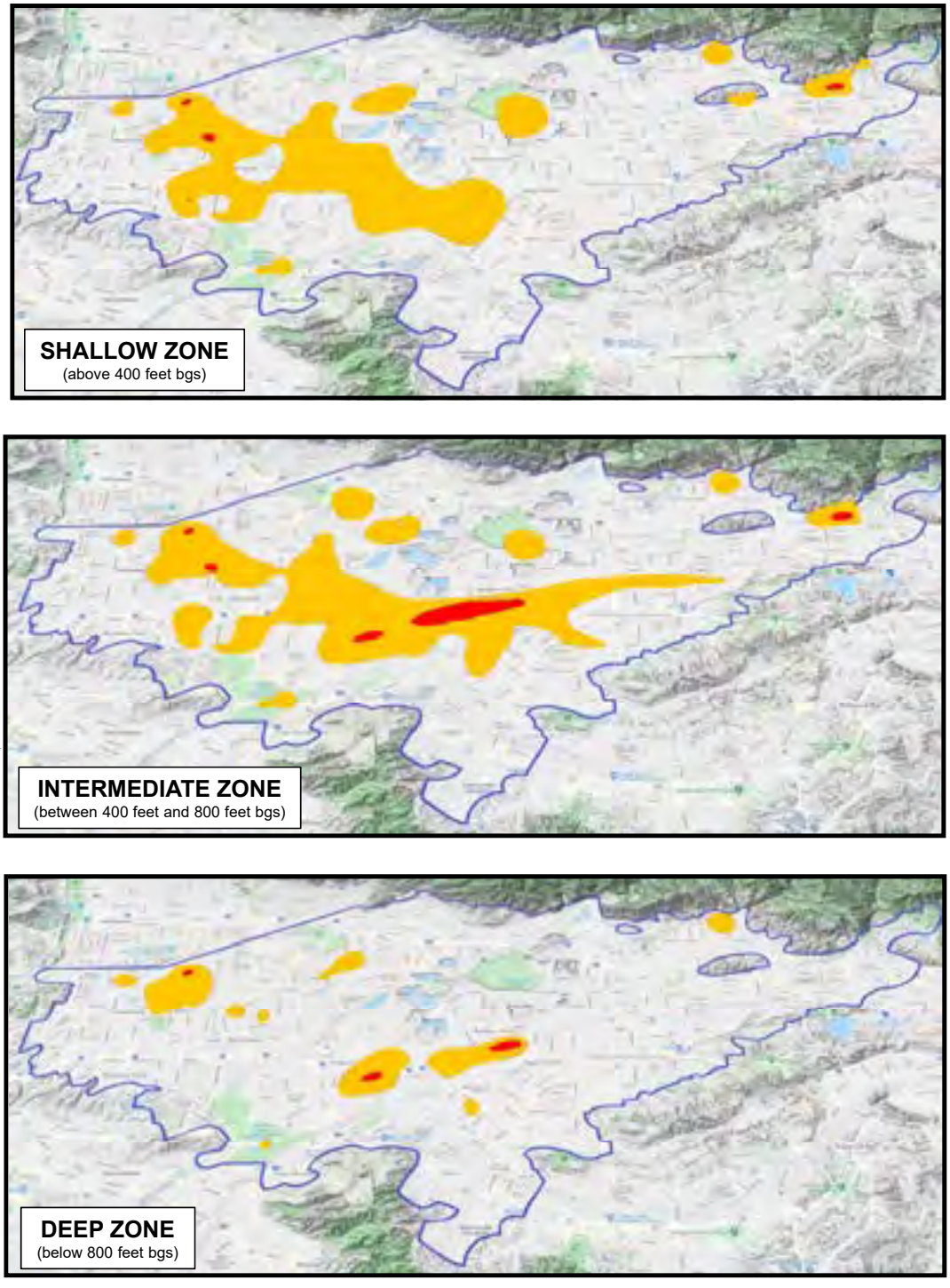


Figure 12. VOLATILE ORGANIC COMPOUND LEVELS IN GROUNDWATER THROUGHOUT THE BASIN



Extensive cleanup programs are underway in the areas affected by VOC contamination. Because the main plumes of contamination are centered in just a few areas, much of the Basin remains unaffected.

Figure 13. NITRATE LEVELS IN GROUNDWATER THROUGHOUT THE BASIN



Historically, nitrate (N) contamination is highest in the eastern portion of the Basin, away from the San Gabriel River, the area of most intensive groundwater pumping.

FIVE-YEAR WATER QUALITY AND SUPPLY PLAN

HISTORICAL BACKGROUND

The Main San Gabriel Basin's designation as a federal Superfund site was prompted by the discovery of widespread VOC contamination. Cleanup plans were developed to contain and remove VOCs from groundwater, and Watermaster, along with various other local water agencies, water Producers, and regulators, has worked to develop the expertise, financing, and treatment technologies to effectively address basin-wide cleanup of VOCs.

Watermaster facilitates groundwater cleanup projects that also meet water supply needs.

The discovery of perchlorate and NDMA in 1997, however, created new challenges that complicated the existing VOC cleanup approach. Most importantly, these new contaminants could not be removed using existing treatment facilities, and new treatment methods had to be identified, financed, and implemented.

This report provides a comprehensive water quality cleanup and water supply plan for the Main San Gabriel Basin, including each of the USEPA Operable Units (see Appendix E). Watermaster's plan for each Operable Unit area is consistent with the USEPA plans, and its goal is to implement cleanup as promptly as possible, with or without the cooperation of the Responsible Parties.

GROUNDWATER MONITORING PROGRAMS

Monitoring includes measuring groundwater levels, groundwater quality, and groundwater flow. Watermaster continuously refines its understanding of the groundwater Basin to better define the safe yield of the Basin and to protect and improve local water quality.

CONTINUE KEY WELL AND SUPPLEMENTAL KEY WELL OPERATION AND DATA PROCESSING

The entire 167-square-mile groundwater Basin is managed as one unit based on the groundwater levels as measured at a single Key Well in Baldwin Park. Water levels have been measured at this well since 1903 and are currently measured every three hours by an automated recorder.

Additional groundwater level recorders have been installed near the Santa Fe Spreading Grounds, adjacent to the San Gabriel River above the I-210 Freeway, in the City of Rosemead, and near Whittier Narrows Dam. These water level records are synchronized with the record in the Key Well.

Collectively, water level data from these wells provides a better understanding of the impacts of recharge operations at the Santa Fe Spreading Grounds on Basin hydrogeology. Water elevation data are collected semiannually at about 170 additional wells throughout the Basin, and water level recorders may be installed in some of those wells over the next five years.

CONTINUE BASINWIDE GROUNDWATER ELEVATION MONITORING PROGRAM (BGWEMP)

The purpose of the BGWEMP is to obtain groundwater level measurements from a large number of wells across the Basin. The information is used to prepare groundwater contour maps showing the direction of groundwater flow. The data are also used in the Basin computer model to simulate future groundwater flow patterns. Through implementation of the BGWEMP plan over the next five years, Watermaster will take the following steps:

- Gather semiannual measurements of water levels at all 170 primary wells.
- Collect weekly measurements of water levels in nine of the 170 primary wells.
- Obtain water levels in secondary wells from well owners or water Producers, the San Gabriel Valley Protective Association, Regional Board, USEPA, and others.
- Update the database with water level data.
- Prepare semiannual groundwater contour maps of the entire Basin.
- Participate in the California Statewide Groundwater Elevation Monitoring (CASGEM) program.

IMPLEMENT PROVISIONS OF SUSTAINABLE GROUNDWATER MANAGEMENT ACT (SGMA)

SGMA became effective on September 29, 2014. As manager of an adjudicated Basin with ongoing effective management, Watermaster's requirements are generally limited to reporting the following information, to the extent available, for the portion of the Basin subject to the adjudication:

(A) Groundwater elevation data. Watermaster is the "Monitoring Entity" for the Main Basin under the terms of the CASGEM program and has submitted semiannual static water elevations to the Department of Water Resources (DWR) since the inception of CASGEM in 2009. Furthermore, Watermaster has collected static water elevations as part of the BGWEMP since the early 1990s. Watermaster uses the data to prepare semiannual groundwater contour maps (which are available on Watermaster's website) and support Watermaster's Main Basin groundwater computer model. Watermaster will continue to collect and review static groundwater elevation data on a regular basis.

(B) Annual groundwater extraction data. Watermaster's Annual Report includes quarterly groundwater extraction data for each groundwater well. In addition, Watermaster provides a projection of groundwater production by each Producer over each of the upcoming five years, as shown in Appendix A of this Plan. Copies of Watermaster's current and prior annual reports are available on Watermaster's website.

(C) Surface water used for groundwater recharge or in-lieu use. Watermaster has included quarterly local surface water diversions for treated

potable use in Appendix G of its Annual Report. Furthermore, Watermaster has presented a summary of local surface water used for groundwater recharge in the introduction to this Plan.

(D) Total water use. Water use in the Main Basin includes groundwater, treated local surface water, treated imported water, and recycled water. A summary of total water is included in the introduction to this Plan.

(E) Change in groundwater storage.
Groundwater storage in the Main Basin is referenced to the elevation as measured at the Baldwin Park Key Well (Key Well). The Main San Gabriel Basin Judgment (Exhibit H) notes groundwater in storage was about 7.7 million acre-feet when the elevation at the Key Well was 209 feet above mean sea level (MSL). In general, each foot of change in elevation equals about 8,000 acre-feet in storage.

The Key Well elevation was about 196.8 feet on July 1, 2019, and water in storage was about 7.60 million acre-feet. The Key Well elevation on July 1, 2020, was about 203.1 feet above MSL and water in storage was about 7.65 million acre-feet. The net change in storage was an increase of about 50,000 acre-feet.

(F) Submittal of Annual Report to the Court.
Watermaster submits its Annual Report to the Court by November 1 of each year. Watermaster will provide the preceding information to DWR over the next five years in compliance with SGMA.

GROUNDWATER QUALITY MONITORING

IMPLEMENT SALT AND NUTRIENT MANAGEMENT PLAN

Simulations of the direction of groundwater flow in 2019–20 and projections for 2024–25 show that the estimated increase in groundwater pumping during this period would not significantly change the overall direction of Basin groundwater movement, and therefore would not significantly impact water quality.)

During February 2009, the State Water Resources Control Board adopted the "Recycled Water Policy," which adopted goals for water recycling, water conservation, and replenishment of stormwater runoff to enhance water supplies throughout California. One component of the Recycled Water Policy requires all groundwater basins to develop a Salt and Nutrient Management Plan (SNMP). Watermaster took the lead role in developing the SNMP for the Main San Gabriel Basin. The SNMP identifies the existing water quality of the Main San Gabriel Basin (specifically Total Dissolved Solids [TDS]—nitrate, chloride, and sulfate, which is not addressed by USEPA cleanup activities), and compares that water quality to standards established by the Regional Board. Each of the four water quality parameters comply with the standards established by the Regional Board, resulting in significant flexibility to implement new programs to enhance groundwater replenishment and reliability. A final draft of the SNMP was submitted to the Regional Board in May 2016 to satisfy the submittal requirement and was approved by the Regional Board in December 2016. Watermaster, in coordination with water purveyors, is implementing the SNMP through continued collection and review of TDS data. The water quality data are also included in the Watermaster database to facilitate review.

CONTINUE BASINWIDE GROUNDWATER QUALITY MONITORING PROGRAM

Under the Basinwide Groundwater Quality Monitoring Program (BGWQMP), all production wells in the Basin will be sampled at least once a year for VOCs, nitrates, and TDS. In addition, sulfate and chloride are sampled at least once every three years as required by DDW. The frequency of BGWQMP sampling complements the monitoring requirements under state law and supplements information gathered through Regional Water Quality Control Board source investigations and USEPA remedial investigations. The data collected by BGWQMP are used to identify and evaluate the current locations and magnitude of contaminant levels, along with the effectiveness of the cleanup project.

CONTINUE TITLE 22 WATER QUALITY TESTING

Watermaster continues to perform DDW-mandated Title 22 water quality sampling of groundwater from approximately 200 active wells in the Basin. Watermaster also continues to track regulations and inform local water purveyors about regulatory issues and requirements. Information from centralized water quality testing is added to Watermaster's water quality database, which contains data from many sources. The centralized testing enables Watermaster to identify water quality trends on a regional scale that might otherwise go unnoticed at a specific well, and also lowers monitoring costs to Producers.

GROUNDWATER FLOW AND CONTAMINANT MIGRATION PROGRAMS

Groundwater level and quality data are entered into the Basin computer model, which simulates where contamination is projected to flow in the future. The goal is to project contaminant levels by areas in advance of a contamination event and identify remedial steps to be taken. The Basin computer model has been used to identify the area of contamination that may be captured (capture zone) under various groundwater pumping scenarios. The capture zone is also able to show the probable length of time contamination takes to flow toward a well and how long a well must be treated for contaminant removal prior to use as a drinking water supply.

GROUNDWATER SIMULATIONS SHOW FUTURE GROUNDWATER ELEVATIONS BASED ON PROJECTED DEMANDS AND REPLENISHMENT

To determine the groundwater elevations throughout the Basin, Watermaster compiles the daily average 2019–20 production for each well, enters the data into the groundwater model, and simulates how production impacts water levels throughout the Basin, as shown in Figure 14 (see Appendix F). A computer simulation is then run using projected production for 2024–25, along with other water supply variables for the next five years (e.g., local water recharge, imported water recharge, subsurface inflow/outflow), assuming a five-year "dry hydrology" pattern. In addition to the historical hydrology, additional untreated imported water purchased with

revenue from the RDA assessment is projected to be added to the Basin over each of the next five years. The simulated groundwater elevations are shown in Figure 15 (see Appendix F). The projected groundwater elevations reflect a general increase of about two feet throughout the Basin, which is primarily the result of the delivery of RDA water to supplement stormwater runoff for replenishment and the projected modestly increased groundwater production. These simulations indicate the estimated increase in groundwater production—based on projections by Producers and projected future "dry hydrology"—as of fiscal year 2024–25 will not significantly change the overall direction of Basin groundwater movement. This flow continues generally from east to west to a pumping trough in the western portion of the Basin, as well as northeast to southwest, exiting through Whittier Narrows. The simulation for 2024–25 also shows localized pumping depressions in the Baldwin Park area, which are expected to be created by continuous pumping from groundwater extraction wells associated with the BPOU contaminant cleanup project to contain and control groundwater contaminant movement. Contaminated groundwater from those wells is treated at several treatment facilities, and the DDW-permitted water is provided for potable use.

Importantly, Figure 16 (see Appendix F) shows the net increase in the groundwater elevations throughout the Basin as the result of the replenishment of additional untreated imported water attributed to the RDA deliveries. Figure 16 (see Appendix F) indicates groundwater elevations may be about two feet higher in most portions of the Basin—directly benefiting Producers by stabilizing energy costs to produce groundwater and well pump efficiency.

SIMULATE IMPACTS OF GROUNDWATER PUMPING ON CONTAMINANT MIGRATION

Simulations similar to the ones described above indicate that pumping from USEPA-mandated cleanup projects as managed by Watermaster helps to control and contain contaminant migration. Groundwater quality data collected during 2019–20 and projected quality data for 2024–25 were entered into the groundwater model for the contamination migration studies. The computer model is used to simulate how the flow of water would affect the migration of contamination. The simulation showed that changes in groundwater flow did not have major impacts on the migration of contaminants (refer to Figures 14 and 15 in Appendix F).

GROUNDWATER CLEANUP PROJECTS

Watermaster coordinates and provides technical assistance on many cleanup projects in the Basin. Although the cleanup facilities are owned and operated by local water utilities. Watermaster's involvement includes coordinating proposed USEPA cleanup programs to ensure, to the extent feasible, that treated water is put to beneficial use within the Basin and that projects are consistent with the Judgment.

REVIEW OF SECTION 28 APPLICATIONS

Watermaster reviews every proposal to construct, destroy, or modify a well or build a treatment plant pursuant to Section 28 of its Rules and Regulations. Watermaster's review ensures that any new or increased extractions from the Basin or any changes in production patterns are consistent with contamination cleanup efforts and will not adversely affect Basin water quality. In conjunction with the evaluation of an application to construct a new well or a treatment facility, Watermaster uses a computer model to predict the potential future impacts of each project on contaminant migration and Basin cleanup.

BASIN CLEANUP PROJECTS/USEPA OPERABLE UNIT PLANS

The USEPA established Operable Units for the various areas within the Basin that have been contaminated and require groundwater cleanup. The Operable Units are Area 3 (Alhambra area), Baldwin Park, El Monte, Puente Valley, South El Monte, and Whittier Narrows (see Figure 11). USEPA has established a methodical cleanup process that includes a review of the extent of contamination (Remedial Investigation), development of cleanup alternatives (Feasibility Study), and selection of the most appropriate cleanup plan (Proposed Plan). Following these activities, the USEPA issues a report identifying the agreed-on cleanup plan (Record of Decision). Subsequently, the project facilities are designed and constructed. With USEPA plans generally in place, Watermaster continues to work with affected Producers, Responsible Parties, and others to implement solutions that provide effective cleanup, conform to the USEPA plans, and use the treated water to meet local water supply needs.

DETAILS ON EACH OPERABLE UNIT

This Five-Year Plan describes each of the Operable Units along with the USEPA proposed cleanup plan. (A detailed description of the history and treatment facilities associated with each of the Operable Units is included in Appendix E.) In addition, Appendix A identifies current and projected groundwater production over the next five years, to address the contamination and to implement the cleanup plans. In areas where the groundwater supply has been affected by contamination, Watermaster works with affected Producers and other local water agencies to implement cleanup as quickly as possible, with or without the cooperation of the Responsible Parties. Watermaster and affected Producers continue to seek cost recovery from the Responsible Parties for any cleanup costs they incur.

OTHER WATER QUALITY PLANNING AND ACTIONS

WATER QUALITY PROTECTION PLAN

Watermaster's Water Quality Protection Plan provides early warning to Producers before their wells are found to have contaminant levels that exceed drinking water quality standards. The Plan also contains pre-analyzed suggestions to the Producers for responding to the presence of contaminants.

LANDFILL INSPECTIONS

Watermaster routinely conducts on-site inspections of area landfills to ensure they are operated in a way that does not allow contaminants to seep into the groundwater. Watermaster reports any violations of Waste Discharge Requirements to the Regional Board for enforcement.

IDENTIFY AND REDUCE POTENTIAL SOURCES OF CONTAMINATION AND COOPERATE WITH THE REGIONAL WATER QUALITY CONTROL BOARD

Since 1993, Watermaster has obtained information from the Regional Board about sources of VOC contamination in the Basin as part of the Regional Board's investigations of potential contaminated sites. The information includes a description of all potential sources of contamination investigated by the Regional Board, including:

- Maps showing the location of all investigation sites.
- Available cause-and-effect relationships between pollution sources and contaminated wells.
- Plans and tentative schedules to abate the source of pollution and to clean up the soil and water.

Watermaster has reviewed a large amount of information gathered in Regional Board files and entered it into a database. This information is used in Watermaster's Section 28 process to help evaluate changes in pumping practices in relation to known contamination sources.

WATER SUPPLY AND DROUGHT MANAGEMENT PLANNING AND ACTIONS

The Main San Gabriel Groundwater Basin is very complex, covering 167 square miles, and has the capacity to hold about 2.8 trillion gallons of water. Water enters the Basin from countless natural and man-made locations and is extracted by over 200 wells operated by dozens of independent Producers. Watermaster conducts special studies to identify projected water demands and to increase understanding of the Basin so it can be managed in a way that preserves and improves water supply and quality. In addition, Watermaster routinely reviews available data and is prepared to construct new monitoring wells to obtain supplemental water level and water quality data to better manage the Basin. As a result of these activities, and the cooperative activities with the Regional Board (noted above), ongoing VOC or perchlorate contamination has been eliminated, and the focus is now on cleanup activities.

Watermaster coordinates and maintains records on production, stormwater, untreated imported water deliveries for groundwater replenishment, and impacts on the groundwater levels throughout the Basin, particularly at the Baldwin Park Key Well. In that capacity, Watermaster has coordinated deliveries of untreated imported water into Cyclic Storage accounts and implemented the RDA assessment, which is used to purchase untreated imported water to augment stormwater replenishment. Watermaster has developed a 3D computer model, which is used to identify the groundwater levels throughout the Basin, including wells in which water supply reliability may be impacted by decreasing groundwater levels. Throughout the upcoming five years, Watermaster will maintain records on existing and proposed water system interconnections, water levels in production wells, and Producer plans to develop new sources of supply in anticipation of prolonged dry periods.

SERVICES AND ASSISTANCE TO PRODUCERS TO MEET WATER NEEDS

Watermaster has been advised that Producers propose to construct four new wells and two treatment plants during the next five years. Watermaster will continue providing the following services to assist Producers in meeting water demand:

- Investigate all new or increased water extractions.
- Provide computer modeling and technical support on treatment issues concerning the impact of extractions on contaminant migration.
- Prioritize areas requiring further investigation, and coordinate with Producers on water supply modifications.
- Direct changes in pumping or treatment as necessary.

INTRODUCTION AND BACKGROUND ON WATER SUPPLY AND DROUGHT MANAGEMENT PLANNING AND ACTIONS

Historical Basin management practices encouraged Producers to pump local groundwater instead of relying on treated imported water to address water demands in excess of Producers' water rights. Under normal conditions, Watermaster quantifies groundwater production in excess of Producers' water rights and arranges to have an equal amount of untreated imported water delivered to replenish the overproduction from the Basin at a "Full Service" untreated water rate.

Wide-Ranging Long-Term Water Supply Management Tools. In response to the long-term drought conditions, Watermaster has implemented wide-ranging additional new tools to more intensely manage Basin groundwater supplies, refill the Basin, and ensure long-term water supply reliability. These new drought management tools are described in the following pages.

THREE-YEAR PURCHASED WATER PLAN

Watermaster annually prepares the "Three-Year Purchased Water Plan," in which it quantifies the amount of untreated imported water that will be purchased from each of the three municipal water districts within the San Gabriel Valley and delivered to replenish groundwater supplies within the Basin. Untreated imported water deliveries will be made to:

1) augment the lack of local stormwater replenishment through the Water Resource Development program,
2) increase the amount of water held in Producer Cyclic Storage accounts,
3) satisfy the prior year's Replacement Water obligation, and
4) support other programs negotiated with Watermaster.

Recognizing the quantity of untreated imported water anticipated to be delivered in the ensuing three years aids Watermaster's management of groundwater levels and supplies.

CONTINUED IMPLEMENTATION OF WATER RESOURCE DEVELOPMENT ASSESSMENT (RDA) PROGRAM

Watermaster developed the Supplemental Water Stormwater Augmentation Program (RDA) to help manage Basin water supplies under potential "worst case" hydrologic conditions, which is assumed to be three consecutive five-year droughts with the same hydrologic conditions as the recent five years of drought experienced from 2011–12 through 2015–16. RDA generates revenue to purchase untreated imported replenishment water for stormwater augmentation so the Key Well elevation can be maintained above 180 feet by the end of the tenth year of a "worst-case" 15-year drought cycle. Watermaster uses the RDA funds to purchase untreated imported water to replenish the Basin for the "general benefit" of all Producers within the Basin. Unlike the original RDA, which is a Watermaster pre-purchase of Replacement Water, the Supplemental Water RDA will supplement local stormwater replenishment and allow no "right of recovery" using a water right by any Basin Producer.

RDA Assessment Will Steadily Increase to $175 per Acre-Foot. The RDA program began with an initial assessment of $40 per acre-foot on fiscal year 2016–17 production, and increased to $105 per acre-foot on fiscal year 2018–19 production, with plans to gradually increase to $175 per acre-foot on fiscal year 2020–21 production, at which time sufficient revenue to purchase about 40,000 acre-feet of water (representing about a five-foot benefit to Basin groundwater levels) will be generated.

PROACTIVE MEASURES TO INCREASE CYCLIC STORAGE

Both Watermaster and Producers recognize that prolonged drought conditions will adversely impact untreated imported water availability, which is essential to managing the Basin. Consequently, Watermaster has taken proactive measures to encourage Producers to increase the collective amount of water in their Cyclic Storage accounts from about 15,000 acre-feet as of the end of June 2010 to 38,700 acre-feet as of June 2020.

EXTENSIVE OUTREACH TO PROMOTE RETAIL WATER CONSERVATION

For many years, Watermaster has worked with stakeholders across the Basin to encourage consumer-based conservation efforts to reduce groundwater production. After Watermaster staff, Board, and an Ad Hoc Committee carefully reviewed communication and education needs, Watermaster selected a consultant and initiated an expanded Basin Outreach Program focusing on basin-wide and San Gabriel River Watershed supply sources. The goal is to help the public understand critical regional water issues, including how the watershed and Basin work, what makes the Basin unique, and why a wet year in Northern California does not necessarily translate into robust water supplies in the Basin.

WORKING TOWARD MASSIVE INCREASE IN RECYCLED WATER USE

Watermaster is working with Sanitation Districts of Los Angeles County, MWD, and others to pursue a large supply of 60,000 to 80,000 acre-feet per year of treated recycled water for Basin replenishment.

INCREASE REPLENISHMENT

Watermaster is working with a range of stakeholders to implement tighter coordination and management to allow replenishment of imported water even during rainy periods. It is also finding new opportunities and incentives to deliver untreated imported water for Basin replenishment.

MORE FLEXIBLE FINANCIAL TOOLS

Watermaster has instituted new, more flexible financial tools to increase water imports, such as pre-purchase of water, and is evaluating others, including mid-year assessments.

DEVELOPING AND IMPLEMENTING STORAGE AND EXPORT PROGRAMS

Watermaster has developed criteria for new water storage and export programs, implementing them for the first time in 2015. These programs will continue in future years.

STORMWATER CAPTURE

Watermaster is participating in a multiyear study led by Las Virgenes Municipal Water District that is investigating the potential for collecting urban runoff and stormwater and recycling it into a usable new water supply by using existing capacity in wastewater treatment plants.

PROTECT WATER RIGHTS

Watermaster worked to protect water rights associated with legislation and expansion of the National Recreation Area along the San Gabriel River.

PROJECTED GROUNDWATER DEMANDS PRODUCER ESTIMATES

Section 28 directs each Producer to submit a report to Watermaster detailing its projected water demands and water production requirements over the following five years. Projections were received from 18 Producers (all municipal water suppliers), accounting for about 72% of the groundwater production from the Basin.

Water production decreased compared to the prior year and remains significantly lower than the long-term average due in part to consumer water conservation.

For those Producers who did not submit projections, Watermaster provided an estimate based on the assumption that each Producer had an aggregate projected growth rate that was the same as those Producers who did submit projections. Projected groundwater production is shown in Appendix A. Figure 10 shows the total projected and historical groundwater production from the Basin since 2013–14.

UPGRADE OF GROUNDWATER MODEL TO 3D

The long-used and highly effective 2D groundwater model was updated during a multiyear process to 3D. It will provide advanced capabilities for identifying existing conditions, designing programs, and testing outcomes. The groundwater model will be useful for virtually every aspect of Basin management, from recycled water development to water quality evaluations to well performance analysis.

AQUIFER PERFORMANCE TESTS

Watermaster has developed a groundwater flow model for the entire Basin that assists in evaluating the potential impacts of changes in groundwater production. Although Watermaster completed its three-year Aquifer Performance Test investigation, additional tests will be conducted as required for Section 28 applications or for other needs. A tabulation of potential Aquifer Performance Test investigation sites is included in Appendix D. The sites identified include a production well and at least one monitoring well. The tests provide information on the characteristics of the aquifer such as transmissivity, hydraulic conductivity, and coefficient of storage. The information gathered on aquifer characteristics will support cleanup activities, including groundwater model development and calibration (see Appendix D).

DIRECTORY TO APPENDICES

The Following Appendices Are Found in This Section:

A. Projected Groundwater Demands from 2020–21 to 2024–25

B. Simulated Changes in Groundwater Elevations at Wells or Wellfields in Main San Gabriel Basin

C. Highlights of Volatile Organic Compounds and Nitrate Concentrations, and Wells Vulnerable to Contamination

D. Potential Sites for Aquifer Performance Tests

E. Summary of Treatment Facility Activity in the Main San Gabriel Basin

F. Simulated Basin Groundwater Contours 2019–20 and 2024–25 (Figures 14 and 15),

Simulated Groundwater Elevation Changes Between FY 2019–20 and FY 2024–25 (Figure 16),

VOC Plume Map in BPOU and Perchlorate Plume Map in BPOU (Figures 17 and 18)

APPENDIX A.

Projected Groundwater Demands from 2020–21 to 2024–25

APPENDIX A

PROJECTED GROUNDWATER DEMANDS FROM 2020-21 TO 2024-25

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
9447 SAN GABRIEL CANYON LLC (VIETNAMESE AMERICAN BUDDHIST TEMPLE) (1)									
8000191	NA	NA	NA	5.95	5.00	5.00	5.00	5.00	5.00
SUBTOTAL		NA	NA	5.95	5.00	5.00	5.00	5.00	5.00
ADAMS RANCH MUTUAL WATER COMPANY (CALIFORNIA AMERICAN WATER COMPANY)									
1902106	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902689	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000182	3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
ALHAMBRA, CITY OF (1)									
1900010	MOELR (8)	3,387	2,100	1,414.80	1,548.87	1,607.02	1,667.37	1,729.70	1,794.90
1900011	9	798	495	7.66	8.39	8.70	9.03	9.36	9.72
1900012	10	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900013	12	807	500	7.90	8.65	8.97	9.31	9.66	10.02
1900014	13	1,048	650	251.13	274.93	285.25	295.96	307.03	318.60
1900015	14	1,532	950	350.06	383.23	397.62	412.55	427.98	444.11
1900016	15	1,774	1,100	1,597.43	1,748.81	1,814.46	1,882.60	1,952.98	2,026.60
1900017	2 LON	1,589	985	1,038.88	1,137.33	1,180.03	1,224.34	1,270.11	1,317.99
1900018	GARF	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902789	1 LON	1,613	1,000	1,520.12	1,664.17	1,726.65	1,791.49	1,858.47	1,928.52
1903014	11	1,032	640	235.33	257.63	267.30	277.34	287.71	298.55
1903097	7	1,250	775	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		14,832	9,195	6,423.31	7,032.00	7,296.00	7,570.00	7,853.00	8,149.00
AMARILLO MUTUAL WATER COMPANY (SAN GABRIEL VALLEY WATER COMPANY) (2)									
1900791	SOUTH (1)	644	399	97.58	409.65	426.21	443.42	452.29	461.33
1900792	NORTH (2)	424	263	46.80	0.76	0.76	0.76	0.76	0.76
SUBTOTAL:		1,068	662	144.38	410.41	426.97	444.18	453.05	462.09
ANDERSON, RAY L. AND HELEN									
8000085	NA	18	11	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		18	11	0.00	0.00	0.00	0.00	0.00	0.00
ARCADIA, CITY OF (2)									
1901013	1 LON	1,613	1,000	890.15	873.00	856.00	839.00	822.00	806.00
1901014	2 LON	1,613	1,000	0.00	0.00	0.00	0.00	0.00	0.00
1901015	1 BAL	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902077	1 CAM	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902078	2 CAM	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902084	2 LGY	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902358	1 STJ	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902791	2 BAL	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902854	1 PEC	5,968	3,700	4,591.22	4,500.00	4,412.00	4,325.00	4,240.00	4,157.00
8000127	1 LO	4,516	2,800	25.94	2,783.00	2,728.00	2,675.00	2,622.00	2,571.00
8000177	2 STJ	1,613	1,000	0.00	0.00	0.00	0.00	0.00	0.00
8000213	3 CAM	4,355	2,700	4,253.52	4,170.00	4,088.00	4,008.00	3,929.00	3,852.00
8000214	3 LGY	2,903	1,800	1,811.08	1,775.00	1,741.00	1,706.00	1,673.00	1,640.00
SUBTOTAL:		22,582	14,000	11,571.91	14,101.00	13,825.00	13,553.00	13,286.00	13,026.00
ARCADIA RECLAMATION (1)									
8000229	NA	NA	NA	56.00	58.00	58.00	58.00	58.00	58.00
SUBTOTAL:		NA	NA	56.00	58.00	58.00	58.00	58.00	58.00
ATTALLA, MARY L.									
8000119	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
AZUSA, CITY OF (AZUSA AGRICULTURAL WATER COMPANY, AZUSA VALLEY WATER COMPANY) (2)									
1902533	5 (1)	1,613	1,000	1,489.96	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
1902535	6 (3)	4,839	3,000	49.40	550.00	550.00	550.00	550.00	550.00
1902536	GENESIS 1 (4)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902537	GENESIS 2 (5)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902538	GENESIS 3 (6)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000072	1 (7)	4,839	3,000	653.20	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
8000086	3 (8)	4,678	2,900	2,351.49	2,380.00	2,380.00	2,380.00	2,380.00	2,380.00
1902457	2 (1 NORTH)	3,226	2,000	1,488.61	1,370.00	1,370.00	1,370.00	1,370.00	1,370.00
1902458	4 (2 SOUTH)	4,516	2,800	1,365.26	2,160.00	2,160.00	2,160.00	2,160.00	2,160.00
1902113	AVWC 1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902114	AVCW 2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902115	8 (AVWC 4)	3,065	1,900	163.91	300.00	300.00	300.00	300.00	300.00
1902116	7 (AVWC 5)	1,613	1,000	78.65	550.00	550.00	550.00	550.00	550.00
1902117	9 (AVWC 6)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902425	AVWC 7	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000103	10 (AVWC 8)	4,194	2,600	108.86	70.00	70.00	70.00	70.00	70.00
8000178	11	2,581	1,600	1,913.19	1,600.00	1,600.00	1,600.00	1,600.00	1,600.00
8000179	12	2,420	1,500	1,811.74	1,450.00	1,450.00	1,450.00	1,450.00	1,450.00
1903119	VULCAN	NA	NA	28.21	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		13,872	8,600	11,502.48	13,130.00	13,130.00	13,130.00	13,130.00	13,130.00
AZUSA ASSOCIATES LLC (COVELL, ET AL)									
1900390	DALTON	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
B & B RED-I-MIX CONCRETE INC.									
1902589	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
BANKS, GALE & VICKI (1)									
1900415	NA	560	347	26.65	32.00	32.00	32.00	32.00	32.00
SUBTOTAL		560	347	26.65	32.00	32.00	32.00	32.00	32.00
BASELINE WATER COMPANY									
1901200	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901201	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901202	3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
BEVERLY ACRES MUTUAL									
8000004	ROSE HILLS	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
BIRENBAUM, MAX									
8000005	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
BROOKS, GIFFORD JR.									
1902144	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
BURBANK DEVELOPMENT COMPANY									
1900093	BURB	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
CALIFORNIA-AMERICAN WATER COMPANY/DUARTE SYSTEM (2)									
1900354	STA FE	1,694	1,050	139.84	144.46	144.87	145.31	145.75	146.20
1900355	B V	2,339	1,450	257.20	265.69	266.46	267.27	268.08	268.89
1900356	MT AVE	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900357	LAS L	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900358	FISH C	484	300	0.00	0.00	0.00	0.00	0.00	0.00
1902907	WILEY	2,420	1,500	2,203.53	2,276.27	2,282.84	2,289.79	2,296.73	2,303.68
1903018	CR HV	2,258	1,400	1,201.05	1,240.70	1,244.28	1,248.07	1,251.85	1,255.64
8000139	ENCTO	2,903	1,800	649.73	671.18	673.12	675.16	677.21	679.26
8000140	LASL 2	2,258	1,400	984.49	1,016.99	1,019.93	1,023.03	1,026.13	1,029.23
1900497	BACON	484	300	1.63	1.68	1.69	1.69	1.70	1.70
8000216	B V 2	2,661	1,650	270.50	279.43	280.24	281.09	281.94	282.79
8000237	LEMON	242	150	321.02	331.62	332.57	333.59	334.60	335.61
SUBTOTAL:		17,743	11,000	6,028.99	6,228.00	6,246.00	6,265.00	6,284.00	6,303.00
CALIFORNIA-AMERICAN WATER COMPANY/SAN MARINO SYSTEM (2)									
1900917	HALL	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900918	GUESS	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900919	MISVW	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900920	MISVW	1,774	1,100	385.49	411.30	412.54	413.78	415.01	416.25
1900921	RIC-1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900922	RIC-2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900923	IVR-1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900924	MAR-1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900925	MAR-2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900926	GRAND	1,936	1,200	266.50	284.34	285.20	286.05	286.91	287.77
1900927	ROSE	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900934	ROAN	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900935	LONG	1,548	960	0.00	0.00	0.00	0.00	0.00	0.00
1901441	BR-1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902424	HOWL	1,048	650	259.80	277.19	278.03	278.86	279.70	280.53
1902787	BR-2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902867	IVR-2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1903019	MAR-3	1,936	1,200	1,220.93	1,302.67	1,306.59	1,310.52	1,314.44	1,318.36
1903059	DELMAR	1,452	900	975.72	1,041.05	1,044.18	1,047.31	1,050.45	1,053.58
8000175	HALL-2	1,936	1,200	1,612.62	1,720.59	1,725.77	1,730.95	1,736.13	1,741.31
8000222	RIC-3	2,581	1,600	1,816.26	1,937.86	1,943.69	1,949.53	1,955.36	1,961.20
8000182	ADA-3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		11,630	8,810	6,537.32	6,975.00	6,996.00	7,017.00	7,038.00	7,059.00
CALIFORNIA COUNTRY CLUB (1)									
1902529	CLUB	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902531	ARTES	1,129	700	0.00	0.00	0.00	0.00	0.00	0.00
1903084	SYC	1,290	800	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		2,420	1,500	0.00	0.00	0.00	0.00	0.00	0.00
CALIFORNIA DOMESTIC WATER COMPANY (2)									
1901181	2	NA	NA	2,078.62	0.00	0.00	0.00	0.00	0.00
8000236	2A	4,839	3,000	906.34	3,467.47	3,467.47	3,467.47	3,797.71	3,797.71
1901182	1-E	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901183	5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901185	13-N	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902967	6	6,452	4,000	702.72	816.31	816.31	816.31	894.06	894.06
1903057	3	7,259	4,500	6,726.20	7,813.47	7,813.47	7,813.47	8,557.62	8,557.62
1903081	8	4,839	3,000	1,415.08	1,643.82	1,643.82	1,643.82	1,800.38	1,800.38
8000100	5A	6,452	4,000	5,082.09	5,903.60	5,903.60	5,903.60	6,465.85	6,465.85
8000174	14	5,323	3,300	0.00	0.00	0.00	0.00	0.00	0.00
8000223	10	8,065	5,000	1,166.72	1,355.32	1,355.32	1,355.32	1,484.40	1,484.40
1900092	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		43,228	26,800	18,077.77	21,000.00	21,000.00	21,000.00	23,000.00	23,000.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
CARRIER CORPORATION (1)									
--	--	--	--	0.00	30.00	30.00	30.00	30.00	30.00
SUBTOTAL:		--	--	0.00	30.00	30.00	30.00	30.00	30.00
CEDAR AVENUE MUTUAL WATER COMPANY									
1901411	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902783	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		0	0	0.00	0.00	0.00	0.00	0.00	0.00
CEMEX CONSTRUCTION MATERIALS L.P. (AZ-TWO INC.)									
1900038	2	2,305	1,429	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		2,305	1,429	0.00	0.00	0.00	0.00	0.00	0.00
CHAMPION MUTUAL WATER COMPANY (SAN GABRIEL VALLEY WATER COMPANY)									
1900908	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902816	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000121	3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		0	0	0.00	0.00	0.00	0.00	0.00	0.00
CHEVRON USA									
1900250	TEMP1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
CITRUS VALLEY MEDICAL CENTER, QUEEN OF THE VALLEY CAMPUS (QUEEN OF THE VALLEY HOSPITAL) (1)									
8000138	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
CLAYTON MANUFACTURING COMPANY									
1901055	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000170	MW-4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
COLLISON, E.O.									
1902968	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
CORCORAN BROS.									
1902814	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
COUNTY SANITATION DISTRICT NO. 18 (1)									
8000008	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000009	3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000104	LE 1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000105	LE 2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000106	LE 3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000107	LE 4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000128	EO8A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000129	E09A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000130	E10A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000131	E11A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000141	EX1	NA	NA	0.37	0.61	0.61	0.61	0.61	0.61
8000142	EX2	NA	NA	0.13	0.18	0.18	0.18	0.18	0.18
8000143	EX3	NA	NA	0.03	0.02	0.02	0.02	0.02	0.02
8000144	EX4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
8000153	E16A	NA	NA	0.62	0.90	0.90	0.90	0.90	0.90
8000154	E17A	NA	NA	4.09	7.40	7.40	7.40	7.40	7.40
8000155	E18A	NA	NA	0.56	1.06	1.06	1.06	1.06	1.06
8000156	E19A	NA	NA	0.88	1.45	1.45	1.45	1.45	1.45
8000173	E20A	NA	NA	0.82	1.51	1.51	1.51	1.51	1.51
8000161	E01R	NA	NA	0.09	0.20	0.20	0.20	0.20	0.20
8000162	E03R	NA	NA	0.04	0.07	0.07	0.07	0.07	0.07
8000163	E05R	NA	NA	0.54	0.97	0.97	0.97	0.97	0.97
8000164	E07R	NA	NA	1.06	1.69	1.69	1.69	1.69	1.69
8000165	E02R	NA	NA	1.09	1.96	1.96	1.96	1.96	1.96
8000166	E04R	NA	NA	0.30	0.48	0.48	0.48	0.48	0.48
8000167	E06R	NA	NA	0.16	0.29	0.29	0.29	0.29	0.29
8000168	E08R	NA	NA	0.41	0.70	0.70	0.70	0.70	0.70
NA	WRP FL E	NA	NA	0.00	80.51	80.51	80.51	80.51	80.51
SUBTOTAL:		NA	NA	11.19	100.00	100.00	100.00	100.00	100.00
COVINA, CITY OF									
1901685	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901686	2	968	600	0.00	0.00	0.00	0.00	0.00	0.00
1901687	3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		968	600	0.00	0.00	0.00	0.00	0.00	0.00
COVINA IRRIGATING COMPANY (2)									
1900881	CONTR	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900882	3 BAL	2,903	1,800	1,073.59	1,200.00	1,300.00	1,300.00	1,600.00	1,800.00
1900883	2 BAL	2,581	1,600	62.56	750.00	1,000.00	1,200.00	1,200.00	1,200.00
1900885	1 BAL	2,097	1,300	993.73	1,000.00	1,200.00	1,600.00	1,600.00	1,600.00
21900880	VALEN	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		7,581	4,700	2,129.88	2,950.00	3,500.00	4,100.00	4,400.00	4,600.00
CREVOLIN, A.J.									
8000011	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
CROWN CITY PLATING COMPANY									
8000012	01	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
DAVIDSON OPTRONICS INC.									
8000013	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
DAWES, MARY K.									
1902952	04	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
DEFALCO, JOHN & CAROLE									
8000194	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
DEL RIO MUTUAL WATER COMPANY (1)									
1900331	BURKE	261	162	98.00	100.00	100.00	100.00	100.00	100.00
1900332	KLING	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		261	162	98.00	100.00	100.00	100.00	100.00	100.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
DRIFTWOOD DAIRY									
1902924	01	298	185	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		298	185	0.00	0.00	0.00	0.00	0.00	0.00
DUNNING, GEORGE									
1900091	1910	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
EAST PASADENA WATER COMPANY, LTD. (2)									
1901508	9	2,420	1,500	177.99	180.49	180.58	180.67	180.76	180.85
8000217	11	2,420	1,500	1,471.22	1,491.88	1,492.62	1,493.37	1,494.11	1,494.86
SUBTOTAL:		4,839	3,000	1,649.21	1,672.37	1,673.20	1,674.04	1,674.87	1,675.71
EL MONTE, CITY OF (1)									
1901692	2A	1,532	950	659.20	743.23	758.10	773.26	788.72	804.50
1901693	3	807	500	0.00	0.00	0.00	0.00	0.00	0.00
1901694	4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901695	5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901699	10	2,420	1,500	594.28	670.04	683.44	697.11	711.05	725.27
1901700	11	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902612	MT VW	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1903137	12	2,742	1,700	54.08	60.97	62.19	63.44	64.71	66.00
8000066	--	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000101	13	4,839	3,000	0.00	0.00	0.00	0.00	0.00	0.00
8000231	14	290	180	231.74	261.28	266.51	271.84	277.27	282.82
8000232	15	274	170	246.43	277.84	283.40	289.07	294.85	300.75
8000233	16	403	250	437.38	493.13	503.00	513.06	523.32	533.79
SUBTOTAL:		13,307	8,250	2,223.11	2,506.50	2,556.64	2,607.77	2,659.92	2,713.12
EL MONTE CEMETERY ASSOCIATION									
8000017	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
FRUIT STREET WATER COMPANY									
1901199	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
GATES, JAMES RICHARD (1)									
8000215	NA	NA	NA	0.85	5.00	5.00	5.00	5.00	5.00
SUBTOTAL:		NA	NA	0.85	5.00	5.00	5.00	5.00	5.00
GLENDORA, CITY OF (2)									
1900826	11-E	1,452	900	28.74	30.87	30.87	30.87	30.87	30.87
1900827	12-E	3,226	2,000	3,477.57	3,734.92	3,734.92	3,734.92	3,734.92	3,734.92
1900828	10-E	1,048	650	50.29	54.01	54.01	54.01	54.01	54.01
1900829	8-E	2,742	1,700	1,671.74	1,795.45	1,795.45	1,795.45	1,795.45	1,795.45
1900830	9-E	2,742	1,700	1,806.21	1,939.87	1,939.87	1,939.87	1,939.87	1,939.87
1900831	7-G	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901523	1-E	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901524	4-E	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901525	3-G	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901526	2-E	807	500	289.18	310.58	310.58	310.58	310.58	310.58
8000003	--	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000149	5-E	2,903	1,800	2,280.28	2,449.02	2,449.02	2,449.02	2,449.02	2,449.02
8000184	13-E	1,290	800	451.84	485.28	485.28	485.28	485.28	485.28
SUBTOTAL:		16,211	10,050	10,055.85	10,800.00	10,800.00	10,800.00	10,800.00	10,800.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
GOEDERT, LILLIAN									
8000027	GOEDERT	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN DIMAS DISTRICT (1)									
1902148	BAS-3	968	600	1.42	7.22	7.25	7.28	7.30	7.33
1902149	BAS-4	1,210	750	0.00	0.00	0.00	0.00	0.00	0.00
1902150	HIGHWAY	1,129	700	15.17	77.15	77.44	77.73	78.02	78.31
1902151	ART-1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902152	ART-2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902154	L H-2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902266	COL-1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902267	COL-2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902268	COL-4	726	450	0.17	0.86	0.87	0.87	0.87	0.88
1902269	COL-5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902270	COL-6	686	425	0.00	0.00	0.00	0.00	0.00	0.00
1902271	COL-7	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902272	COL-8	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902286	CITY	323	200	154.88	787.70	790.64	793.58	796.53	799.47
1902842	ART-3	403	250	0.11	0.56	0.56	0.56	0.57	0.57
1902287	MALON	605	375	378.84	1,926.72	1,933.92	1,941.12	1,948.32	1,955.52
8000212	HIGHWAY 2	1,613	1,000	186.16	946.78	950.32	953.86	957.39	960.93
SUBTOTAL:		7,662	4,750	736.75	3,747.00	3,761.00	3,775.00	3,789.00	3,803.00
GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN GABRIEL DISTRICT (1)									
1900510	1 S G	1,774	1,100	1,504.01	1,894.72	1,901.55	1,908.39	1,915.22	1,922.06
1900511	2 S G	1,452	900	439.20	553.29	555.29	557.29	559.28	561.28
1900512	2 GAR	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900513	1 GAR	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900514	3 SAX	565	350	2.77	3.49	3.50	3.51	3.53	3.54
1900515	1 SAX	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000146	4 SAX	1,532	950	3.16	3.98	4.00	4.01	4.02	4.04
1902144	1 EAR	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902017	1 JEF	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902018	2 JEF	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902019	3 JEF	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902020	1 AZU	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902024	1 ENC	1,936	1,200	670.18	844.28	847.32	850.37	853.41	856.46
1902027	1 PER	697	432	61.06	76.92	77.20	77.48	77.75	78.03
1902030	1 GRA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902031	2 GID	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902032	1 GID	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902034	1 FAR	1,936	1,200	374.11	471.30	473.00	474.70	476.40	478.10
1902035	2 ENC	968	600	803.33	1,012.02	1,015.67	1,019.32	1,022.97	1,026.62
1902461	2 GRA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902948	2 FAR	1,210	750	85.82	108.11	108.50	108.89	109.28	109.67
8000073	3 ENC	1,048	650	339.53	427.73	429.28	430.82	432.36	433.90
8000111	4 JEF	2,097	1,300	622.71	784.48	787.31	790.14	792.97	795.79
8000221	3 GAR			419.82	528.88	530.79	532.70	534.60	536.51
SUBTOTAL:		9,891	6,132	5,325.70	6,709.20	6,733.40	6,757.60	6,781.80	6,806.00
GOULD ELECTRONICS INC. AND JOHNSON CONTROLS INC. (1)									
	SEW	NA	NA	34.48	19.90	19.90	19.90	19.90	19.90
	DEW	NA	NA	0.00	703.80	703.80	703.80	703.80	703.80
SUBTOTAL:		NA	NA	34.48	723.70	723.70	723.70	723.70	723.70
GREEN, WALTER									
8000027	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000028	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
HANSEN, ALICE									
8000029	2946	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
HANSON AGGREGATES WEST, INC. (LIVINGSTON-GRAHAM) (1)									
1900961	1 DUA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900963	1 KIN	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901492	1 EL	3,302	2,047	76.58	55.12	55.12	55.12	55.12	55.12
1901493	3 EL	4,563	2,829	120.10	129.09	129.09	129.09	129.09	129.09
1903006	4 EL	356	221	0.00	0.00	0.00	0.00	0.00	0.00
--	Temp	NA	NA	0.00	30.00	30.00	30.00	30.00	30.00
SUBTOTAL:		8,221	5,097	196.68	214.21	214.21	214.21	214.21	214.21
HARTLEY, DAVID									
8000029	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
HEMLOCK MUTUAL WATER COMPANY (1)									
1901178	NORTH	219	136	22.29	23.73	23.73	23.73	23.73	23.73
1902806	SOUTH	516	320	41.44	44.11	44.11	44.11	44.11	44.11
SUBTOTAL:		736	456	63.73	67.84	67.84	67.84	67.84	67.84
HERMETIC SEAL CORPORATION (1)									
--	--	NA	NA	50.68	30.00	30.00	30.00	30.00	30.00
SUBTOTAL:		NA	NA	50.68	30.00	30.00	30.00	30.00	30.00
INDUSTRY WATERWORKS SYSTEM, CITY OF (2)									
1902581	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902582	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902583	5TH AVE	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000078	3	2,016	1,250	0.00	0.00	0.00	192.00	384.00	384.00
8000096	4	2,016	1,250	0.00	0.00	0.00	384.00	768.00	768.00
8000097	5	1,936	1,200	1,344.59	1,920.00	1,920.00	1,344.00	768.00	768.00
SUBTOTAL:		5,968	3,700	1,344.59	1,920.00	1,920.00	1,920.00	1,920.00	1,920.00
KIYAN, HIDEO									
1902970	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
LA PUENTE VALLEY COUNTY WATER DISTRICT (2)									
1901459	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901460	2	1,936	1,200	1,397.80	1,932.00	1,932.00	1,932.00	1,932.00	1,932.00
1902859	3	2,016	1,250	1,004.70	4.00	4.00	4.00	4.00	4.00
8000062	4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000209	5	2,016	1,250	1,443.98	2,016.00	2,016.00	2,016.00	2,016.00	2,016.00
SUBTOTAL:		5,968	3,700	3,846.48	3,952.00	3,952.00	3,952.00	3,952.00	3,952.00
LA VERNE, CITY OF									
1902322	SNIDO	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
LAKIN, KELLY									
8000158	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
LANDEROS, JOHN									
8000031	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
LOS ANGELES, COUNTY OF (1)									
1902579	1 WHI	2,710	1,680	0.00	0.00	0.00	0.00	0.00	0.00
1902580	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902663	3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902664	4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902665	5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902666	6	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000070	1 SF	3,349	2,076	770.53	754.22	754.22	754.22	754.22	754.22
8000074	2 SF	458	284	20.32	23.85	23.85	23.85	23.85	23.85
8000088	B RED	174	108	0.00	0.00	0.00	0.00	0.00	0.00
8000089	N LK	1,323	820	0.00	0.00	0.00	0.00	0.00	0.00
8000090	600	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902158	BN PK	2,087	1,294	0.00	0.00	0.00	0.00	0.00	0.00
8000150	3A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
NA	WNOU	NA	NA	3,415.87	3,442.13	3,442.13	3,442.13	3,442.13	3,442.13
SUBTOTAL:		10,101	6,262	4,206.72	4,220.20	4,220.20	4,220.20	4,220.20	4,220.20
LOS FLORES MUTUAL WATER COMPANY									
11902098	1-LO	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
21902098	1-HI	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
LOUCKS, DAVID									
8000032	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
MAECHTLEN, J.J. TRUSTEE									
1902321	OLD60	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902322	SNIDO	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902323	M & N	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
MANNING BROS. ROCK & SAND COMPANY									
1900117	36230	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
MAPLE WATER COMPANY (SUBURBAN WATER SYSTEMS)									
1900042	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000109	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
MARTINEZ, FRANCES MERCY									
8000033	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA									
1900693	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900694	3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
MOLSON COORS USA, LLC (MILLERCOORS LLC) (1)									
8000034	--	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000075	2	5,533	3,430	781.95	537.62	537.62	537.62	537.62	537.62
8000076	--	5,533	3,430	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		11,065	6,860	781.95	537.62	537.62	537.62	537.62	537.62

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
MONROVIA, CITY OF (2)									
1900417	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900418	2	2,742	1,700	54.60	54.59	56.77	59.05	61.41	63.86
1900419	3	2,742	1,700	1,338.94	1,338.64	1,392.24	1,447.98	1,505.85	1,566.06
1900420	4	2,903	1,800	2,035.16	2,034.71	2,116.18	2,200.90	2,288.87	2,380.37
1940104	5	3,871	2,400	1,840.48	1,840.07	1,913.75	1,990.37	2,069.92	2,152.67
8000171	6	3,871	2,400	1,625.34	1,624.98	1,690.05	1,757.71	1,827.96	1,901.04
SUBTOTAL:		16,130	10,000	6,894.52	6,893.00	7,169.00	7,456.00	7,754.00	8,064.00
MONROVIA NURSERY									
1902456	DIV 4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
MONTEREY PARK, CITY OF (2)									
1900453	1	968	600	141.16	149.54	153.29	157.12	161.06	165.09
1900454	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900455	3	968	600	286.11	303.10	310.69	318.45	326.43	334.61
1900456	4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900457	5	2,903	1,800	407.55	431.75	442.56	453.62	464.99	476.64
1900458	6	968	600	0.00	0.00	0.00	0.00	0.00	0.00
1902372	7	1,290	800	0.00	0.00	0.00	0.00	0.00	0.00
1902373	8	2,903	1,800	0.00	0.00	0.00	0.00	0.00	0.00
1902690	9	2,903	1,800	122.06	129.31	132.55	135.86	139.26	142.75
1902818	10	2,903	1,800	412.25	436.73	447.67	458.85	470.35	482.13
1903033	12	3,226	2,000	2,890.59	3,062.22	3,138.93	3,217.36	3,297.99	3,380.59
1903092	14	1,129	700	0.00	0.00	0.00	0.00	0.00	0.00
8000126	FERN	1,613	1,000	69.66	73.80	75.64	77.53	79.48	81.47
8000196	15	3,226	2,000	3,131.62	3,317.56	3,400.67	3,485.63	3,572.99	3,662.47
SUBTOTAL:		25,002	15,500	7,461.00	7,904.00	8,102.00	8,304.43	8,512.56	8,725.74
MOON VALLEY NURSERY OF CALIFORNIA, INC. (COINER, JAMES W., DBA COINER NURSERY) (1)									
1903072	5R	NA	NA	93.94	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	93.94	0.00	0.00	0.00	0.00	0.00
MUNOZ, RALPH (1)									
8000219	MUNOZ	NA	NA	1.36	5.00	5.00	5.00	5.00	5.00
SUBTOTAL:		NA	NA	1.36	5.00	5.00	5.00	5.00	5.00
NAMIMATSU FARMS INC.									
1901034	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
NICK TOMOVICH & SON									
8000037	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
NO. 17 WALNUT PLACE MUTUAL WATER COMPANY									
8000038	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
OWL ROCK PRODUCTS (ROBERTSON'S READY MIX)									
1900043	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902241	NA	3,205	1,987	0.00	0.00	0.00	0.00	0.00	0.00
1903119	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		3,205	1,987	0.00	0.00	0.00	0.00	0.00	0.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
PARK WATER CO.									
1901307	26-A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000039	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
PICO COUNTY WATER DISTRICT									
8000040	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
POLOPOLUS, ET AL									
1902169	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
PROGRESSIVE BUDDHIST ASSOCIATION (1)									
8000228	--	NA	NA	0.54	5.00	5.00	5.00	5.00	5.00
SUBTOTAL:		NA	NA	0.54	5.00	5.00	5.00	5.00	5.00
RICHWOOD MUTUAL WATER COMPANY									
1901521	1 SOUTH	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901522	2 NORTH	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
ROWLAND WATER DISTRICT (1)									
--	--	NA	NA	0.00	26.64	26.64	26.64	26.64	26.64
SUBTOTAL:		NA	NA	0.00	26.64	26.64	26.64	26.64	26.64
RURBAN HOMES MUTUAL WATER COMPANY (1)									
1900120	1-NORTH	726	450	0.00	0.00	0.00	0.00	0.00	0.00
1900121	2-SOUTH	484	300	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		1,210	750	0.00	0.00	0.00	0.00	0.00	0.00
RUTH, ROY									
8000041	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
S.L.S. & N. INC. (1)									
8000151	NA	NA	NA	24.88	26.70	26.70	26.70	26.70	26.70
SUBTOTAL:		NA	NA	24.88	26.70	26.70	26.70	26.70	26.70
SAN GABRIEL COUNTRY CLUB (1)									
1900547	1	226	140	43.73	43.04	43.04	43.04	43.04	43.04
1902979	2	750	465	191.46	206.11	206.11	206.11	206.11	206.11
SUBTOTAL:		976	605	235.19	249.15	249.15	249.15	249.15	249.15
SAN GABRIEL COUNTY WATER DISTRICT (2)									
1901669	5 BRA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901670	6 BRA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901671	7	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901672	8	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902785	9	1,613	1,000	1,558.20	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
1902786	10	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000067	11	1,129	700	6.45	180.00	180.00	180.00	180.00	180.00
8000123	12	4,274	2,650	957.96	960.00	960.00	960.00	960.00	960.00
8000133	14	3,871	2,400	899.86	965.00	965.00	965.00	965.00	965.00
8000220	15	3,871	2,400	842.42	955.00	955.00	955.00	955.00	955.00
SUBTOTAL:		14,759	9,150	4,264.89	4,560.00	4,560.00	4,560.00	4,560.00	4,560.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
SAN GABRIEL VALLEY WATER COMPANY (1)									
1900725	G4A	1,534	951	213.93	215.32	218.63	222.79	222.79	222.79
1900733	5A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902635	B1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000112	B5C	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000038	--	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900729	1B	1,792	1,111	153.96	154.96	157.34	160.34	160.34	160.34
1902946	1C	3,268	2,026	0.00	0.00	0.00	0.00	0.00	0.00
8000081	1B4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000082	1B5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000102	1D	3,524	2,185	3,181.65	3,202.37	3,251.56	3,313.44	3,313.44	3,313.44
1900749	2C	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902857	2D	3,684	2,284	1,949.77	1,962.47	1,992.61	2,030.53	2,030.53	2,030.53
8000065	2E	3,226	2,000	28.59	28.78	29.22	29.77	29.77	29.77
1900736	8A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900746	8B	1,887	1,170	10.84	10.91	11.08	11.29	11.29	11.29
1900747	8C	2,299	1,425	1,337.56	1,346.27	1,366.95	1,392.96	1,392.96	1,392.96
1903103	8D	3,629	2,250	1,836.27	1,848.23	1,876.62	1,912.33	1,912.33	1,912.33
8000113	8E	4,412	2,735	17.08	17.19	17.46	17.79	17.79	17.79
1900739	11A	3,557	2,205	2,234.17	2,248.72	2,283.26	2,326.71	2,326.71	2,326.71
1900745	11B	2,894	1,794	4.27	4.30	4.36	4.45	4.45	4.45
1902713	11C	1,578	978	24.19	24.35	24.72	25.19	25.19	25.19
8000083	11B7	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902858	B4B	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902947	B4C	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900718	B5A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900719	B5B	4,741	2,939	4,642.37	4,672.60	4,744.37	4,834.66	4,834.66	4,834.66
1900721	B6B	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1903093	B6C	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000084	B6B2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000098	B6D	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902525	B2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000122	B7E	826	512	171.89	173.01	175.67	179.01	179.01	179.01
1901435	B7A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901436	B8	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901437	B9	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901439	B11A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901440	B7B	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000068	B7C	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000094	B7D	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000099	B9B	1,327	823	259.53	261.22	265.23	270.28	270.28	270.28
8000108	B11B	2,855	1,770	456.46	459.43	466.49	475.37	475.37	475.37
8000172	1E	4,274	2,650	2,157.66	2,171.71	2,205.07	2,247.03	2,247.03	2,247.03
8000160	B5D	3,805	2,359	77.75	78.26	79.46	80.97	80.97	80.97
8000169	8F	4,794	2,972	383.57	386.07	392.00	399.46	399.46	399.46
NA	G4B	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
NA	1F	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000197	2F	NA	1,576	606.27	610.22	619.59	631.38	631.38	631.38
NA	B11C	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000203	B24A	3,736	2,316	12.49	12.57	12.76	13.01	13.01	13.01
8000204	B24B	3,668	2,274	3.12	3.14	3.19	3.25	3.25	3.25
8000187	B25A	3,892	2,413	3,583.51	3,606.84	3,662.25	3,731.94	3,731.94	3,731.94
8000188	B25B	3,968	2,460	3,362.85	3,384.75	3,436.74	3,502.14	3,502.14	3,502.14
8000189	B26A	1,011	627	1,065.60	1,072.54	1,089.01	1,109.74	1,109.74	1,109.74
8000190	B26B	1,800	1,116	1,022.07	1,028.73	1,044.53	1,064.41	1,064.41	1,064.41
8000205	B5E	4,654	2,885	5,083.00	5,116.10	5,194.68	5,293.55	5,293.55	5,293.55
8000226	11D	2,823	1,750	464.94	467.97	475.16	484.20	484.20	484.20
NA	B24C	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
NA	B24D	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		82,634	52,806	34,345.36	34,569.00	35,100.00	35,768.00	35,768.00	35,768.00
SLOAN RANCHES									
1901198	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000045	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
SIERRA LA VERNE COUNTRY CLUB (1)									
8000124	1	NA	NA	0.00	5.00	5.00	5.00	5.00	5.00
8000125	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000192	15 OFFSITE	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	5.00	5.00	5.00	5.00	5.00
SIERRA MADRE, CITY OF (1)									
8000193	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SONOCO PRODUCTS COMPANY (1)									
1912786	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902971	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000137	2	NA	NA	73.63	77.39	77.39	77.39	77.39	77.39
SUBTOTAL:		NA	NA	73.63	77.39	77.39	77.39	77.39	77.39
SOUTH COVINA WATER SERVICE									
1901606	102	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SOUTH PASADENA, CITY OF (2)									
1901679	GRAV 2	1,129	700	0.00	140.00	140.00	140.00	140.00	140.00
1901681	2 WIL	1,936	1,200	0.00	0.00	0.00	0.00	0.00	0.00
1901682	3 WIL	3,161	1,960	2,494.87	2,072.09	2,072.09	2,072.09	2,072.09	2,072.09
1903086	4 WIL	1,774	1,100	863.59	1,162.91	1,162.91	1,162.91	1,162.91	1,162.91
SUBTOTAL:		8,000	4,960	3,358.46	3,375.00	3,375.00	3,375.00	3,375.00	3,375.00
SOUTHERN CALIFORNIA EDISON COMPANY (1)									
1900342	1EB86	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900343	2EB76	211	131	0.00	0.00	0.00	0.00	0.00	0.00
8000046	110RH	NA	NA	0.16	0.23	0.23	0.23	0.23	0.23
8000047	MURAT	2,420	1,500	0.00	0.00	0.00	0.00	0.00	0.00
1900344	38EIS	1,415	877	0.00	0.00	0.00	0.00	0.00	0.00
1900344	38W	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		4,045	2,508	0.16	0.23	0.23	0.23	0.23	0.23
STERLING MUTUAL WATER COMPANY (1)									
1902085	SOUTH	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902096	NORTH	397	246	26.09	27.07	27.07	27.07	27.07	27.07
8000132	NEW SO	436	270	63.02	65.39	65.39	65.39	65.39	65.39
SUBTOTAL:		832	516	89.11	92.47	92.47	92.47	92.47	92.47
SUBURBAN WATER SYSTEMS (2)									
1900337	152W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901429	201W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901430	201W2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901431	201W3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901432	201W5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901433	201W4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901434	201W6	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901596	147W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901597	142W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901598	139W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901599	139W2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901600	139W3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901602	140W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901604	148W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
1901608	105W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901609	106W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901610	111W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901611	112W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901612	113W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901613	114W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901614	117W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901615	120W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901616	122W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901617	123W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901618	124W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901619	125W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901620	126W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901621	131W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901622	133W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901623	134W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901624	135W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901625	136W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901627	202W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902119	149W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902519	150W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902760	147W2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902761	153W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902762	154W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902763	157W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1903067	140W3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000069	139W4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000077	147W3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000087	125W2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000092	126W2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000093	140W4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000145	140W5	4,516	2,800	0.13	0.19	0.19	0.19	0.19	0.19
8000095	139W5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000152	139W6	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902518	151W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902819	155W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902820	155W2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901605	101W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901607	103W1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000181	121W1	2,742	1,700	257.22	367.21	367.21	367.21	367.21	367.21
8000183	142W2	4,033	2,500	4,558.32	6,507.49	6,507.49	6,507.49	6,507.49	6,507.49
8000195	201W7	4,839	3,000	3,273.43	4,673.17	4,673.17	4,673.17	4,673.17	4,673.17
8000198	201W8	4,516	2,800	1,358.05	1,938.76	1,938.76	1,938.76	1,938.76	1,938.76
8000207	151W2	5,162	3,200	1,007.86	1,438.83	1,438.83	1,438.83	1,438.83	1,438.83
8000208	201W9	5,162	3,200	4,934.51	7,044.54	7,044.54	7,044.54	7,044.54	7,044.54
8000210	201W10	5,807	3,600	1,680.69	2,399.36	2,399.36	2,399.36	2,399.36	2,399.36
SUBTOTAL:		36,776	22,800	17,070.21	24,369.54	24,369.54	24,369.54	24,369.54	24,369.54
SUNNY SLOPE WATER COMPANY (1)									
1900026	8	2,668	1,654	1,680.79	1,819.39	1,819.39	1,819.39	1,819.39	1,819.39
1902792	9	2,970	1,721	38.10	41.24	41.24	41.24	41.24	41.24
8000048	10	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000157	13	2,970	1,841	656.41	710.54	710.54	710.54	710.54	710.54
SUBTOTAL:		8,607	5,216	2,375.30	2,571.17	2,571.17	2,571.17	2,571.17	2,571.17
TEXACO INC.									
1900001	14	519	322	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		519	322	0.00	0.00	0.00	0.00	0.00	0.00
TRAN, HIEU (1)									
8000218	TRAN	NA	NA	4.99	5.00	5.00	5.00	5.00	5.00
SUBTOTAL:		NA	NA	4.99	5.00	5.00	5.00	5.00	5.00
TYLER NURSERY									
8000049	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
UNITED CONCRETE PIPE CORPORATION									
8000067	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
UNITED ROCK PRODUCTS CORPORATION (1)									
1900106	IRW-1	NA	NA	467.09	401.49	401.49	401.49	401.49	401.49
1902532	SIERRA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1903062	IRW-2	NA	NA	1.29	1.11	1.11	1.11	1.11	1.11
NA	PIT 2 PUMP	NA	NA	31.87	27.39	27.39	27.39	27.39	27.39
SUBTOTAL:		NA	NA	500.25	429.99	429.99	429.99	429.99	429.99
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY									
NA	EW4-3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
NA	EW4-4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
NA	EW4-8	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
NA	EW4-9	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
VALENCIA HEIGHTS WATER COMPANY (2)									
8000051	1	NA	NA	538.26	0.00	0.00	0.00	0.00	0.00
8000052	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000054	4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000055	3A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000120	5	0	0	0.00	0.00	0.00	0.00	0.00	0.00
8000180	6	807	500	0.00	342.86	457.14	457.14	457.14	457.14
8000211	7	726	450	0.00	257.14	342.86	342.86	342.86	342.86
SUBTOTAL:		1,532	950	538.26	600.00	800.00	800.00	800.00	800.00
VALECITO WATER COMPANY									
1901435	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901436	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901437	3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901438	4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901439	5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901440	6	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
VALLEY COUNTY WATER DISTRICT (3)									
1900027	E MAIN	2,760	1,711	1,889.79	1,943.78	1,943.78	1,943.78	1,943.78	1,943.78
1900028	W MAIN	1,681	1,042	887.01	912.35	912.35	912.35	912.35	912.35
1900029	MORADA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900031	PADDY	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900032	E NIXON (JOAN)	4,355	2,700	2,105.27	2,165.42	2,165.42	2,165.42	2,165.42	2,165.42
1900034	ARROW	NA	3,400	79.00	4,033.00	4,033.00	4,033.00	4,033.00	4,033.00
1900035	B DAL	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901307	11	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902356	W NIXON (JOAN)	4,194	2,600	1,967.24	2,023.45	2,023.45	2,023.45	2,023.45	2,023.45
8000039	PALM	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000060	LANTE (SA1-3)	5,484	3,400	2,570.49	4,033.00	4,033.00	4,033.00	4,033.00	4,033.00
8000185	SA1-1	1,613	1,000	1,009.34	1,613.00	1,613.00	1,613.00	1,613.00	1,613.00
8000186	SA1-2	0	0	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		20,087	15,853	10,508.14	16,724.00	16,724.00	16,724.00	16,724.00	16,724.00
VALLEY VIEW MUTUAL WATER COMPANY (2)									
1900363	1	310	192	0.00	0.00	0.00	0.00	0.00	0.00
1900364	2	766	475	552.23	503.00	503.00	503.00	503.00	503.00
1900365	3	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		1,076	667	552.23	503.00	503.00	503.00	503.00	503.00

RECORDATION NUMBER	WELL NAME	WELL CAPACITY		2019-20 PRODUCTION	PROJECTED GROUNDWATER DEMANDS				
		ACRE-FEET	GPM		2020-21	2021-22	2022-23	2023-24	2024-25
VIA TRUST									
1903012	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
VULCAN MATERIALS COMPANY (CALMAT COMPANY) (1)									
1902920	E DUR	6,386	3,959	0.00	0.00	0.00	0.00	0.00	0.00
1903088	1 REL	4,068	2,522	181.67	235.53	235.53	235.53	235.53	235.53
8000063	W DUR	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
NA	TEMP/NEW PERM	NA	NA	314.45	407.67	407.67	407.67	407.67	407.67
SUBTOTAL:		10,454	6,481	496.12	643.19	643.19	643.19	643.19	643.19
WHITTIER, CITY OF (1)									
1901745	9	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901746	10	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901747	11	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901748	12	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901749	13	1,048	650	263.74	855.93	868.97	883.51	898.04	898.90
8000021	FROM	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000071	15	5,807	3,600	886.73	2,877.76	2,921.60	2,970.48	3,019.35	3,022.22
8000110	16	4,355	2,700	83.29	270.31	274.42	279.02	283.61	283.88
8000135	17	0	0	0.00	0.00	0.00	0.00	0.00	0.00
8000136	18	0	0	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		11,210	6,950	1,233.76	4,004.00	4,065.00	4,133.00	4,201.00	4,205.00
WILMOTT, ERMA M.									
8000006	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
WOODLAND, RICHARD									
1902949	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902950	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
WORKMAN MILL INVESTMENT COMPANY (RINCON DITCH COMPANY) (1)									
1902790	4	2,153	1,335	0.00	18.75	18.75	18.75	18.75	18.75
SUBTOTAL:		2,153	1,335	0.00	18.75	18.75	18.75	18.75	18.75
WORKMAN MILL INVESTMENT COMPANY (RINCON IRRIGATION COMPANY) (1)									
1900132	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900095	2	1,428	885	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:		1,428	885	0.00	0.00	0.00	0.00	0.00	0.00
WORKMAN MILL INVESTMENT COMPANY (ROSE HILLS MEMORIAL PARK) (1)									
1900052	3	1,192	739	0.00	0.00	0.00	0.00	0.00	0.00
1900094	1	673	417	0.00	53.96	53.96	53.96	53.96	53.96
SUBTOTAL:		1,865	1,156	0.00	53.96	53.96	53.96	53.96	53.96
TOTAL		**503,053**	**317,530**	**183,252.92**	**216,968.23**	**218,916.96**	**220,891.78**	**223,921.95**	**224,826.41**

NOTES:

GROUNDWATER PRODUCTION AND DEMANDS IN ACRE-FEET
GPM:GALLONS PER MINUTE
NA:NOT AVAILABLE
(1) GROUNDWATER DEMANDS PROJECTED BY WATERMASTER
(2) PROJECTED GROUNDWATER DEMANDS PROVIDED BY PRODUCER
(3) PROJECTED GROUNDWATER DEMANDS PROVIDED BY PRODUCER AND ADJUSTED BY WATERMASTER

APPENDIX B.

SIMULATED CHANGES IN GROUNDWATER ELEVATIONS AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

APPENDIX B

SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN
UNDER PROJECTED FIVE CONSECUTIVE DRY HYDROLOGICAL CONDITIONS WITH WATER RESOURCE DEVELOPMENT ASSESSMENT

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
ADAMS RANCH MUTUAL WATER COMPANY						
01	1902106	Inactive	162.60	157.70	-4.90	
02	1902689	Inactive	162.60	157.70	-4.90	
03	8000182	Inactive	162.10	157.30	-4.80	
ALHAMBRA, CITY OF						
MOEL (08)	1900010	Active	146.90	144.20	-2.70	Groundwater Demands Projected by Watermaster
09	1900011	Standby	150.10	148.50	-1.60	Groundwater Demands Projected by Watermaster
10	1900012	Inactive	151.80	149.80	-2.00	
12	1900013	Standby	151.20	149.30	-1.90	Groundwater Demands Projected by Watermaster
13	1900014	Active	151.20	149.00	-2.20	
14	1900015	Active	151.20	148.20	-3.00	Groundwater Demands Projected by Watermaster
15	1900016	Active	150.80	146.50	-4.30	Groundwater Demands Projected by Watermaster
LON 1	1903014	Active	148.60	146.30	-2.30	Groundwater Demands Projected by Watermaster
LON 2	1900017	Active	133.40	133.00	-0.40	Groundwater Demands Projected by Watermaster
GARF	1900018	Inactive	154.00	152.10	-1.90	
11	1903014	Active	148.60	146.30	-2.30	Groundwater Demands Projected by Watermaster
07	1903097	Inactive	149.30	147.10	-2.20	
AMARILLO MUTUAL WATER COMPANY						
01	1900791	Active	160.20	154.70	-5.50	Projected Groundwater Demands Provided by Producer
02	1900792	Active	160.20	154.70	-5.50	Projected Groundwater Demands Provided by Producer
ARCADIA, CITY OF						
LON 1	1901013	Active	195.50	177.30	-18.20	Projected Groundwater Demands Provided by Producer
LON 2	1901014	Active	195.80	177.70	-18.10	Projected Groundwater Demands Provided by Producer
CAM REAL 3	8000213	Active	186.40	172.40	-14.00	Projected Groundwater Demands Provided by Producer

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
ST JO 2	8000177	Inactive	195.80	181.50	-14.30	Projected Groundwater Demands Provided by Producer
BAL 2	1902791	Inactive	169.20	163.70	-5.50	
PECK 1	1902854	Active	190.40	171.70	-18.70	Projected Groundwater Demands Provided by Producer
L OAK 1	8000127	Active	192.40	172.40	-20.00	Projected Groundwater Demands Provided by Producer
LGY 3	8000214	Active	178.20	167.50	-10.70	Projected Groundwater Demands Provided by Producer
AZUSA, CITY OF (AZUSA AGRICULTURE WATER COMPANY, AZUSA VALLEY WATER COMPANY)						
05 (01)	1902533	Active	576.80	562.50	-14.30	Projected Groundwater Demands Provided by Producer
06 (03)	1902535	Active	576.80	561.70	-15.10	Projected Groundwater Demands Provided by Producer
GENESIS 2 (05)	1902537	Inactive	224.00	204.10	-19.90	
01 (07)	8000072	Active	577.30	560.30	-17.00	Projected Groundwater Demands Provided by Producer
03 (08)	8000086	Active	576.60	559.80	-16.80	Projected Groundwater Demands Provided by Producer
02 (1 NORTH)	1902457	Active	577.50	561.00	-16.50	Projected Groundwater Demands Provided by Producer
04 (2 SOUTH)	1902458	Active	577.10	560.30	-16.80	Projected Groundwater Demands Provided by Producer
08 (AVWC 04)	1902115	Active	577.00	562.40	-14.60	Projected Groundwater Demands Provided by Producer
07 (AVWC 05)	1902116	Active	576.80	561.70	-15.10	Projected Groundwater Demands Provided by Producer
09 (AVWC 06)	1902117	Inactive	222.60	204.70	-17.90	
10 (AVWC 08)	8000103	Active	222.10	204.30	-17.80	Projected Groundwater Demands Provided by Producer
11	8000178	Active	577.60	561.20	-16.40	Projected Groundwater Demands Provided by Producer
12	8000179	Active	578.20	562.10	-16.10	Projected Groundwater Demands Provided by Producer
CALIFORNIA-AMERICAN WATER COMPANY/DUARTE SYSTEM						
STA FE	1900354	Active	233.50	191.90	-41.60	Projected Groundwater Demands Provided by Producer
B V	1900355	Standby	216.70	187.40	-29.30	
B V 2	8000216	Active	216.70	187.40	-29.30	Projected Groundwater Demands Provided by Producer

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
FISH C	1900358	Inactive	577.60	561.60	-16.00	
WILEY	1902907	Active	570.90	556.60	-14.30	Projected Groundwater Demands Provided by Producer
CR HV	1903018	Active	229.60	194.10	-35.50	Projected Groundwater Demands Provided by Producer
ENCANTO	8000139	Active	568.90	556.30	-12.60	Projected Groundwater Demands Provided by Producer
LAS L2	8000140	Active	559.90	550.80	-9.10	Projected Groundwater Demands Provided by Producer
BACON	1900497	Active	563.60	553.30	-10.30	Projected Groundwater Demands Provided by Producer
CALIFORNIA-AMERICAN WATER COMPANY/SAN MARINO SYSTEM						
GUESS	1900918	Inactive	161.30	157.10	-4.20	
MIVW 2	1900920	Inactive	156.70	157.10	0.40	
GRAND	1900926	Inactive	152.90	152.50	-0.40	
ROSEMEAD	1900927	Inactive	153.80	152.40	-1.40	
ROANOKE	1900934	Inactive	150.60	148.90	-1.70	
LONGDEN	1900935	Active	141.10	139.90	-1.20	Projected Groundwater Demands Provided by Producer
HOWLAND	1902424	Active	169.90	162.90	-7.00	Projected Groundwater Demands Provided by Producer
MAR 3	1903019	Active	164.40	159.20	-5.20	Projected Groundwater Demands Provided by Producer
DELMAR	1903059	Active	142.50	138.80	-3.70	Projected Groundwater Demands Provided by Producer
HALL 2	8000175	Active	171.20	162.20	-9.00	Projected Groundwater Demands Provided by Producer
CALIFORNIA COUNTRY CLUB						
ARTES	1902531	Standby	179.20	170.50	-8.70	
SYCAMORE	1903084	Standby	179.10	170.40	-8.70	
CALIFORNIA DOMESTIC WATER COMPANY						
02	1901181	Active	181.20	169.50	-11.70	Projected Groundwater Demands Provided by Producer
06	1902967	Active	182.90	171.60	-11.30	Projected Groundwater Demands Provided by Producer
03	1903057	Active	180.50	168.90	-11.60	Projected Groundwater Demands Provided by Producer
08	1903081	Active	180.90	169.60	-11.30	Projected Groundwater Demands Provided by Producer

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
05A	8000100	Active	180.20	168.50	-11.70	Projected Groundwater Demands Provided by Producer
14	8000174	Active	181.00	169.90	-11.10	Projected Groundwater Demands Provided by Producer
CITRUS VALLEY MEDICAL CENTER, QUEEN OF THE VALLEY CAMPUS (QUEEN OF THE VALLEY HOSPITAL)						
NA	8000138	Inactive	200.10	187.90	-12.20	
COVINA IRRIGATING COMPANY						
BAL 3	1900882	Active	206.00	189.10	-16.90	Projected Groundwater Demands Provided by Producer
BAL 1	1900885	Active	206.30	189.30	-17.00	Projected Groundwater Demands Provided by Producer
BAL 2	1900883	Active	206.20	189.20	-17.00	Projected Groundwater Demands Provided by Producer
CROWN CITY PLATING COMPANY						
01	8000012	Inactive	169.70	163.00	-6.70	
DEL RIO MUTUAL WATER COMPANY						
BURKETT	1900331	Active	178.50	169.40	-9.10	Groundwater Demands Projected by Watermaster
DRIFTWOOD DAIRY						
01	1902924	Inactive	182.30	170.30	-12.00	
EAST PASADENA WATER COMPANY, LTD.						
09	1901508	Active	149.80	148.50	-1.30	Projected Groundwater Demands Provided by Producer
11	8000217	Active	149.80	148.50	-1.30	Projected Groundwater Demands Provided by Producer
EL MONTE, CITY OF						
02A	1901692	Active	177.10	167.60	-9.50	Groundwater Demands Projected by Watermaster
03	1901693	Standby	179.10	169.10	-10.00	
04	1901694	Standby	177.90	168.40	-9.50	
10	1901699	Active	179.70	169.40	-10.30	Groundwater Demands Projected by Watermaster
12	1903137	Active	176.20	167.20	-9.00	Groundwater Demands Projected by Watermaster
13	8000101	Active	176.70	167.60	-9.10	Groundwater Demands Projected by Watermaster
15	8000232	Active	166.20	160.30	-5.90	Groundwater Demands Projected by Watermaster
16	8000233	Active	167.60	161.40	-6.20	Groundwater Demands Projected by Watermaster

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
GLENDORA, CITY OF						
11-E	1900826	Active	571.90	580.70	8.80	Projected Groundwater Demands Provided by Producer
08-E	1900829	Active	574.40	558.00	-16.40	Projected Groundwater Demands Provided by Producer
09-E	1900830	Active	575.40	558.80	-16.60	Projected Groundwater Demands Provided by Producer
12-E	1900827	Active	574.40	558.00	-16.40	Projected Groundwater Demands Provided by Producer
10-E	1900828	Active	571.30	579.80	8.50	Projected Groundwater Demands Provided by Producer
07-G	1900831	Inactive	223.00	203.80	-19.20	
13-E	8000184	Active	566.30	573.90	7.60	Projected Groundwater Demands Provided by Producer
02-E	1901526	Active	566.70	573.90	7.20	Projected Groundwater Demands Provided by Producer
03-G	1901525	Inactive	219.20	202.00	-17.20	
04-E	1901524	Inactive	219.40	202.40	-17.00	
05-E	8000149	Active	575.10	559.30	-15.80	Projected Groundwater Demands Provided by Producer
GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN DIMAS DISTRICT						
BAS-3	1902148	Active	809.10	789.20	-19.90	Groundwater Demands Projected by Watermaster
BAS-4	1902149	Active	800.30	777.80	-22.50	Groundwater Demands Projected by Watermaster
HIGHWAY	1902150	Active	809.10	789.70	-19.40	Groundwater Demands Projected by Watermaster
HIGHWAY 2	8000212	Active	808.10	790.60	-17.50	Groundwater Demands Projected by Watermaster
ART-3	1902842	Active	803.60	782.40	-21.20	Groundwater Demands Projected by Watermaster
COL-4	1902268	Active	572.00	536.10	-35.90	Groundwater Demands Projected by Watermaster
COL-6	1902270	Inactive	573.50	537.40	-36.10	
COL-8	1902272	Inactive	701.40	663.20	-38.20	
CITY	1902286	Active	1249.00	1206.00	-43.00	Groundwater Demands Projected by Watermaster
MALON	1902287	Active	1244.00	1198.00	-46.00	Groundwater Demands Projected by Watermaster

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN GABRIEL VALLEY DISTRICT						
S G 1	1900510	Active	153.90	148.10	-5.80	Groundwater Demands Projected by Watermaster
S G 2	1900511	Active	154.60	149.10	-5.50	Groundwater Demands Projected by Watermaster
SAX 3	1900514	Active	154.70	151.40	-3.30	Groundwater Demands Projected by Watermaster
SAX 4	8000146	Active	154.70	151.40	-3.30	Groundwater Demands Projected by Watermaster
JEF 1	1902017	Inactive	197.10	178.40	-18.70	
JEF 4	8000111	Active	197.10	178.40	-18.70	Groundwater Demands Projected by Watermaster
ENC 1	1902024	Active	160.90	155.90	-5.00	Groundwater Demands Projected by Watermaster
ENC 2	1902035	Active	160.10	155.40	-4.70	Groundwater Demands Projected by Watermaster
ENC 3	8000073	Active	159.60	155.50	-4.10	Groundwater Demands Projected by Watermaster
PER 1	1902027	Active	182.40	170.00	-12.40	Groundwater Demands Projected by Watermaster
GRA 2	1902461	Inactive	199.30	180.70	-18.60	
FAR 1	1902034	Active	189.10	172.70	-16.40	Groundwater Demands Projected by Watermaster
FAR 2	1902948	Active	188.80	172.80	-16.00	Groundwater Demands Projected by Watermaster
GOULD ELECTRONICS INC. AND JOHNSON CONTROLS INC.						
SEW	NA	Active	166.40	161.20	-5.20	Groundwater Demands Projected by Watermaster
HANSON AGGREGATES WEST, INC. (LIVINGSTON-GRAHAM)						
EL 4	1903006	Active	199.00	181.40	-17.60	Groundwater Demands Projected by Watermaster
EL 1	1901492	Active	199.50	181.50	-18.00	Groundwater Demands Projected by Watermaster
EL 3	1901493	Active	199.70	181.80	-17.90	Groundwater Demands Projected by Watermaster

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
HEMLOCK MUTUAL WATER COMPANY						
NORTH	1901178	Active	191.40	175.80	-15.60	Groundwater Demands Projected by Watermaster
SOUTH	1902806	Active	191.10	175.80	-15.30	Groundwater Demands Projected by Watermaster
INDUSTRY WATERWORKS SYSTEM, CITY OF						
01	1902581	Inactive	181.80	171.80	-10.00	
03	8000078	Inactive	181.80	171.80	-10.00	
04	8000096	Inactive	181.80	171.70	-10.10	
02	1902582	Inactive	182.00	172.00	-10.00	
05	8000097	Active	181.40	171.40	-10.00	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
LA PUENTE VALLEY COUNTY WATER DISTRICT						
02	1901460	Active	195.00	182.40	-12.60	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
04	8000062	Inactive	194.60	182.60	-12.00	
03	1902859	Active	195.20	183.00	-12.20	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
05	8000209	Active	194.60	182.60	-12.00	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
LOS ANGELES, COUNTY OF						
KEY WELL	3030F	Monitoring	203.40	186.70	-16.70	
WHI 1	1902579	Inactive	171.00	162.20	-8.80	
SF 1	8000070	Active	220.60	194.50	-26.10	Groundwater Demands Projected by Watermaster
BIG RED	8000088	Inactive	173.30	164.60	-8.70	
NEW LAKE	8000089	Inactive	170.10	161.60	-8.50	
MILLERCOORS LLC (MILLER BREWERIES WEST, L.P./MILLER BREWING COMPANY)						
01	8000075	Inactive	223.60	195.70	-27.90	
02	8000076	Active	225.80	195.60	-30.20	Groundwater Demands Projected by Watermaster

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
MONROVIA, CITY OF						
02	1900418	Active	196.90	178.00	-18.90	Projected Groundwater Demands Provided by Producer
03	1900419	Active	196.40	177.60	-18.80	Projected Groundwater Demands Provided by Producer
04	1900420	Active	198.60	178.80	-19.80	Projected Groundwater Demands Provided by Producer
05	1940104	Active	198.60	178.20	-20.40	Projected Groundwater Demands Provided by Producer
06	8000171	Active	196.70	177.60	-19.10	Projected Groundwater Demands Provided by Producer
MONTEREY PARK, CITY OF						
01	1900453	Active	156.60	151.90	-4.70	Projected Groundwater Demands Provided by Producer
03	1900455	Inactive	156.30	151.50	-4.80	
05	1900457	Active	155.90	150.90	-5.00	Projected Groundwater Demands Provided by Producer
06	1900458	Inactive	157.60	152.50	-5.10	
07	1902372	Inactive	161.90	155.40	-6.50	
08	1902373	Inactive	163.10	156.30	-6.80	
09	1902690	Active	161.00	154.30	-6.70	Projected Groundwater Demands Provided by Producer
10	1902818	Active	155.30	149.90	-5.40	Projected Groundwater Demands Provided by Producer
12	1903033	Active	158.70	150.60	-8.10	Projected Groundwater Demands Provided by Producer
14	1903092	Inactive	161.20	155.40	-5.80	
FERN	8000126	Active	157.00	151.80	-5.20	Projected Groundwater Demands Provided by Producer
15	8000196	Active	159.00	150.00	-9.00	Projected Groundwater Demands Provided by Producer
MOON VALLEY NURSERY (COINER, JAMES W., DBA COINER NURSERY)						
03	1902951	Inactive	181.40	171.20	-10.20	
05R	1903072	Active	181.00	171.60	-9.40	Groundwater Demands Projected by Watermaster
OWL ROCK PRODUCTS COMPANY						
NA	1902241	Inactive	206.60	185.60	-21.00	
NA	1903119	Inactive	575.20	559.90	-15.30	Impact from Glendora Extraction

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
POLOPOLUS ET AL.						
01	1902169	Inactive	207.20	188.80	-18.40	
RURBAN HOMES MUTUAL WATER COMPANY						
NORTH 1	1900120	Active	190.70	176.20	-14.50	Groundwater Demands Projected by Watermaster
SOUTH 2	1900121	Inactive	190.30	176.00	-14.30	
SAN GABRIEL COUNTRY CLUB						
01	1900547	Active	140.10	139.40	-0.70	Impact from Alhambra Extraction Groundwater Demands Projected by Watermaster
SAN GABRIEL COUNTY WATER DISTRICT						
05 BRA	1901669	Inactive	151.90	149.90	-2.00	
08	1901672	Inactive	147.00	145.50	-1.50	
09	1902785	Active	143.20	142.40	-0.80	Projected Groundwater Demands Provided by Producer
10	1902786	Inactive	149.60	148.50	-1.10	
11	8000067	Active	151.60	149.40	-2.20	Projected Groundwater Demands Provided by Producer
12	8000123	Active	151.20	149.10	-2.10	Projected Groundwater Demands Provided by Producer
14	8000133	Active	151.20	148.10	-3.10	Projected Groundwater Demands Provided by Producer
15	8000220	Active	138.80	137.10	-1.70	Projected Groundwater Demands Provided by Producer
SAN GABRIEL VALLEY WATER COMPANY						
G4A	1900725	Active	159.30	154.50	-4.80	Groundwater Demands Projected by Watermaster
B1	1902635	Inactive	174.70	166.00	-8.70	
B5A	1900718	Inactive	179.20	168.50	-10.70	
B5B	1900719	Active	179.20	168.50	-10.70	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
B5C	8000112	Inactive	181.40	170.50	-10.90	
B5D	8000160	Active	179.20	168.50	-10.70	BPOU Extraction Well Projected Groundwater Demands Provided by Producer

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
B5E	8000205	Active	178.90	168.60	-10.30	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
B25A	8000187	Active	187.10	174.70	-12.40	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
B25B	8000188	Active	187.10	174.70	-12.40	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
B26A	8000189	Active	192.50	180.50	-12.00	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
B26B	8000190	Active	192.50	180.50	-12.00	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
8A	1900736	Inactive	165.50	158.40	-7.10	
8B	1900746	Active	164.30	157.40	-6.90	SEMOU Extraction Well Projected Groundwater Demands Provided by Producer
8C	1900747	Active	162.00	155.50	-6.50	SEMOU Extraction Well Projected Groundwater Demands Provided by Producer
8D	1903103	Active	161.90	155.40	-6.50	SEMOU Extraction Well Projected Groundwater Demands Provided by Producer
8E	8000113	Active	162.00	155.50	-6.50	SEMOU Extraction Well Projected Groundwater Demands Provided by Producer
8F	8000169	Active	164.10	157.30	-6.80	SEMOU Extraction Well Projected Groundwater Demands Provided by Producer
1B	1900729	Active	184.80	172.20	-12.60	Groundwater Demands Projected by Watermaster
1C	1902946	Inactive	184.80	172.20	-12.60	
1D	8000102	Active	184.80	172.20	-12.60	Groundwater Demands Projected by Watermaster
1E	8000172	Active	184.80	172.30	-12.50	Groundwater Demands Projected by Watermaster
2D	1902857	Active	186.10	169.20	-16.90	Groundwater Demands Projected by Watermaster
2E	8000065	Active	185.80	170.10	-15.70	Groundwater Demands Projected by Watermaster
2F	8000197	Active	185.80	170.10	-15.70	Groundwater Demands Projected by Watermaster
11A	1900739	Active	177.80	168.90	-8.90	Groundwater Demands Projected by Watermaster

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
11B	1900745	Active	178.00	169.20	-8.80	Groundwater Demands Projected by Watermaster
11C	1902713	Active	178.10	169.30	-8.80	Groundwater Demands Projected by Watermaster
B4B	1902858	Inactive	189.70	177.90	-11.80	
B4C	1902947	Inactive	189.70	177.90	-11.80	
B6C	1903093	Inactive	194.70	182.30	-12.40	
B6D	8000098	Inactive	194.70	182.30	-12.40	
B7E	8000122	Active	197.60	191.50	-6.10	Groundwater Demands Projected by Watermaster
B2	1902525	Inactive	174.90	166.20	-8.70	
B11A	1901439	Destroyed	196.10	188.10	-8.00	
B11B	8000108	Active	196.30	188.20	-8.10	Groundwater Demands Projected by Watermaster
B9B	8000099	Active	195.50	187.80	-7.70	Groundwater Demands Projected by Watermaster
B24A	8000203	Active	198.70	192.80	-5.90	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
B24B	8000204	Active	198.10	192.10	-6.00	BPOU Extraction Well Projected Groundwater Demands Provided by Producer
SIERRA LA VERNE COUNTRY CLUB						
01	8000124	Inactive	1276.00	1217.00	-59.00	
SONOCO PRODUCTS COMPANY						
02	1902971	Inactive	186.80	176.70	-10.10	
02	8000137	Active	186.00	175.90	-10.10	Groundwater Demands Projected by Watermaster
SOUTH PASADENA, CITY OF						
GRAV 2	1901679	Inactive	153.30	151.30	-2.00	
WIL 2	1901681	Inactive	143.30	142.10	-1.20	
WIL 3	1901682	Active	139.50	138.30	-1.20	Projected Groundwater Demands Provided by Producer
WIL 4	1903086	Active	141.40	140.30	-1.10	Projected Groundwater Demands Provided by Producer

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
SOUTHERN CALIFORNIA EDISON COMPANY						
110RH	8000046	Active	202.90	184.00	-18.90	Groundwater Demands Projected by Watermaster
STERLING MUTUAL WATER COMPANY						
NEW SO.	8000132	Active	185.30	173.30	-12.00	Groundwater Demands Projected by Watermaster
NORTH	1902096	Active	185.30	173.30	-12.00	Groundwater Demands Projected by Watermaster
SUBURBAN WATER SYSTEMS						
121W-1	8000181	Active	201.60	191.10	-10.50	Projected Groundwater Demands Provided by Producer
125W-2	8000087	Inactive	224.20	220.50	-3.70	
126W-2	8000092	Inactive	225.80	222.40	-3.40	
139W-2	1901599	Inactive	201.20	187.80	-13.40	
139W-4	8000069	Standby	201.20	187.70	-13.50	
139W-5	8000095	Inactive	201.00	187.60	-13.40	
139W-6	8000152	Inactive	201.10	188.00	-13.10	
140W-3	1903067	Standby	195.30	184.60	-10.70	
140W-4	8000093	Inactive	195.30	184.60	-10.70	
140W-5	8000145	Active	195.20	184.40	-10.80	Projected Groundwater Demands Provided by Producer
142W-2	8000183	Active	197.80	184.90	-12.90	Projected Groundwater Demands Provided by Producer
151W-2	8000207	Active	197.50	187.30	-10.20	Projected Groundwater Demands Provided by Producer
155W-1	1902819	Inactive	251.70	262.20	10.50	
201W-9	8000208	Active	169.90	160.30	-9.60	Projected Groundwater Demands Provided by Producer
201W-4	1901433	Inactive	170.30	160.90	-9.40	
201W-7	8000195	Active	170.10	159.50	-10.60	Projected Groundwater Demands Provided by Producer
201W-8	8000198	Active	170.00	160.60	-9.40	Projected Groundwater Demands Provided by Producer
201W-10	8000210	Active	170.30	160.00	-10.30	Projected Groundwater Demands Provided by Producer

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
SUNNY SLOPE WATER COMPANY						
08	1900026	Active	140.80	139.40	-1.40	Groundwater Demands Projected by Watermaster
09	1902792	Active	144.30	143.00	-1.30	Groundwater Demands Projected by Watermaster
10	8000048	Inactive	159.20	158.00	-1.20	
13	8000157	Active	146.90	146.00	-0.90	Groundwater Demands Projected by Watermaster
TYLER NURSERY						
NA	8000049	Inactive	174.30	165.70	-8.60	
UNITED ROCK PRODUCTS CORPORATION						
IRW-1	1900106	Active	207.20	184.90	-22.30	Groundwater Demands Projected by Watermaster
IRW-2	1903062	Active	207.20	184.80	-22.40	Groundwater Demands Projected by Watermaster
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY						
EW4-3	EPAEW403	Remedial	170.50	162.90	-7.60	WNOU Extraction (Inactive)
EW4-4	EPAEW404	Remedial	169.90	162.20	-7.70	WNOU Extraction (Inactive)
EW4-5	EPAEW405	Remedial	169.50	161.50	-8.00	WNOU Extraction (Active) Groundwater Demands Projected by Watermaster
EW4-9	EPAEW409	Remedial	169.50	161.50	-8.00	WNOU Extraction (Inactive)
EW4-6	8000201	Remedial	168.60	161.00	-7.60	WNOU Extraction (Active) Groundwater Demands Projected by Watermaster
EW4-7	EPAEW407	Remedial	169.90	162.30	-7.60	WNOU Extraction (Active) Groundwater Demands Projected by Watermaster
EW4-8	EPAEW408	Remedial	170.60	163.10	-7.50	WNOU Extraction (Inactive)
VALENCIA HEIGHTS WATER COMPANY						
01	8000051	Inactive	231.60	229.70	-1.90	
02	8000052	Inactive	231.60	229.70	-1.90	
03A	8000055	Inactive	238.90	238.30	-0.60	
04	8000054	Inactive	224.50	218.80	-5.70	
05	8000120	Active	239.80	239.30	-0.50	Projected Groundwater Demands Provided by Producer
06	8000180	Active	231.90	229.90	-2.00	Projected Groundwater Demands Provided by Producer
07	8000211	Active	240.00	239.50	-0.50	Projected Groundwater Demands Provided by Producer
VALLEY COUNTY WATER DISTRICT						
E MAINE	1900027	Active	207.00	186.50	-20.50	Projected Groundwater Demands Provided by Producer and Adjusted by Watermaster

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
W MAINE	1900028	Active	207.00	186.50	-20.50	Projected Groundwater Demands Provided by Producer and Adjusted by Watermaster
MORADA	1900029	Inactive	217.30	198.80	-18.50	
E NIXON (JOAN)	1900032	Active	206.50	185.90	-20.60	Projected Groundwater Demands Provided by Producer and Adjusted by Watermaster
W NIXON (JOAN)	1902356	Active	206.40	185.80	-20.60	Projected Groundwater Demands Provided by Producer and Adjusted by Watermaster
ARROW	1900034	Inactive	211.40	189.30	-22.10	BPOU Extraction
LANTE (SA1-3)	8000060	Active	210.60	189.20	-21.40	Projected Groundwater Demands Provided by Producer and Adjusted by Watermaster
PALM	8000039	Inactive	199.70	184.40	-15.30	
B DALTON	1900035	Inactive	200.60	186.50	-14.10	
PADDY LN	1900031	Inactive	196.70	183.40	-13.30	
SA1-1	8000185	Active	212.70	192.70	-20.00	BPOU Extraction Projected Groundwater Demands Provided by Producer and Adjusted by Watermaster
SA1-2	8000186	Standby	210.80	191.50	-19.30	BPOU Extraction Projected Groundwater Demands Provided by Producer and Adjusted by Watermaster
VALLEY VIEW MUTUAL WATER COMPANY						
01	1900363	Inactive	200.20	183.20	-17.00	
02	1900364	Active	200.20	183.20	-17.00	Projected Groundwater Demands Provided by Producer
VULCAN MATERIALS COMPANY (CALMAT COMPANY)						
REL 1	1903088	Active	226.00	198.00	-28.00	Groundwater Demands Projected by Watermaster
WHITTIER, CITY OF						
13	1901749	Active	171.10	161.80	-9.30	Groundwater Demands Projected by Watermaster
15	8000071	Active	170.70	161.40	-9.30	Groundwater Demands Projected by Watermaster
16	8000110	Active	170.40	161.40	-9.00	Groundwater Demands Projected by Watermaster
17	8000135	Active	170.50	161.50	-9.00	Groundwater Demands Projected by Watermaster
18	8000136	Active	170.00	161.30	-8.70	Groundwater Demands Projected by Watermaster

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2019-20	2024-25		
WORKMAN MILL INVESTMENT COMPANY (RINCON DITCH COMPANY)						
04	1902790	Inactive	170.80	161.70	-9.10	
WORKMAN MILL INVESTMENT COMPANY (RINCON IRRIGATION COMPANY)						
02	1900095	Inactive	171.10	161.90	-9.20	
WORKMAN MILL INVESTMENT COMPANY (ROSE HILLS MEMORIAL PARK)						
03	1900052	Inactive	171.00	161.80	-9.20	
01	1900094	Inactive	170.70	161.70	-9.00	
				AVERAGE CHANGE	**-11.20**	

(1) SIMULATED ELEVATION IN FEET ABOVE MEAN SEA LEVEL
(2) DIFFERENCE BETWEEN 2024-25 AND 2019-20 SIMULATED ELEVATIONS

APPENDIX C.

HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS AND NITRATE CONCENTRATIONS AND WELLS VULNERABLE TO CONTAMINATION

APPENDIX C

HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS AND WELLS VULNERABLE TO CONTAMINATION (AS OF MAY 31, 2020)

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
9447 SAN GABRIEL CANYON LLC (VIETNAMESE AMERICAN BUDDHIST CONGREGATION TEMPLE)								
VIETNAMESE TEMPLE	IRRIGATION	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
ADAMS RANCH MUTUAL WATER COMPANY								
01	MUNICIPAL	INACTIVE	TCE	2.2	05/88	ND	02/97	
			NITRATE (N)	21.9	04/92	8.8	02/97	
			CLO4	NA	NA	NA	NA	
02	MUNICIPAL	INACTIVE	TCE	3.5	08/86	2.5	09/86	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
03	MUNICIPAL	INACTIVE	TCE	22.0	05/15	14.0	02/16	
			PCE	10.0	05/15	6.6	02/16	
			NITRATE (N)	4.7	03/04	4.5	05/15	
			CLO4	ND	08/08	ND	02/16	
			AS	ND	05/03	ND	05/15	
			CR6	1.1	08/13	1.1	08/13	
ALHAMBRA, CITY OF								
07	MUNICIPAL	INACTIVE	TCE	14.0	04/18	14.0	04/18	VULNERABLE
			PCE	0.8	04/07	0.6	04/18	(VOC, NO3(N))
			C-1,2-DCE	2.0	04/18	2.0	04/18	
			CTC	0.6	02/85	ND	04/18	
			NITRATE (N)	12.0	04/18	12.0	04/18	
			CLO4	2.4	10/07	ND	04/18	
			AS	0.7	07/96	ND	05/17	
			CR6	9.0	07/01	8.3	05/17	
09	MUNICIPAL	STANDBY	TCE	21.1	08/08	14.0	05/20	VULNERABLE
			C-1,2-DCE	2.3	10/07	1.9	05/20	(VOC, NO3(N),CLO4)
			NITRATE (N)	14.0	12/16	10.0	01/20	
			CLO4	4.7	02/14	ND	05/17	
			AS	0.9	07/96	ND	01/20	
			CR6	5.7	12/05	4.0	01/20	
10	IRRIGATION	INACTIVE	TCE	30.1	02/09	22.0	10/10	
			C-1,2-DCE	5.8	03/05	ND	10/10	
			1,1-DCE	0.5	03/05	ND	10/10	
			NITRATE (N)	12.7	01/07	12.4	10/10	
			CLO4	ND	08/97	ND	08/97	
11	MUNICIPAL	ACTIVE	PCE	4.7	05/12	3.3	05/20	VULNERABLE
			TCE	4.2	05/89	0.6	07/19	(VOC,NO3(N))
			C-1,2-DCE	1.5	04/08	ND	07/19	
			NITRATE (N)	10.8	10/12	8.6	04/18	
			CLO4	ND	08/97	ND	05/20	
			AS	0.8	07/96	ND	04/18	
			CR6	7.7	06/01	6.9	04/18	
12	MUNICIPAL	STANDBY	TCE	39.4	08/08	18.0	07/19	VULNERABLE
			PCE	1.7	01/14	1.5	05/20	(VOC,NO3(N))
			C-1,2-DCE	41.0	05/17	34.0	07/19	
			1,1-DCE	0.8	09/08	0.7	05/20	
			T-1,2-DCE	0.9	09/08	0.6	05/20	
			NITRATE (N)	9.5	01/14	6.9	09/17	
			CLO4	ND	08/08	ND	05/20	
			AS	ND	08/89	ND	09/17	
			CR6	4.5	09/17	4.5	09/17	
13	IRRIGATION	ACTIVE	TCE	0.5	08/07	ND	04/14	
			NITRATE (N)	13.3	07/13	13.3	07/13	
			CLO4	ND	03/97	ND	01/14	
			AS	8.0	06/78	ND	11/10	
			CR6	7.1	08/01	4.6	09/13	
14	MUNICIPAL	ACTIVE	TCE	2.4	08/08	1.0	10/19	VULNERABLE
			NITRATE (N)	10.4	08/12	2.8	10/19	(NO3(N))
			CLO4	ND	08/97	ND	04/19	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			AS	0.6	07/96	ND	10/19	
			CR6	5.8	06/01	4.9	10/19	
15	MUNICIPAL	ACTIVE	PCE	0.8	10/14	ND	05/20	VULNERABLE
			NITRATE (N)	6.3	10/12	1.9	04/19	(NO3(N))
			CLO4	ND	08/97	ND	05/20	
			AS	1.5	07/96	ND	04/19	
			CR6	4.1	12/00	3.1	04/19	
GARF	MUNICIPAL	INACTIVE	TCE	11.0	08/82	ND	09/93	
			PCE	0.5	11/87	ND	09/93	
			CTC	0.1	04/80	ND	09/93	
			1,1,2,2-PCA	1.0	11/87	ND	09/93	
			NITRATE (N)	15.4	08/89	12.1	09/93	
			AS	ND	06/80	ND	08/92	
			CLO4	NA	NA	NA	NA	
LON 1	MUNICIPAL	ACTIVE	PCE	0.5	05/20	0.5	05/20	VULNERABLE
			NITRATE (N)	7.5	09/11	6.8	07/19	(NO3(N),CLO4)
			CLO4	5.0	12/97	ND	05/20	
			AS	2.4	07/95	ND	07/19	
			CR6	7.2	06/01	6.4	07/19	
LON 2	MUNICIPAL	ACTIVE	PCE	1.3	06/10	1.1	05/20	VULNERABLE
			NITRATE (N)	11.4	04/86	6.0	05/20	(NO3(N),CLO4)
			CLO4	5.6	07/97	ND	12/19	
			AS	0.8	07/96	ND	05/20	
			CR6	9.5	06/01	8.6	05/20	
MOEL (8)	MUNICIPAL	ACTIVE	TCE	23.0	07/14	11.0	07/19	VULNERABLE
			PCE	1.6	07/08	0.6	04/20	(VOC,NO3(N))
			C-1,2-DCE	2.6	05/17	1.7	04/20	
			NITRATE (N)	17.2	07/08	12.0	07/17	
			CLO4	ND	12/99	ND	04/20	
			AS	0.9	07/96	ND	07/17	
			CR6	7.2	07/17	7.2	07/17	
AMARILLO MUTUAL WATER COMPANY								
01	MUNICIPAL	ACTIVE	PCE	5.5	10/99	2.9	01/20	VULNERABLE
			TCE	3.3	11/18	0.7	01/20	(VOC,NO3(N))
			CTC	0.1	08/82	ND	01/20	
			NITRATE (N)	6.2	10/99	3.6	01/20	
			CLO4	ND	08/97	ND	01/20	
			AS	0.5	07/96	ND	08/19	
			CR6	8.6	08/16	5.5	08/19	
02	MUNICIPAL	INACTIVE	PCE	6.3	08/16	5.7	11/19	VULNERABLE
			TCE	3.1	05/18	2.6	11/19	(VOC,NO3(N))
			NITRATE (N)	6.8	02/96	4.9	11/19	
			CLO4	ND	08/97	ND	08/19	
			AS	0.4	07/96	ND	08/19	
			CR6	8.7	08/19	8.7	08/19	
ANDERSON FAMILY MARITAL TRUST								
01	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
ARCADIA, CITY OF								
BAL 1	MUNICIPAL	DESTROYED	VOCS	ND	09/98	ND	09/98	
			NITRATE (N)	11.7	04/78	0.7	09/98	
			CLO4	NA	NA	NA	NA	
BAL 2	MUNICIPAL	INACTIVE	VOCS	ND	05/89	ND	06/09	
			NITRATE (N)	7.5	05/08	6.3	06/09	
			CLO4	ND	08/97	ND	07/08	
			AS	0.7	08/96	ND	03/09	
			CR6	11.1	06/01	11.1	06/01	
CAM REAL 1	MUNICIPAL	DESTROYED	VOCS	ND	01/85	ND	05/92	
			NITRATE (N)	6.3	05/91	5.1	08/92	
			CLO4	NA	NA	NA	NA	
			AS	ND	03/09	ND	08/92	
CAM REAL 2	MUNICIPAL	DESTROYED	VOCS	ND	05/89	ND	06/98	
			NITRATE (N)	13.1	05/92	8.8	05/98	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			CLO4	ND	08/97	ND	12/97	
			AS	0.4	08/96	ND	06/98	
CAM REAL 3	MUNICIPAL	ACTIVE	VOCS	ND	03/11	ND	10/19	
			NITRATE (N)	4.4	01/16	4.3	04/20	
			CLO4	ND	03/11	ND	07/19	
			AS	ND	03/10	ND	01/19	
			CR6	8.3	01/19	8.3	01/19	
L OAK 1	MUNICIPAL	ACTIVE	PCE	1.4	01/08	ND	04/17	VULNERABLE
			TCE	10.0	07/18	10.0	07/18	(VOC,NO3(N))
			NITRATE (N)	7.0	05/15	6.5	07/18	
			CLO4	ND	08/97	ND	07/18	
			AS	0.6	08/96	ND	04/17	
			CR6	3.1	04/17	3.1	04/17	
LGY	MUNICIPAL	DESTROYED	VOCS	ND	01/08	ND	01/08	
			NITRATE (N)	23.5	01/08	23.5	01/08	
			CLO4	6.0	01/08	6.0	01/08	
LGY 3	MUNICIPAL	ACTIVE	VOCS	ND	06/11	ND	10/19	
			NITRATE (N)	2.4	01/20	2.4	01/20	
			CLO4	ND	06/11	ND	07/19	
			AS	ND	03/11	ND	01/20	
			CR6	8.7	01/17	8.1	01/20	
LON 1	MUNICIPAL	ACTIVE	TCE	30.0	07/87	ND	04/20	VULNERABLE
			PCE	3.1	04/19	ND	04/20	(VOC,NO3(N))
			1,1-DCE	4.1	06/87	ND	07/19	
			1,2-DCA	1.4	07/87	ND	07/19	
			1,1,1-TCA	4.6	07/87	ND	07/19	
			NITRATE (N)	14.0	07/16	1.8	04/20	
			CLO4	ND	12/97	ND	07/19	
			AS	ND	04/85	ND	04/20	
			CR6	3.3	06/17	1.5	04/20	
LON 2	MUNICIPAL	ACTIVE	TCE	62.0	01/85	1.4	04/20	VULNERABLE
			PCE	7.7	01/82	0.6	04/20	(VOC,NO3(N))
			CTC	2.6	09/87	ND	07/19	
			1,1-DCE	0.9	05/87	ND	07/19	
			1,1,1-TCA	12.0	01/85	ND	07/19	
			NITRATE (N)	24.6	05/85	7.9	04/20	
			CLO4	ND	07/97	ND	07/19	
			AS	0.7	08/96	ND	01/16	
			CR6	4.7	01/16	4.7	01/16	
PECK 1	MUNICIPAL	ACTIVE	VOCS	ND	05/89	ND	04/20	
			NITRATE (N)	2.5	08/09	0.6	04/20	
			CLO4	ND	08/97	ND	07/19	
			AS	2.4	09/94	ND	04/20	
			CR6	1.0	11/00	ND	04/20	
ST JO 1	MUNICIPAL	DESTROYED	TCE	5.4	01/02	4.8	02/02	
			PCE	2.7	08/91	2.2	02/02	
			NITRATE (N)	13.6	06/96	10.4	06/02	
			CLO4	1.0	08/97	ND	01/02	
			AS	0.3	08/96	ND	06/01	
ST JO 2	MUNICIPAL	INACTIVE	TCE	2.4	12/09	1.1	07/17	
			PCE	9.8	09/16	7.8	07/17	
			NITRATE (N)	11.5	12/04	10.0	07/17	
			CLO4	8.6	06/02	ND	07/17	
			AS	ND	06/02	ND	04/17	
			CR6	3.2	11/02	2.6	04/17	
ATTALLA, MARY L.								
NA	IRRIGATION	INACTIVE	VOCS	ND	09/96	ND	04/98	
			NITRATE (N)	4.4	04/98	4.4	04/98	
			CLO4	ND	04/98	ND	04/98	
AZUSA ASSOCIATES LLC								
DALTON	IRRIGATION	INACTIVE	VOCS	ND	03/98	ND	03/98	
			NITRATE (N)	1.1	03/98	1.1	03/98	
			CLO4	ND	03/98	ND	03/98	
AZUSA, CITY OF								

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
AVWC 01	MUNICIPAL	DESTROYED	VOCS	ND	09/97	ND	09/97	
			NITRATE (N)	12.4	08/87	7.3	09/97	
			CLO4	5.6	09/97	5.6	09/97	
AVWC 02	MUNICIPAL	DESTROYED	VOCS	ND	01/98	ND	01/98	
			NITRATE (N)	9.7	01/98	9.7	01/98	
			CLO4	6.9	01/98	6.9	01/98	
AVWC 07	MUNICIPAL	DESTROYED	TCE	4.5	01/80	ND	03/85	
			NITRATE (N)	24.2	02/77	8.9	12/85	
			CLO4	NA	NA	NA	NA	
GENESIS 1	MUNICIPAL	DESTROYED	MTBE	1.2	11/98	1.1	11/98	
(OLD 04)			NITRATE (N)	28.6	06/87	24.8	11/98	
			CLO4	7.2	11/98	7.2	11/98	
			AS	5.0	08/79	ND	02/88	
GENESIS 2	MUNICIPAL	INACTIVE	TCE	250.0	12/79	3.7	02/08	
(OLD 05)			PCE	95.0	04/80	1.0	02/08	
			1,1-DCE	18.0	02/08	18.0	02/08	
			1,1,1-TCA	2.5	02/08	2.5	02/08	
			NITRATE (N)	23.8	02/93	3.6	02/08	
			CLO4	ND	11/98	ND	02/08	
			AS	ND	12/89	ND	02/08	
GENESIS 3	MUNICIPAL	DESTROYED	PCE	3.5	03/97	ND	03/97	
(OLD 06)			TCE	0.1	01/80	ND	03/97	
			NITRATE (N)	25.5	06/86	ND	04/01	
			CLO4	NA	NA	NA	NA	
01	MUNICIPAL	ACTIVE	VOCS	ND	06/87	ND	11/19	VULNERABLE
(OLD 07)			NITRATE (N)	1.2	08/17	0.4	08/19	(AS)
			CLO4	ND	07/97	ND	08/19	
			AS	5.1	08/95	2.3	08/19	
			CR6	1.0	11/00	ND	08/19	
02	MUNICIPAL	ACTIVE	VOCS	ND	06/89	ND	09/19	
(01 NORTH)			NITRATE (N)	1.2	03/92	ND	09/19	
			CLO4	ND	07/97	ND	09/19	
			AS	4.3	07/96	4.1	08/17	
			CR6	1.0	11/00	ND	08/17	
03	MUNICIPAL	ACTIVE	VOCS	ND	06/87	ND	08/19	
(OLD 08)			NITRATE (N)	1.0	03/95	ND	08/19	
			CLO4	ND	07/97	ND	08/19	
			AS	5.0	08/06	3.5	08/18	
			CR6	1.0	11/00	ND	08/15	
04	MUNICIPAL	ACTIVE	VOCS	ND	06/88	ND	08/19	
(02 SOUTH)			NITRATE (N)	1.2	06/89	ND	08/19	
			CLO4	ND	07/97	ND	08/19	
			AS	5.0	08/05	4.5	08/17	
			CR6	1.0	11/00	ND	08/17	
05	MUNICIPAL	ACTIVE	TCE	1.0	12/80	ND	05/20	VULNERABLE
(OLD 01)			PCE	0.3	12/80	ND	05/20	(NO3(N))
			NITRATE (N)	5.2	07/95	2.5	08/19	
			CLO4	ND	07/97	ND	05/20	
			AS	2.6	07/95	ND	08/19	
			CR6	1.0	11/00	ND	08/19	
06	MUNICIPAL	ACTIVE	VOCS	ND	03/85	ND	08/19	
(OLD 03)			NITRATE (N)	3.2	03/95	1.0	08/19	
			CLO4	ND	07/97	ND	08/19	
			AS	3.5	07/95	ND	08/19	
			CR6	1.0	11/00	ND	08/19	
07	MUNICIPAL	ACTIVE	VOCS	ND	06/88	ND	08/19	VULNERABLE
(AVWC 05)			NITRATE (N)	5.6	04/95	1.8	08/19	(NO3(N))
			CLO4	ND	06/97	ND	08/19	
			AS	3.5	08/14	2.2	08/17	
			CR6	1.0	11/00	ND	08/17	
08	MUNICIPAL	ACTIVE	TCE	0.8	03/94	ND	08/19	
(AVWC 04)			NITRATE (N)	2.7	09/94	1.6	08/19	
			CLO4	ND	07/97	ND	08/19	
			AS	4.2	07/95	ND	08/19	
			CR6	1.0	11/00	ND	08/19	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
09	MUNICIPAL	INACTIVE	PCE	7.4	12/87	0.6	01/99	
(AVWC 06)			NITRATE (N)	26.6	12/89	19.0	01/99	
			CLO4	NA	NA	NA	NA	
			AS	ND	02/87	ND	01/99	
10	MUNICIPAL	ACTIVE	PCE	1.0	05/15	0.6	05/20	VULNERABLE
(AVWC 08)			NITRATE (N)	14.9	05/08	11.0	05/20	(NO3(N),CLO4)
			CLO4	12.6	08/05	6.8	05/20	
			AS	1.8	07/96	ND	11/18	
			CR6	2.5	11/15	2.5	11/15	
11	MUNICIPAL	ACTIVE	VOCS	ND	06/02	ND	08/19	
			NITRATE (N)	0.8	08/08	0.4	08/19	
			CLO4	ND	06/02	ND	08/19	
			AS	4.0	08/05	2.8	08/17	
			CR6	0.2	08/13	ND	08/17	
12	MUNICIPAL	ACTIVE	VOCS	ND	06/02	ND	08/19	
			NITRATE (N)	0.9	08/08	0.5	08/19	
			CLO4	ND	06/02	ND	08/19	
			AS	4.0	08/05	2.9	08/17	
			CR6	0.5	08/13	ND	08/17	
B & B RED-I-MIX CONCRETE INC.								
03	INDUSTRIAL	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
BANKS, GALE & VICKI								
NA	IRRIGATION	ACTIVE	VOCS	ND	08/96	ND	11/19	
			NITRATE (N)	4.7	10/98	4.1	11/19	
			CLO4	ND	09/97	ND	09/97	
BASELINE WATER COMPANY								
01	IRRIGATION	DESTROYED	VOCS	ND	02/98	ND	02/98	
			NITRATE (N)	22.5	02/98	22.5	02/98	
			CLO4	12.9	02/98	12.9	02/98	
02	IRRIGATION	DESTROYED	VOCS	ND	11/98	ND	11/98	
			NITRATE (N)	16.8	11/98	16.8	11/98	
			CLO4	10.6	11/98	10.6	11/98	
03	IRRIGATION	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
BEVERLY ACRES MUTUAL WATER USERS ASSOCIATION								
ROSE HILLS	MUNICIPAL	DESTROYED	TCE	8.4	10/88	2.5	03/93	
			PCE	6.0	10/88	2.8	03/93	
			C-1,2-DCE	8.0	08/86	2.4	03/93	
			NITRATE (N)	5.1	08/86	3.3	09/90	
			CLO4	NA	NA	NA	NA	
			AS	ND	09/89	ND	08/91	
BIRENBAUM, MAX								
NA	NON-POTABLE	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
BOTELLO WATER COMPANY								
NA	MUNICIPAL	INACTIVE	VOCS	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
BURBANK DEVELOPMENT COMPANY								
BURB	NON-POTABLE	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
CALIFORNIA-AMERICAN WATER COMPANY/DUARTE SYSTEM								
B V	MUNICIPAL	STANDBY	VOCS	ND	02/85	ND	08/19	VULNERABLE

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			NITRATE (N)	0.9	10/10	0.6	08/19	(AS)
			CLO4	ND	06/97	ND	05/19	
			AS	6.0	07/93	ND	08/19	
			CR6	1.0	12/00	ND	08/19	
B V 2	MUNICIPAL	ACTIVE	VOCS	ND	03/12	ND	02/20	
			NITRATE (N)	0.9	12/14	0.6	08/19	
			CLO4	ND	09/12	ND	05/20	
			AS	2.1	08/19	2.1	08/19	
			CR6	1.0	04/11	ND	08/19	
BACON	MUNICIPAL	ACTIVE	VOCS	ND	09/15	ND	02/20	VULNERABLE
			NITRATE (N)	2.3	10/81	1.4	08/19	(AS)
			CLO4	ND	06/97	ND	05/20	
			AS	6.0	09/93	ND	08/19	
			CR6	0.4	06/11	ND	08/19	
CR HV	MUNICIPAL	ACTIVE	VOCS	ND	06/88	ND	02/20	
			NITRATE (N)	2.5	03/19	1.5	08/19	
			CLO4	ND	06/97	ND	05/20	
			AS	3.0	09/04	ND	08/19	
			CR6	1.0	12/00	ND	08/19	
ENCANTO	MUNICIPAL	ACTIVE	VOCS	ND	12/92	ND	02/20	
			NITRATE (N)	2.6	12/92	0.8	08/19	
			CLO4	ND	06/97	ND	05/20	
			AS	4.6	08/95	2.7	08/19	
			CR6	1.0	12/00	ND	08/19	
FISH C	MUNICIPAL	INACTIVE	VOCS	ND	02/85	ND	03/14	
			NITRATE (N)	1.5	11/94	0.6	12/13	
			CLO4	ND	06/97	ND	09/14	
			AS	13.0	09/80	ND	10/10	
			CR6	1.0	12/00	0.1	03/13	
LAS L	MUNICIPAL	DESTROYED	VOCS	ND	02/85	ND	06/91	
			NITRATE (N)	2.7	08/80	0.9	09/91	
			CLO4	NA	NA	NA	NA	
			AS	18.0	06/78	ND	11/94	
LAS L2	MUNICIPAL	ACTIVE	TCE	1.6	08/96	ND	02/20	
			NITRATE (N)	3.7	12/92	1.1	08/19	
			CLO4	ND	06/97	ND	05/20	
			AS	3.1	08/95	2.0	08/19	
			CR6	1.0	06/01	ND	08/19	
LEMON	MUNICIPAL	ACTIVE	VOCS	ND	11/19	ND	02/20	
			NITRATE (N)	4.6	11/19	3.5	05/20	
			CLO4	ND	08/19	ND	05/20	
MT AVE	MUNICIPAL	DESTROYED	TCE	16.5	07/87	ND	09/93	
			PCE	1.0	08/82	ND	09/93	
			1,1,1-TCA	8.4	04/85	ND	09/93	
			1,1-DCE	3.4	07/87	ND	09/93	
			T-1,2-DCE	2.0	04/85	ND	09/93	
			NITRATE (N)	14.7	05/89	2.3	09/93	
			CLO4	NA	NA	NA	NA	
			AS	ND	05/89	ND	05/89	
STA FE	MUNICIPAL	ACTIVE	TCE	3.3	04/84	ND	08/19	VULNERABLE
			NITRATE (N)	1.6	03/82	0.5	08/19	(VOC,NO3(N))
			CLO4	ND	06/97	ND	05/19	
			AS	3.0	08/79	ND	08/19	
			CR6	1.0	12/00	ND	08/19	
WILEY	MUNICIPAL	ACTIVE	VOCS	ND	09/01	ND	02/20	
			NITRATE (N)	2.5	03/81	1.2	08/19	
			CLO4	ND	06/97	ND	05/20	
			AS	2.0	09/09	ND	08/19	
			CR6	1.0	12/00	ND	08/19	
CALIFORNIA-AMERICAN WATER COMPANY/SAN MARINO SYSTEM								
BR 1	MUNICIPAL	DESTROYED	CTC	0.5	12/96	0.5	12/96	
			TCE	27.0	07/93	27.0	12/96	
			PCE	9.0	07/93	7.7	12/96	
			NITRATE (N)	7.1	12/96	7.1	12/96	
			CLO4	NA	NA	NA	NA	
			AS	1.0	03/81	ND	10/81	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
BR 2	MUNICIPAL	DESTROYED	TCE	17.0	12/96	17.0	12/96	
			PCE	6.4	12/96	6.4	12/96	
			NITRATE (N)	5.7	07/93	5.7	12/96	
			CLO4	NA	NA	NA	NA	
			AS	ND	03/81	ND	10/81	
DELMAR	MUNICIPAL	ACTIVE	VOCS	ND	06/88	ND	02/20	
			NITRATE (N)	4.5	06/14	3.9	02/20	
			CLO4	ND	06/97	ND	05/19	
			AS	5.0	07/96	2.6	05/19	
			CR6	13.0	07/19	13.0	07/19	
GRAND	MUNICIPAL	ACTIVE	TCE	4.8	03/07	3.9	05/20	VULNERABLE
			PCE	2.6	05/20	2.6	05/20	(VOC)
			NITRATE (N)	2.5	09/03	2.5	02/20	
			CLO4	ND	08/97	ND	05/20	
			AS	0.4	07/96	ND	09/16	
			CR6	10.4	11/16	8.5	05/20	
GUESS	MUNICIPAL	INACTIVE	TCE	5.2	09/99	5.2	12/01	
			PCE	5.4	12/01	5.4	12/01	
			NITRATE (N)	4.5	05/01	4.3	09/01	
			CLO4	ND	08/97	ND	03/00	
			AS	0.4	07/96	ND	02/01	
			CR6	7.8	10/00	4.8	06/01	
HALL	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
HALL 2	MUNICIPAL	ACTIVE	VOCS	ND	03/01	ND	02/20	VULNERABLE
			NITRATE (N)	6.6	06/16	3.0	11/19	(NO3(N))
			CLO4	ND	03/00	ND	05/19	
			AS	ND	09/01	ND	05/19	
			CR6	9.8	07/19	9.4	05/20	
HOWLAND	MUNICIPAL	ACTIVE	TCE	6.9	07/89	ND	08/19	VULNERABLE
			PCE	3.6	03/01	ND	08/19	(VOC)
			C-1,2-DCE	3.3	11/87	ND	05/19	
			NITRATE (N)	4.7	09/16	1.0	05/19	
			CLO4	ND	08/97	ND	05/19	
			AS	0.7	07/96	ND	05/19	
			CR6	6.7	11/16	6.5	05/19	
IVAR 1	MUNICIPAL	DESTROYED	PCE	7.4	06/99	6.2	06/00	
			TCE	1.7	06/99	ND	06/00	
			NITRATE (N)	6.6	09/94	5.9	09/01	
			CLO4	ND	08/97	ND	03/01	
			AS	0.5	10/96	0.5	10/96	
IVAR 2	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	5.4	12/84	5.4	12/84	
			CLO4	NA	NA	NA	NA	
			AS	ND	10/81	ND	10/81	
LONGDEN	MUNICIPAL	ACTIVE	PCE	17.0	09/18	12.0	02/20	VULNERABLE
			TCE	0.9	03/18	0.8	02/20	(VOC,NO3(N),CLO4)
			NITRATE (N)	16.0	03/18	15.0	06/19	
			CLO4	5.5	06/16	ND	02/20	
			AS	4.6	06/01	ND	06/19	
			CR6	4.3	05/15	4.0	06/19	
MAR 1	MUNICIPAL	DESTROYED	VOCS	ND	01/85	ND	01/85	
			NITRATE (N)	20.1	03/79	8.8	01/84	
			CLO4	NA	NA	NA	NA	
			AS	2.0	03/81	ND	10/81	
MAR 2	MUNICIPAL	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	7.5	01/84	7.5	01/84	
			CLO4	NA	NA	NA	NA	
			AS	1.0	03/81	ND	10/81	
MAR 3	MUNICIPAL	ACTIVE	VOCS	ND	01/85	ND	02/20	
			NITRATE (N)	3.9	09/17	2.0	02/20	
			CLO4	ND	06/97	ND	05/20	
			AS	1.0	05/00	ND	05/19	
			CR6	9.6	09/17	8.9	05/20	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
MIVW 1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	7.0	03/01	7.0	03/01	
			CLO4	NA	NA	NA	NA	
MIVW 2	MUNICIPAL	ACTIVE	VOCS	ND	07/87	ND	02/20	
			NITRATE (N)	10.0	03/16	9.0	06/19	
			CLO4	ND	06/97	ND	05/20	
			AS	0.6	07/96	ND	06/19	
			CR6	10.1	12/00	10.0	05/20	
RIC 1	MUNICIPAL	DESTROYED	VOCS	ND	02/85	ND	12/90	
			NITRATE (N)	5.3	08/89	2.7	11/94	
			CLO4	NA	NA	NA	NA	
			AS	ND	09/80	ND	11/94	
RIC 2	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
RIC 3	MUNICIPAL	ACTIVE	TCE	1.4	03/19	1.1	02/20	
			PCE	1.0	03/19	0.7	02/20	
			NITRATE (N)	2.8	03/18	2.6	02/20	
			CLO4	ND	09/16	ND	05/19	
			AS	ND	09/16	ND	03/19	
			CR6	9.5	09/17	9.0	02/20	
ROANOKE	MUNICIPAL	INACTIVE	TCE	5.0	06/00	4.7	12/00	
			PCE	1.2	04/90	ND	09/00	
			C-1,2-DCE	0.5	09/00	ND	12/00	
			NITRATE (N)	7.5	05/89	6.6	12/00	
			CLO4	5.6	06/97	ND	03/00	
			AS	0.8	07/96	ND	02/01	
			CR6	5.0	10/00	4.9	06/01	
ROSEMEAD	MUNICIPAL	INACTIVE	TCE	6.1	03/12	3.8	05/14	
			PCE	3.4	03/09	ND	05/14	
			NITRATE (N)	8.6	12/13	6.6	05/14	
			CLO4	ND	08/97	ND	05/14	
			AS	0.4	07/96	ND	05/14	
			CR6	11.0	10/00	5.2	06/11	
CALIFORNIA COUNTRY CLUB								
ARTES	IRRIGATION	STANDBY	VOCS	ND	05/87	ND	10/10	
			NITRATE (N)	6.6	10/10	6.6	10/10	
			CLO4	NA	NA	NA	NA	
CLUB	IRRIGATION	INACTIVE	PCE	189.0	11/87	189.0	11/87	
			1,1,2,2-PCA	24.0	11/87	24.0	11/87	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
SYCAMORE	IRRIGATION	STANDBY	PCE	7.1	09/02	0.6	10/10	
			TCE	0.7	09/01	ND	10/10	
			NITRATE (N)	28.9	10/07	4.3	10/10	
			CLO4	ND	02/98	ND	02/98	
CALIFORNIA DOMESTIC WATER COMPANY								
01-E	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
02	MUNICIPAL	DESTROYED	CTC	0.7	09/96	ND	01/20	VULNERABLE
			PCE	3.7	09/12	0.6	01/20	(VOC,NO3(N),CLO4,AS)
			TCE	4.0	10/99	ND	01/20	
			NITRATE (N)	6.1	02/15	3.9	01/20	
			CLO4	5.6	10/99	ND	05/17	
			AS	7.4	12/11	ND	05/17	
			CR6	5.1	09/18	1.9	04/17	
02A	MUNICIPAL	ACTIVE	VOCS	ND	04/20	ND	04/20	
			NITRATE (N)	2.2	04/20	2.2	04/20	
			AS	2.2	04/20	2.2	04/20	
			CR6	2.3	04/20	2.3	04/20	
03	MUNICIPAL	ACTIVE	CTC	5.3	02/01	1.2	04/20	VULNERABLE
			PCE	32.0	11/12	26.0	04/20	(VOC,NO3(N),CLO4)
			TCE	43.0	10/13	35.0	04/20	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			1,1-DCE	6.4	01/14	4.3	04/20	
			C-1,2-DCE	4.2	04/13	2.6	04/20	
			NITRATE (N)	10.8	01/07	4.2	04/20	
			CLO4	16.0	11/19	11.0	05/17	
			AS	3.3	12/11	2.1	04/20	
			CR6	3.3	11/00	2.8	04/20	
05	MUNICIPAL	DESTROYED	PCE	2.0	02/85	ND	12/90	
			NITRATE (N)	2.9	03/84	2.9	03/84	
			CLO4	NA	NA	NA	NA	
			AS	40.0	06/78	ND	03/84	
05A	MUNICIPAL	ACTIVE	CTC	1.9	08/96	ND	04/20	VULNERABLE
			PCE	20.0	11/15	9.3	04/20	(VOC,NO3(N),AS)
			TCE	19.0	11/15	9.1	04/20	
			1,1-DCE	2.7	10/08	1.5	04/20	
			C-1,2-DCE	1.6	10/08	0.7	04/20	
			NITRATE (N)	6.6	04/01	2.1	04/20	
			CLO4	ND	06/97	ND	05/17	
			AS	7.6	07/17	2.1	04/20	
			CR6	2.0	04/17	1.9	04/20	
06	MUNICIPAL	ACTIVE	CTC	3.5	12/06	ND	04/20	VULNERABLE
			PCE	39.0	10/14	10.0	04/20	(VOC,NO3(N),CLO4)
			TCE	44.0	10/14	11.0	04/20	
			1,1-DCE	6.2	10/14	1.5	04/20	
			C-1,2-DCE	4.5	10/14	0.9	04/20	
			NITRATE (N)	7.7	04/11	5.5	04/20	
			CLO4	7.8	04/17	5.3	05/17	
			AS	3.2	04/04	ND	04/20	
			CR6	2.2	04/17	2.1	04/20	
08	MUNICIPAL	ACTIVE	PCE	9.8	02/09	2.0	04/20	VULNERABLE
			TCE	12.0	02/09	ND	04/20	(VOC,NO3(N),CLO4,AS)
			CTC	1.1	09/93	ND	04/20	
			NITRATE (N)	5.4	08/02	2.6	04/20	
			CLO4	5.6	08/02	ND	05/17	
			AS	6.0	09/94	2.0	04/20	
			CR6	3.2	11/00	2.4	04/20	
10	MUNICIPAL	ACTIVE	PCE	58.0	01/19	37.0	04/20	VULNERABLE
			TCE	57.0	01/19	38.0	04/20	(VOC,NO3(N),CLO4)
			CTC	1.4	09/19	ND	04/20	
			1,1-DCE	9.4	10/16	5.5	04/20	
			C-1,2-DCE	6.5	10/16	3.3	04/20	
			NITRATE (N)	6.9	09/16	5.0	04/20	
			CLO4	10.0	08/19	4.9	04/20	
			AS	2.7	12/19	2.7	12/19	
			CR6	2.7	10/16	ND	01/18	
13-N	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
14	MUNICIPAL	INACTIVE	CTC	4.4	10/07	ND	04/20	VULNERABLE
			PCE	16.0	11/12	5.2	04/20	(VOC,NO3(N),CLO4)
			TCE	20.0	11/12	5.6	04/20	
			1,2-DCA	1.0	06/08	ND	04/20	
			C-1,2-DCE	1.6	10/12	ND	04/20	
			1,1-DCE	1.9	10/12	0.7	04/20	
			NITRATE (N)	16.9	12/14	12.0	04/20	
			CLO4	16.0	12/12	ND	05/17	
			AS	4.5	04/01	2.0	01/20	
			CR6	5.1	04/17	3.7	01/20	
CEDAR AVENUE MUTUAL WATER COMPANY								
01 SOUTH	MUNICIPAL	DESTROYED	PCE	2.2	09/90	ND	06/94	
			NITRATE (N)	6.1	08/93	2.0	06/94	
			CLO4	NA	NA	NA	NA	
			AS	NA	09/89	ND	08/93	
02 NORTH	MUNICIPAL	DESTROYED	PCE	0.8	04/92	ND	06/94	
			NITRATE (N)	4.5	01/86	1.7	08/93	
			CLO4	NA	NA	NA	NA	
			AS	ND	09/89	ND	09/92	
CEMEX CONSTRUCTION MATERIALS L.P. (AZ TWO)								

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
02	INDUSTRIAL	DESTROYED	PCE	700.0	01/85	2.8	09/03	
			TCE	940.0	04/85	6.3	09/03	
			CTC	2.2	09/02	ND	09/03	
			1,1-DCE	350.0	01/87	7.2	09/03	
			1,1-DCA	1.0	08/01	ND	09/03	
			1,1,1-TCA	430.0	01/87	3.6	09/03	
			VC	19.0	12/87	ND	09/03	
			NITRATE (N)	17.8	09/02	16.5	09/03	
			CLO4	4.2	06/97	ND	09/98	
CHAMPION MUTUAL WATER COMPANY								
01	MUNICIPAL	DESTROYED	PCE	3.0	09/86	ND	06/98	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
02	MUNICIPAL	DESTROYED	PCE	0.6	06/88	ND	09/13	
			NITRATE (N)	6.3	09/10	5.0	06/14	
			CLO4	ND	09/97	ND	09/13	
			AS	3.6	08/98	2.4	09/13	
			CR6	1.0	06/01	0.7	09/13	
03	MUNICIPAL	DESTROYED	PCE	1.3	09/96	ND	12/14	
			FREON 113	18.0	03/07	ND	03/15	
			NITRATE (N)	5.4	03/09	4.1	03/15	
			CLO4	ND	03/98	ND	12/14	
			AS	13.2	05/98	2.8	03/15	
			CR6	1.0	06/01	ND	09/14	
CHEVRON USA INC.								
TEMP 1	NON-POTABLE	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
CITRUS VALLEY MEDICAL CENTER, QUEEN OF THE VALLEY CAMPUS								
01	NON-POTABLE	INACTIVE	VOCS	ND	09/96	ND	10/10	
			NITRATE (N)	23.7	02/98	18.7	10/10	
			CLO4	24.0	02/98	24.0	02/98	
CLAYTON MANUFACTURING COMPANY								
02	INDUSTRIAL	DESTROYED	TCE	150.0	08/01	47.0	09/03	
			PCE	30.0	08/01	ND	09/03	
			1,1-DCE	10.0	08/01	1.7	09/03	
			C-1,2-DCE	1.7	08/01	ND	09/03	
			1,1-DCA	15.0	08/01	ND	09/03	
			1,2-DCA	13.0	08/01	ND	09/03	
			1,1,1-TCA	1.1	08/01	ND	09/03	
			NITRATE (N)	19.7	08/01	9.0	09/03	
			CLO4	4.0	09/97	4.0	09/97	
CORCORAN BROTHERS								
01	NON-POTABLE	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
COUNTY SANITATION DISTRICT NO. 18								
E08A	REMEDIAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
E09A	REMEDIAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
E10A	REMEDIAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
E11A	REMEDIAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
EX1	REMEDIAL	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			CLO4	NA	NA	NA	NA	
EX2	REMEDIAL	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
EX3	REMEDIAL	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
EX4	REMEDIAL	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LE1	REMEDIAL	DESTROYED	TCE	4.2	06/86	3.7	09/86	
			PCE	0.8	09/86	0.8	09/86	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LE2	REMEDIAL	DESTROYED	TCE	0.1	06/86	ND	09/86	
			PCE	NA	06/86	ND	09/86	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LE3	REMEDIAL	DESTROYED	TCE	1.5	06/86	1.2	09/86	
			PCE	1.6	06/86	0.8	09/86	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LE4	REMEDIAL	DESTROYED	TCE	5.1	09/86	5.1	09/86	
			PCE	2.0	09/86	2.0	09/86	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
COVINA, CITY OF								
01	MUNICIPAL	INACTIVE	PCE	0.6	01/99	0.6	01/99	
			NITRATE (N)	27.1	01/99	27.1	01/99	
			CLO4	NA	NA	NA	NA	
02 (GRAND)	MUNICIPAL	INACTIVE	VOCS	ND	06/88	ND	09/98	
			NITRATE (N)	26.2	08/89	23.3	04/99	
			CLO4	23.0	09/97	22.0	09/98	
			AS	3.3	08/97	3.3	08/97	
03	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	16.3	10/73	16.3	10/73	
			CLO4	NA	NA	NA	NA	
COVINA IRRIGATING COMPANY								
BAL 1	MUNICIPAL	ACTIVE	TCE	200.0	07/80	ND	07/19	VULNERABLE
			PCE	7.6	07/80	ND	07/19	(VOC,NO3(N))
			1,1-DCE	0.5	10/06	ND	07/19	
			NITRATE (N)	8.0	12/89	2.2	10/19	
			CLO4	1.5	10/06	ND	10/19	
			AS	4.7	12/89	3.1	08/18	
			CR6	1.0	10/00	0.2	07/13	
BAL 2	MUNICIPAL	ACTIVE	TCE	195.0	06/80	ND	07/19	VULNERABLE
			PCE	7.9	06/80	ND	07/19	(VOC,NO3(N),CLO4)
			1,1-DCE	0.8	07/07	ND	10/19	
			NITRATE (N)	10.6	03/10	3.5	10/19	
			CLO4	5.5	03/09	ND	10/19	
			AS	4.0	08/76	3.0	08/18	
			CR6	3.5	10/19	3.5	10/19	
BAL 3	MUNICIPAL	ACTIVE	TCE	225.0	01/80	ND	07/19	VULNERABLE
			PCE	10.0	02/85	ND	07/19	(VOC,NO3(N),CLO4)
			CTC	3.0	04/85	ND	07/19	
			1,1-DCA	4.0	04/85	ND	07/19	
			1,2-DCA	3.7	02/85	ND	07/19	
			1,1-DCE	2.1	04/85	ND	07/19	
			T-1,2-DCE	2.9	02/85	ND	07/19	
			1,1,1-TCA	5.2	04/85	ND	07/19	
			NITRATE (N)	12.9	08/89	2.2	10/19	
			CLO4	5.6	09/08	ND	10/19	
			AS	3.5	08/18	3.5	08/18	
			CR6	3.5	08/18	3.5	08/18	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
CONTR	MUNICIPAL	DESTROYED	PCE	1.4	12/92	1.3	03/94	
			NITRATE (N)	28.3	12/89	24.4	03/94	
			CLO4	NA	NA	NA	NA	
			AS	ND	12/89	ND	12/92	
VALEN	MUNICIPAL	DESTROYED	PCE	2.4	08/85	0.6	09/97	
			NITRATE (N)	16.5	06/81	15.7	09/97	
			CLO4	6.4	09/97	6.4	09/97	
CREVOLIN, A.J.								
NA	DOMESTIC	DESTROYED	VOCS	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
CROWN CITY PLATING COMPANY								
01	INDUSTRIAL	INACTIVE	TCE	1.2	09/04	1.2	09/04	
			T-1,2-DCE	1.4	05/87	ND	09/04	
			NITRATE (N)	1.7	09/04	0.8	09/08	
			CLO4	ND	09/97	ND	10/07	
DAVIDSON OPTRONICS INC.								
NA	INDUSTRIAL	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
DAWES, MARY K.								
04	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
DEL RIO MUTUAL WATER COMPANY								
BURKETT	MUNICIPAL	ACTIVE	TCE	2.2	06/90	ND	09/19	VULNERABLE
			PCE	3.7	03/97	ND	09/19	(VOC,NO3(N))
			NITRATE (N)	7.0	12/03	0.8	09/19	
			CLO4	ND	09/97	ND	09/18	
			AS	2.6	03/02	2.1	09/17	
			CR6	3.4	07/01	ND	09/17	
KLING	MUNICIPAL	INACTIVE	PCE	1.3	08/86	ND	02/89	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
DRIFTWOOD DAIRY								
01	INDUSTRIAL	INACTIVE	PCE	13.9	06/98	13.9	06/98	
			1,1,1-TCA	0.3	03/93	ND	06/98	
			NITRATE (N)	14.7	03/93	10.6	06/98	
			CLO4	ND	06/98	ND	06/98	
DUNNING, GEORGE								
1910	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
EAST PASADENA WATER COMPANY, LTD.								
09	MUNICIPAL	ACTIVE	VOCS	ND	06/88	ND	07/19	
			NITRATE (N)	1.4	09/12	1.0	03/17	
			CLO4	ND	07/97	ND	03/17	
			AS	0.9	08/96	ND	04/15	
			CR6	9.4	07/01	8.4	10/14	
11	MUNICIPAL	ACTIVE	VOCS	ND	12/11	ND	04/20	
			NITRATE (N)	0.8	09/16	0.7	03/17	
			CLO4	ND	12/11	ND	03/17	
			AS	ND	05/14	ND	04/15	
			CR6	5.9	10/14	5.9	10/14	
EL MONTE, CITY OF								
02A	MUNICIPAL	ACTIVE	PCE	13.0	03/98	4.6	05/20	VULNERABLE

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			TCE	5.3	01/95	0.7	05/20	(VOC,NO3(N),AS)
			NITRATE (N)	8.5	06/16	3.3	05/20	
			CLO4	ND	07/97	ND	07/18	
			AS	10.0	03/73	ND	08/17	
			CR6	2.6	08/17	2.6	08/17	
03	MUNICIPAL	STANDBY	PCE	23.6	12/00	1.0	05/20	VULNERABLE
			1,1,1-TCA	1.0	11/93	ND	10/19	(VOC,NO3(N),AS)
			NITRATE (N)	16.2	08/89	5.4	05/20	
			CLO4	ND	07/97	ND	10/19	
			AS	10.0	03/73	ND	12/17	
			CR6	3.2	12/17	3.2	12/17	
04	MUNICIPAL	STANDBY	PCE	60.0	12/19	60.0	12/19	VULNERABLE
			TCE	7.8	02/80	ND	12/19	(VOC,NO3(N),AS)
			NITRATE (N)	13.1	11/14	5.8	12/19	
			CLO4	ND	07/97	ND	12/19	
			AS	10.0	03/73	ND	12/19	
			CR6	2.8	07/01	1.1	12/19	
05	MUNICIPAL	DESTROYED	TCE	150.0	07/93	70.0	12/96	
			PCE	51.0	07/93	32.0	12/96	
			CTC	4.3	07/93	1.4	12/96	
			NITRATE (N)	12.2	12/96	5.9	06/99	
			CLO4	5.9	06/97	5.9	06/97	
			AS	10.0	04/73	10.0	04/73	
10	MUNICIPAL	ACTIVE	TCE	7.2	09/81	ND	05/20	VULNERABLE
			PCE	17.7	12/93	1.4	05/20	(VOC,NO3(N),AS)
			NITRATE (N)	9.3	04/16	6.8	05/20	
			CLO4	ND	06/97	ND	07/19	
			AS	20.0	03/73	ND	05/20	
			CR6	1.8	05/20	1.8	05/20	
11	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	4.9	07/79	4.9	07/79	
			CLO4	NA	NA	NA	NA	
			AS	20.0	03/73	3.0	08/79	
12	MUNICIPAL	ACTIVE	TCE	87.0	04/19	67.0	05/20	VULNERABLE
			PCE	39.0	04/19	39.0	05/20	(VOC,NO3(N))
			CTC	1.0	06/92	0.6	05/20	
			C-1,2-DCE	0.9	10/16	ND	05/20	
			NITRATE (N)	9.3	06/05	8.5	05/20	
			CLO4	ND	06/97	ND	05/20	
			AS	ND	05/84	ND	07/19	
			CR6	5.5	07/19	4.7	05/20	
13	MUNICIPAL	ACTIVE	PCE	7.5	04/16	2.2	05/20	VULNERABLE
			TCE	15.0	04/16	1.9	05/20	(VOC,NO3(N))
			NITRATE (N)	5.3	06/16	4.6	07/19	
			CLO4	ND	07/97	ND	07/19	
			AS	1.3	08/96	ND	07/19	
			CR6	5.3	07/16	3.6	07/19	
14	MUNICIPAL	ACTIVE	PCE	4.4	05/20	4.4	05/20	VULNERABLE
(DEW-1)			TCE	12.0	05/19	12.0	05/20	(VOC)
			C-1,2-DCE	1.1	12/19	0.8	05/20	
			NITRATE (N)	3.0	05/19	2.6	05/20	
			CLO4	ND	05/19	ND	05/20	
			AS	ND	05/19	ND	05/19	
			CR6	4.7	05/19	4.7	05/20	
15	MUNICIPAL	ACTIVE	PCE	6.6	05/20	6.6	05/20	VULNERABLE
(DEW-2)			TCE	7.9	05/19	7.4	05/20	(VOC,NO3(N),CLO4)
			NITRATE (N)	5.3	07/19	4.1	05/20	
			CLO4	8.9	12/19	ND	05/20	
			AS	ND	05/19	ND	05/19	
			CR6	3.8	05/20	3.8	05/20	
16	MUNICIPAL	ACTIVE	PCE	15.0	05/20	15.0	05/20	VULNERABLE
(DEW-3)			TCE	32.0	05/20	32.0	05/20	(VOC,NO3(N))
			CTC	0.6	05/19	ND	05/20	
			NITRATE (N)	6.1	07/19	4.7	05/20	
			CLO4	ND	05/19	ND	05/20	
			AS	ND	05/19	ND	05/19	
			CR6	5.0	05/19	2.9	05/20	
MT VW	IRRIGATION	DESTROYED	PCE	2.1	08/85	ND	01/01	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			TCE	2.0	01/85	ND	01/01	
			NITRATE (N)	6.8	02/87	2.3	01/01	
			CLO4	ND	09/97	ND	11/97	
			AS	ND	02/84	ND	02/84	
EL MONTE CEMETERY ASSOCIATION								
NA	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
FRUIT STREET WATER COMPANY								
NA	IRRIGATION	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
GATES, JAMES RICHARD								
GATES 1	IRRIGATION	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
01	NA	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
GLENDORA, CITY OF								
01-E	MUNICIPAL	DESTROYED	TCE	0.8	12/80	ND	09/07	
			NITRATE (N)	8.6	10/88	7.9	08/08	
			CLO4	ND	06/97	ND	03/03	
			AS	2.8	07/98	ND	03/08	
			CR6	1.0	05/01	1.0	05/01	
02-E	MUNICIPAL	ACTIVE	VOCS	ND	03/85	ND	03/20	VULNERABLE
			NITRATE (N)	15.8	05/78	1.3	09/19	(NO3(N))
			CLO4	ND	07/97	ND	03/20	
			AS	0.7	08/96	ND	09/16	
			CR6	1.3	09/16	ND	09/19	
03-G	MUNICIPAL	INACTIVE	TCE	0.5	12/79	ND	05/97	
			PCE	0.5	05/97	0.5	05/97	
			NITRATE (N)	36.7	08/83	25.1	08/99	
			CLO4	NA	NA	NA	NA	
04-E	MUNICIPAL	INACTIVE	TCE	0.7	08/80	ND	08/91	
			PCE	0.1	07/81	ND	08/91	
			NITRATE (N)	28.5	06/83	12.8	08/91	
			CLO4	NA	NA	NA	NA	
			AS	ND	07/74	ND	07/74	
05-E	MUNICIPAL	ACTIVE	VOCS	ND	02/95	ND	09/19	
			NITRATE (N)	0.7	05/95	0.4	06/19	
			CLO4	ND	07/97	ND	09/19	
			AS	5.3	04/98	2.8	06/19	
			CR6	1.0	11/00	ND	06/19	
07-G	MUNICIPAL	INACTIVE	TCE	302.0	01/81	ND	04/98	
			PCE	25.0	01/81	1.9	04/98	
			1,1-DCE	435.0	05/84	ND	04/98	
			C-1,2-DCE	21.0	05/82	ND	04/98	
			1,1-DCA	5.0	05/84	ND	04/98	
			1,2-DCA	12.1	12/93	ND	04/98	
			1,1,1-TCA	3200.0	05/84	64	04/98	
			NITRATE (N)	23.9	04/98	17.1	04/98	
			CLO4	5.3	04/98	5.3	04/98	
			AS	ND	07/74	ND	08/95	
08-E	MUNICIPAL	ACTIVE	VOCS	ND	08/02	ND	03/20	
			NITRATE (N)	1.5	08/86	ND	09/19	
			CLO4	ND	07/97	ND	09/19	
			AS	3.2	08/96	2.4	09/17	
			CR6	1.0	11/00	ND	09/17	
09-E	MUNICIPAL	ACTIVE	VOCS	ND	05/89	ND	09/19	
			NITRATE (N)	0.9	08/96	ND	09/19	
			CLO4	ND	07/97	ND	09/19	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			AS	2.6	09/17	2.6	09/17	
			CR6	1.0	11/00	ND	09/17	
10-E	MUNICIPAL	ACTIVE	VOCS	ND	07/97	ND	03/20	VULNERABLE
			NITRATE (N)	17.6	05/77	4.9	03/20	(NO3(N),AS)
			CLO4	ND	07/97	ND	03/20	
			AS	7.0	08/79	ND	03/20	
			CR6	1.2	03/17	ND	03/20	
11-E	MUNICIPAL	ACTIVE	VOCS	ND	05/82	ND	09/19	VULNERABLE
			NITRATE (N)	26.5	08/73	8.2	03/20	(NO3(N),CLO4)
			CLO4	4.9	12/10	ND	03/20	
			AS	3.2	07/98	ND	09/16	
			CR6	1.8	09/16	1.4	09/19	
12-E	MUNICIPAL	ACTIVE	TCE	0.9	12/80	ND	09/19	
			NITRATE (N)	1.1	07/98	ND	09/19	
			CLO4	ND	06/97	ND	09/19	
			AS	4.4	07/97	2.2	09/18	
			CR6	1.0	11/00	ND	09/15	
13-E	MUNICIPAL	ACTIVE	VOCS	ND	06/04	ND	03/20	VULNERABLE
			NITRATE (N)	6.6	12/09	1.5	03/20	(NO3(N))
			CLO4	ND	06/04	ND	09/19	
			AS	2.2	09/15	ND	06/19	
			CR6	0.6	09/13	ND	06/19	
GOEDERT, LILLIAN								
GOEDERT	IRRIGATION	DESTROYED	VOCS	ND	06/98	ND	06/98	
			NITRATE (N)	1.6	06/98	1.6	06/98	
			CLO4	ND	06/98	ND	06/98	
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT								
ART-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	13.6	10/74	13.6	10/74	
			CLO4	NA	NA	NA	NA	
			AS	ND	07/74	ND	07/74	
ART-2	MUNICIPAL	DESTROYED	VOCS	ND	06/89	ND	05/07	
			NITRATE (N)	5.9	08/07	2.1	09/07	
			CLO4	ND	08/97	ND	09/07	
			AS	0.8	08/96	ND	05/07	
ART-3	MUNICIPAL	ACTIVE	VOCS	ND	05/89	ND	11/19	VULNERABLE
			NITRATE (N)	31.6	05/14	8.4	05/20	(NO3(N),CLO4)
			CLO4	21.0	05/14	4.3	05/20	
			AS	0.7	08/96	ND	05/19	
			CR6	1.8	05/16	ND	05/19	
BAS-3	MUNICIPAL	ACTIVE	VOCS	ND	06/89	ND	09/19	VULNERABLE
			NITRATE (N)	28.0	05/16	5.2	11/19	(NO3(N),CLO4)
			CLO4	21.0	10/14	4.3	11/19	
			AS	4.0	08/76	ND	09/19	
			CR6	1.8	05/16	ND	09/19	
BAS-4	MUNICIPAL	INACTIVE	VOCS	ND	03/85	ND	06/16	
			NITRATE (N)	24.8	01/13	12.0	12/16	
			CLO4	23.0	03/13	7.6	12/16	
			AS	1.0	08/96	ND	05/16	
			CR6	2.3	05/16	2.3	05/16	
CITY	IRRIGATION	ACTIVE	VOCS	ND	06/88	ND	05/08	VULNERABLE
			NITRATE (N)	10.1	09/93	7.0	11/08	(NO3(N))
			CLO4	ND	08/97	ND	08/08	
			AS	0.7	08/96	ND	08/06	
			CR6	0.2	12/00	ND	07/01	
COL-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	21.0	09/75	2.3	10/76	
			CLO4	NA	NA	NA	NA	
COL-2	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	26.5	10/76	26.5	10/76	
			CLO4	NA	NA	NA	NA	
			AS	18.0	06/78	18.0	06/78	
COL-4	MUNICIPAL	ACTIVE	VOCS	ND	09/97	ND	05/19	VULNERABLE

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			NITRATE (N)	14.5	03/83	5.4	11/19	(NO3(N))
			CLO4	2.9	04/11	ND	05/19	
			AS	0.7	08/96	ND	05/19	
			CR6	1.7	02/17	ND	05/19	
COL-5	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
COL-6	MUNICIPAL	INACTIVE	PCE	7.2	07/85	ND	02/11	
			NITRATE (N)	12.7	06/85	8.1	03/11	
			CLO4	2.1	03/11	2.1	03/11	
			AS	4.0	08/76	ND	05/10	
			CR6	1.0	07/01	1.0	07/01	
COL-7	MUNICIPAL	DESTROYED	PCE	22.0	12/87	3.1	11/99	
			TCE	9.9	01/80	ND	09/99	
			1,1-DCE	1.1	03/85	ND	09/99	
			1,1,1-TCA	1.7	07/85	ND	09/99	
			NITRATE (N)	26.7	05/79	15.4	01/00	
			CLO4	4.2	01/02	4.2	01/02	
			AS	0.9	08/96	ND	01/00	
COL-8	MUNICIPAL	INACTIVE	PCE	0.2	09/80	ND	12/96	
			NITRATE (N)	27.1	06/83	11.5	12/96	
			CLO4	NA	NA	NA	NA	
			AS	6.0	08/79	ND	03/85	
HIGHWAY	MUNICIPAL	ACTIVE	TCE	0.6	12/80	ND	08/19	VULNERABLE
			PCE	0.1	12/80	ND	08/19	(NO3(N),CLO4)
			NITRATE (N)	19.0	08/15	3.3	05/20	
			CLO4	12.0	08/15	ND	05/20	
			AS	0.8	08/96	ND	08/19	
			CR6	1.0	07/01	ND	08/19	
HIGHWAY 2	MUNICIPAL	ACTIVE	VOCS	ND	10/10	ND	05/20	VULNERABLE
			NITRATE (N)	6.1	11/15	4.2	05/20	(NO3(N))
			CLO4	ND	10/10	ND	05/20	
			AS	ND	10/10	ND	12/19	
			CR6	1.7	10/10	ND	12/19	
L HILL 2	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
MALON	MUNICIPAL	ACTIVE	VOCS	ND	08/96	ND	05/20	VULNERABLE
			NITRATE (N)	9.5	09/87	2.7	05/20	(NO3(N))
			CLO4	ND	08/97	ND	09/19	
			AS	0.7	08/96	ND	08/18	
			CR6	1.0	07/01	ND	09/15	
GOLDEN STATE WATER COMPANY/SAN GABRIEL VALLEY DISTRICT (SOUTH ARCADIA)								
AZU 1	MUNICIPAL	DESTROYED	TCE	15.0	07/93	0.6	01/95	
			PCE	1.9	07/93	ND	01/95	
			NITRATE (N)	16.5	12/90	7.9	07/02	
			CLO4	NA	NA	NA	NA	
			AS	0.6	08/96	0.6	08/96	
EARL 1	MUNICIPAL	DESTROYED	PCE	6.0	09/03	6.0	09/03	
			NITRATE (N)	1.6	08/03	1.6	09/03	
			CLO4	ND	08/97	ND	08/03	
			AS	0.5	08/96	ND	07/01	
ENC 1	MUNICIPAL	ACTIVE	TCE	21.0	04/03	1.7	02/20	VULNERABLE
			PCE	3.5	04/03	0.8	02/20	(VOC,NO3(N),CLO4)
			NITRATE (N)	17.5	08/91	2.5	02/20	
			CLO4	5.7	02/13	ND	11/19	
			AS	ND	07/89	ND	05/19	
			CR6	8.2	07/01	7.8	05/19	
ENC 2	MUNICIPAL	ACTIVE	TCE	29.1	02/01	1.6	05/20	VULNERABLE
			PCE	6.4	02/15	0.5	05/20	(VOC)
			NITRATE (N)	4.7	02/09	1.3	05/20	
			CLO4	1.5	03/10	ND	08/19	
			AS	0.7	08/96	ND	08/17	
			CR6	7.9	08/17	7.9	08/17	
ENC 3	MUNICIPAL	ACTIVE	TCE	19.0	03/17	8.8	05/20	VULNERABLE

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			PCE	7.8	03/17	3.8	05/20	(VOC,NO3(N),AS)
			NITRATE (N)	9.8	07/93	3.8	05/20	
			CLO4	1.9	03/10	ND	05/20	
			AS	16.3	07/90	ND	08/17	
			CR6	8.0	09/01	7.8	08/17	
FAR 1	MUNICIPAL	ACTIVE	TCE	11.9	10/80	0.5	05/20	VULNERABLE
			PCE	3.1	10/87	ND	02/20	(VOC)
			NITRATE (N)	2.9	07/89	0.5	05/20	
			CLO4	ND	08/97	ND	05/20	
			AS	2.7	08/97	ND	05/19	
			CR6	1.6	05/16	ND	05/19	
FAR 2	MUNICIPAL	ACTIVE	TCE	12.9	07/80	ND	05/20	VULNERABLE
			PCE	2.6	10/87	ND	08/19	(VOC)
			NITRATE (N)	2.8	07/90	0.7	08/19	
			CLO4	ND	08/97	ND	08/19	
			AS	0.9	08/96	ND	08/17	
			CR6	2.6	08/17	2.6	08/17	
GAR 1	MUNICIPAL	DESTROYED	VOCS	ND	08/99	ND	07/03	
			PCE	4.5	10/03	4.5	10/03	
			NITRATE (N)	1.9	08/03	1.7	09/03	
			CLO4	ND	08/97	ND	08/03	
			AS	0.5	08/96	ND	08/03	
GAR 2	MUNICIPAL	DESTROYED	PCE	12.0	07/03	11.0	08/03	
			TCE	2.2	08/03	2.2	08/03	
			NITRATE (N)	1.6	08/97	1.0	07/02	
			CLO4	ND	08/97	ND	08/03	
			AS	0.5	08/96	ND	08/00	
GAR 3	MUNICIPAL	ACTIVE	TCE	0.8	02/17	ND	05/18	VULNERABLE
			PCE	7.8	02/17	3.1	05/18	(VOC)
			NITRATE (N)	3.8	02/17	2.1	05/19	
			CLO4	ND	06/16	ND	05/18	
			AS	ND	06/16	ND	05/19	
			CR6	6.2	06/16	5.5	05/19	
GID 1	MUNICIPAL	DESTROYED	TCE	6.6	04/85	4.1	09/93	
			PCE	0.9	09/93	0.9	09/93	
			NITRATE (N)	9.2	09/93	9.2	09/93	
			CLO4	NA	NA	NA	NA	
GID 2	MUNICIPAL	DESTROYED	TCE	86.0	05/87	5.2	09/93	
			PCE	20.0	05/87	1.5	09/93	
			CTC	3.0	05/87	ND	09/93	
			NITRATE (N)	10.3	09/93	10.3	09/93	
			CLO4	NA	NA	NA	NA	
GRA 1	MUNICIPAL	DESTROYED	TCE	33.0	09/88	25.4	11/94	
			PCE	2.5	11/93	0.6	11/94	
			NITRATE (N)	19.6	08/89	10.0	07/95	
			CLO4	NA	NA	NA	NA	
			AS	18.0	06/78	ND	08/94	
GRA 2	MUNICIPAL	INACTIVE	TCE	31.3	08/89	24.6	08/94	
			PCE	3.3	09/94	3.3	09/94	
			1,1-DCE	4.8	08/94	4.8	08/94	
			NITRATE (N)	18.5	07/90	10.0	07/95	
			CLO4	NA	NA	NA	NA	
			AS	ND	01/89	ND	08/94	
JEF 1	MUNICIPAL	INACTIVE	TCE	340.0	01/80	98.0	01/85	
			PCE	23.0	03/81	8.0	01/85	
			1,1,1-TCA	31.0	01/85	31.0	01/85	
			NITRATE (N)	11.7	07/83	11.0	03/86	
			CLO4	NA	NA	NA	NA	
JEF 2	MUNICIPAL	DESTROYED	TCE	260.0	01/80	140.0	01/85	
			PCE	15.0	03/81	6.0	01/85	
			1,1-DCE	20.0	01/85	20.0	01/85	
			1,1,1-TCA	54.0	01/85	54.0	01/85	
			NITRATE (N)	15.4	06/77	13.8	06/79	
			CLO4	NA	NA	NA	NA	
JEF 3	MUNICIPAL	DESTROYED	TCE	121.0	02/81	4.9	08/92	
			PCE	12.0	03/81	0.6	08/92	
			1,1,1-TCA	29.0	04/85	ND	08/92	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			T-1,2-DCE	2.4	04/85	ND	08/92	
			NITRATE (N)	11.7	12/84	5.3	08/92	
			CLO4	NA	NA	NA	NA	
			AS	ND	12/84	ND	08/86	
JEF 4	MUNICIPAL	ACTIVE	VOCS	ND	08/89	ND	08/19	
			NITRATE (N)	3.3	07/89	0.7	08/19	
			CLO4	ND	08/97	ND	08/19	
			AS	0.7	08/96	ND	08/18	
			CR6	1.3	07/01	ND	08/15	
PER 1	MUNICIPAL	ACTIVE	TCE	25.8	10/80	0.8	05/20	VULNERABLE
			PCE	6.8	07/87	ND	05/20	(VOC,NO3(N))
			NITRATE (N)	8.6	12/11	2.0	05/20	
			CLO4	ND	08/97	ND	11/19	
			AS	0.9	08/96	ND	08/18	
			CR6	5.6	08/15	5.6	08/15	
S G 1	MUNICIPAL	ACTIVE	PCE	46.0	04/06	11.0	05/20	VULNERABLE
			TCE	6.8	12/03	1.0	05/20	(VOC,NO3(N),CLO4)
			C-1,2-DCE	1.8	11/04	ND	05/20	
			1,1-DCA	1.8	06/04	ND	11/19	
			1,1-DCE	0.7	11/04	ND	05/20	
			FREON 11	1.2	08/03	ND	08/19	
			NITRATE (N)	6.1	04/02	2.9	05/20	
			CLO4	8.1	08/03	ND	05/20	
			AS	2.7	08/94	ND	08/19	
			CR6	5.9	12/01	5.1	08/19	
S G 2	MUNICIPAL	ACTIVE	PCE	28.0	05/11	1.8	05/20	VULNERABLE
			TCE	3.6	06/99	ND	05/20	(VOC,NO3(N),CLO4)
			1,1-DCE	0.7	04/11	ND	11/19	
			C-1,2-DCE	1.2	02/01	ND	05/20	
			NITRATE (N)	17.0	08/16	11.0	05/20	
			CLO4	7.0	02/03	ND	05/20	
			AS	0.8	08/96	ND	08/18	
			CR6	8.0	08/15	8.0	08/15	
SAX 1	MUNICIPAL	DESTROYED	PCE	1.4	04/97	0.9	12/97	
			NITRATE (N)	7.5	10/97	7.5	10/97	
			CLO4	ND	08/97	ND	12/97	
			AS	0.3	08/96	0.3	08/96	
SAX 3	MUNICIPAL	INACTIVE	PCE	1.3	09/19	1.3	09/19	VULNERABLE
			NITRATE (N)	6.2	11/96	2.4	06/19	(NO3(N))
			CLO4	ND	08/97	ND	06/19	
			AS	0.4	08/96	ND	06/19	
			CR6	5.8	08/16	4.2	06/19	
SAX 4	MINICIPAL	ACTIVE	PCE	0.8	12/16	ND	11/19	VULNERABLE
			TCE	0.5	12/16	ND	03/19	(AS)
			NITRATE (N)	2.7	08/99	ND	11/19	
			CLO4	ND	08/97	ND	03/18	
			AS	8.0	11/19	8.0	11/19	
			CR6	4.8	11/14	ND	11/19	
GREEN, WALTER								
NA	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
NA	NON-POTABLE	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
HALL (W.E.) COMPANY								
NA	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
HANSEN, ALICE								
2946C	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
HANSON AGGREGATES WEST, INC. (FORMERLY LIVINGSTON-GRAHAM)								

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
DUA 1	INDUSTRIAL	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
EL 1	INDUSTRIAL	ACTIVE	VOCS	ND	05/98	ND	12/19	
			NITRATE (N)	3.8	02/93	0.7	12/19	
			CLO4	ND	03/98	ND	03/98	
EL 3	INDUSTRIAL	ACTIVE	VOCS	ND	06/98	ND	12/19	
			NITRATE (N)	5.0	05/93	1.1	12/19	
			CLO4	ND	03/98	ND	03/98	
EL 4	INDUSTRIAL	ACTIVE	VOCS	ND	12/87	ND	10/17	
			NITRATE (N)	1.4	06/98	1.0	10/17	
			CLO4	NA	NA	NA	NA	
KIN 1	INDUSTRIAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
HARTLEY, DAVID								
NA	DOMESTIC	INACTIVE	VOCS	ND	10/95	ND	10/95	
			NITRATE (N)	25.1	01/96	16.9	04/96	
			CLO4	NA	NA	NA	NA	
HEMLOCK MUTUAL WATER COMPANY								
NORTH	MUNICIPAL	ACTIVE	PCE	51.7	04/82	ND	09/19	VULNERABLE
			TCE	0.7	12/87	ND	09/19	(VOC)
			NITRATE (N)	4.3	12/06	1.3	12/19	
			CLO4	ND	09/97	ND	03/20	
			AS	2.7	12/08	ND	12/17	
			CR6	1.0	12/00	ND	12/17	
SOUTH	MUNICIPAL	ACTIVE	PCE	210.0	12/87	ND	03/20	VULNERABLE
			TCE	0.9	04/89	ND	09/19	(VOC,NO3(N))
			NITRATE (N)	7.4	12/94	0.4	03/20	
			CLO4	ND	09/97	ND	09/19	
			AS	2.1	08/96	ND	12/17	
			CR6	1.1	12/00	ND	12/17	
INDUSTRY WATERWORKS SYSTEM, CITY OF								
01	MUNICIPAL	INACTIVE	TCE	40.0	01/80	1.7	10/92	
			PCE	9.0	04/80	5.0	10/92	
			CTC	5.7	10/92	5.7	10/92	
			1,1-DCE	15.3	10/92	15.3	10/92	
			1,2-DCA	0.6	10/92	0.6	10/92	
			NITRATE (N)	13.6	10/92	13.6	10/92	
			CLO4	NA	NA	NA	NA	
			AS	ND	01/80	ND	01/80	
02	MUNICIPAL	INACTIVE	TCE	19.0	01/80	2.3	04/81	
			PCE	10.0	04/81	10.0	04/81	
			NITRATE (N)	12.5	02/86	12.5	02/86	
			CLO4	100.0	04/99	100.0	04/99	
			AS	ND	01/80	ND	01/80	
03	MUNICIPAL	INACTIVE	PCE	2.6	09/80	1.6	07/06	
			TCE	12.0	07/06	12.0	07/06	
			CTC	0.5	07/06	0.5	07/06	
			1,2-DCA	0.5	07/06	0.5	07/06	
			NITRATE (N)	7.0	08/00	ND	07/06	
			CLO4	120.0	04/99	ND	07/06	
			AS	5.4	07/95	ND	08/04	
			CR6	6.9	11/00	6.9	11/00	
04	MUNICIPAL	INACTIVE	PCE	2.4	08/01	0.5	07/06	
			TCE	8.0	11/01	1.7	07/06	
			1,1-DCE	0.9	09/02	0.6	07/06	
			1,2-DCA	1.0	11/01	ND	07/06	
			CTC	0.7	11/01	ND	07/05	
			NITRATE (N)	9.5	06/02	7.5	04/07	
			CLO4	14.8	06/01	6.5	01/06	
			AS	6.9	07/95	2.8	08/01	
			CR6	8.9	11/00	8.4	06/01	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
05	MUNICIPAL	ACTIVE	PCE	14.0	11/19	12.0	05/20	VULNERABLE
			TCE	6.8	04/96	3.7	05/20	(VOC,NO3(N),CLO4,AS)
			1,2-DCA	0.7	09/02	ND	08/19	
			1,1-DCE	3.6	11/19	2.0	05/20	
			NITRATE (N)	7.3	07/16	6.3	05/20	
			CLO4	11.0	04/04	ND	05/17	
			AS	6.8	07/95	2.2	11/18	
			CR6	8.3	05/11	6.5	12/15	
05TH AVE	MUNICIPAL	DESTROYED	TCE	0.3	12/80	0.3	12/80	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
KNIGHT, KATHRYN M.								
NA	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LANDEROS, JOHN								
NA	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LA PUENTE VALLEY COUNTY WATER DISTRICT								
01	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
02	MUNICIPAL	ACTIVE	TCE	120.0	12/12	40.0	12/19	VULNERABLE
			PCE	6.6	03/00	2.5	12/19	(VOC,NO3(N),CLO4)
			CTC	8.5	12/02	1.8	12/19	
			1,1-DCA	2.1	11/03	ND	12/19	
			1,2-DCA	6.1	03/00	1.1	12/19	
			1,1-DCE	1.6	12/00	ND	12/19	
			C-1,2-DCE	1.9	04/10	0.8	12/19	
			NITRATE (N)	8.0	05/17	6.6	06/19	
			CLO4	183.0	02/98	34.0	05/17	
			AS	1.9	04/06	ND	06/19	
			CR6	3.7	04/06	3.6	06/19	
03	MUNICIPAL	ACTIVE	TCE	72.0	03/11	2.7	06/19	VULNERABLE
			PCE	6.3	04/85	ND	06/19	(VOC,NO3(N),CLO4)
			CTC	8.5	11/04	ND	06/19	
			1,1-DCE	0.9	10/95	ND	06/19	
			1,2-DCA	6.7	02/99	ND	06/19	
			C-1,2-DCE	1.4	01/97	ND	06/19	
			1,1-DCA	0.5	09/01	ND	06/19	
			NITRATE (N)	21.5	01/80	7.8	12/19	
			CLO4	174.0	02/98	6.6	05/17	
			AS	2.1	08/04	ND	12/19	
			CR6	4.3	06/01	3.8	12/19	
04	MUNICIPAL	INACTIVE	TCE	84.3	03/00	46.0	04/04	
			PCE	6.6	03/00	2.9	04/04	
			CTC	7.6	04/95	1.9	04/04	
			1,1-DCA	0.7	04/04	0.7	04/04	
			1,2-DCA	8.1	03/00	4.4	04/04	
			1,1-DCE	1.3	04/97	0.5	04/04	
			C-1,2-DCE	15.6	11/98	1.7	04/04	
			NITRATE (N)	5.6	04/95	4.1	04/04	
			CLO4	159.0	06/97	71.2	04/04	
			AS	2.3	09/94	ND	11/98	
			CR6	4.3	11/00	4.3	11/00	
05	MUNICIPAL	ACTIVE	TCE	43.0	03/08	7.0	03/20	VULNERABLE
			PCE	3.8	03/08	0.8	03/20	(VOC,NO3(N),CLO4)
			CTC	2.3	03/08	ND	03/20	
			1,1-DCA	0.5	03/08	ND	03/20	
			1,2-DCA	2.7	03/08	ND	03/20	
			1,1-DCE	0.5	03/08	ND	03/20	
			C-1,2-DCE	0.8	11/08	ND	03/20	
			NITRATE (N)	7.8	12/16	7.2	03/18	
			CLO4	65.0	03/08	14.0	05/17	
			AS	1.1	03/08	ND	03/18	
			CR6	3.7	03/18	3.7	03/18	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
LA VERNE, CITY OF								
SNIDO	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
W15-L	MUNICUPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
W24-L	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LEE, PAUL								
01	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
02	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
03	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
04	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LOS ANGELES, COUNTY OF								
02	NON POTABLE	DESTROYED	PCE	6.6	09/04	6.6	09/04	
			TCE	1.3	09/04	1.3	09/04	
			1,2-DCA	0.5	01/96	ND	09/04	
			NITRATE (N)	2.4	09/04	2.4	09/04	
			CLO4	ND	08/97	ND	08/97	
03	IRRIGATION	DESTROYED	PCE	2.1	06/94	2.1	06/94	
			TCE	0.7	06/94	0.7	06/94	
			NITRATE (N)	1.1	06/94	1.1	06/94	
			CLO4	NA	NA	NA	NA	
03A	IRRIGATION	DESTROYED	PCE	2.5	11/99	ND	10/08	
			NITRATE (N)	0.5	08/96	ND	10/08	
			CLO4	ND	08/97	ND	08/97	
04	IRRIGATION	DESTROYED	1,1,1-TCA	0.7	05/87	ND	11/87	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
05	IRRIGATION	DESTROYED	PCE	39.0	09/03	35.7	10/08	
			TCE	1.3	09/03	ND	10/08	
			NITRATE (N)	4.1	09/03	3.2	10/08	
			CLO4	ND	08/97	ND	08/97	
06	IRRIGATION	DESTROYED	PCE	7.4	08/96	2.8	11/99	
			TCE	8.3	08/96	2.9	11/99	
			1,1-DCA	2.0	08/96	ND	11/99	
			1,1-DCE	1.4	08/96	ND	11/99	
			C-1,2-DCE	4.5	08/96	0.8	11/99	
			NITRATE (N)	2.6	08/96	1.9	11/99	
			CLO4	NA	NA	NA	NA	
600	IRRIGATION	INACTIVE	VOCS	ND	07/98	ND	07/98	
			NITRATE (N)	1.1	07/98	1.1	07/98	
			CLO4	ND	07/98	ND	07/98	
BIG RED	NON POTABLE	INACTIVE	1,2-DCA	0.6	01/96	ND	10/09	
			NITRATE (N)	2.7	09/02	ND	10/09	
			CLO4	ND	08/97	ND	08/97	
NEW LAKE	NON POTABLE	INACTIVE	PCE	19.7	02/00	ND	11/10	
			TCE	0.9	02/00	ND	11/10	
			NITRATE (N)	5.0	02/00	4.1	11/10	
			CLO4	ND	08/97	ND	08/97	
SF 1	NON POTABLE	ACTIVE	TCE	4.3	09/04	ND	12/19	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			PCE	7.6	09/04	ND	12/19	
			VC	1.4	12/87	ND	12/19	
			NITRATE (N)	3.6	09/02	1.9	12/19	
			CLO4	ND	06/97	ND	05/10	
SF 2	NON POTABLE	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
WHI 1	NON POTABLE	INACTIVE	PCE	3.8	09/04	1.4	11/10	
			TCE	1.0	09/04	ND	11/10	
			NITRATE (N)	1.7	10/09	1.2	11/10	
			CLO4	ND	08/97	ND	08/97	
LOS FLORES MUTUAL WATER COMPANY								
HI 1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LO 1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
LOUCKS, DAVID								
NA	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
MAECHTLEN ESTATE								
M-N	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
OLD60	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
SNIDO	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
MANNING BROTHERS ROCK AND SAND COMPANY								
36230	INDUSTRIAL	DESTROYED	TCE	520.0	12/79	100.0	01/80	
			CLO4	NA	NA	NA	NA	
MAPLE WATER COMPANY								
01	MUNICIPAL	DESTROYED	VOCS	ND	06/89	ND	07/96	
			NITRATE (N)	15.4	09/94	12.5	07/96	
			CLO4	NA	NA	NA	NA	
			AS	1.3	07/96	1.3	07/96	
02	MUNICIPAL	DESTROYED	VOCS	ND	06/89	ND	07/96	
			NITRATE (N)	14.2	11/89	12.5	07/96	
			CLO4	NA	NA	NA	NA	
			AS	1.3	07/96	1.3	07/96	
MARTINEZ, FRANCES M.								
NA	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA								
02	NON-POTABLE	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
03	NON-POTABLE	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
MOLSON COORS USA LLC (MILLERCOORS LLC)								
01	INDUSTRIAL	INACTIVE	VOCS	ND	01/92	ND	10/09	
			NITRATE (N)	2.2	01/93	1.0	10/09	
			CLO4	ND	06/97	ND	06/08	
			AS	3.9	06/08	3.9	06/08	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
02	INDUSTRIAL	ACTIVE	VOCS	ND	01/92	ND	11/19	
			NITRATE (N)	3.2	10/92	0.7	11/19	
			CLO4	ND	06/97	ND	06/14	
			AS	3.5	05/08	3.3	06/13	
			CR6	ND	12/14	ND	12/14	
N BREWER	INDUSTRIAL	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
MOON VALLEY NURSERY (COINER, JAMES W., DBA COINER NURSERY)								
03	NON-POTABLE	INACTIVE	PCE	293.5	02/98	170.0	10/01	
			TCE	10.2	11/87	3.4	10/01	
			CTC	1.6	08/87	1.6	10/01	
			1,1-DCE	6.7	02/98	4.6	10/01	
			C-1,2-DCE	6.8	07/96	2.7	10/01	
			1,1,1-TCA	22.0	02/98	12.0	10/01	
			NITRATE (N)	15.1	10/01	10.1	09/07	
			CLO4	9.0	02/98	ND	09/98	
05R	NON-POTABLE	ACTIVE	PCE	7.7	02/98	ND	11/19	
			TCE	1.6	10/01	ND	11/19	
			CTC	2.7	07/96	ND	11/19	
			1,1-DCE	5.5	10/01	ND	11/19	
			NITRATE (N)	24.8	10/09	4.4	11/19	
			CLO4	9.0	02/98	4.0	09/98	
MONROVIA, CITY OF								
01	MUNICIPAL	DESTROYED	TCE	46.8	11/92	12.0	04/02	
			PCE	3.9	03/81	0.8	04/02	
			1,1-DCE	1.2	08/96	0.9	04/02	
			1,1,1-TCA	2.1	08/87	ND	07/01	
			NITRATE (N)	17.6	02/01	13.6	03/02	
			CLO4	11.1	02/01	8.4	04/02	
			AS	2.5	10/00	2.5	10/00	
02	MUNICIPAL	ACTIVE	TCE	167.0	08/82	1.3	04/20	VULNERABLE
			PCE	11.0	08/82	ND	04/20	(VOC,CLO4,NO3(N))
			1,1,1-TCA	7.1	02/87	ND	07/19	
			1,1-DCE	3.4	06/87	ND	04/20	
			1,2-DCA	1.5	02/87	ND	07/19	
			NITRATE (N)	16.0	04/18	3.1	04/20	
			CLO4	6.9	04/15	ND	04/20	
			AS	0.9	08/96	ND	04/19	
			CR6	7.1	04/16	1.3	04/19	
03	MUNICIPAL	ACTIVE	TCE	18.0	08/82	2.8	04/20	VULNERABLE
			PCE	17.0	08/82	ND	04/20	(VOC,NO3(N))
			1,1-DCE	0.8	12/08	ND	10/19	
			NITRATE (N)	11.2	05/76	2.4	04/20	
			CLO4	ND	08/97	ND	07/19	
			AS	3.6	08/97	ND	04/19	
			CR6	5.8	08/13	ND	04/19	
04	MUNICIPAL	ACTIVE	TCE	6.5	02/91	ND	04/20	VULNERABLE
			PCE	1.0	02/91	ND	04/20	(VOC,NO3(N))
			1,1-DCE	1.1	01/05	ND	04/20	
			NITRATE (N)	6.5	06/91	2.2	04/20	
			CLO4	ND	08/97	ND	10/19	
			AS	3.8	08/97	ND	10/19	
			CR6	1.1	07/01	ND	10/19	
05	MUNICIPAL	ACTIVE	TCE	8.2	10/18	0.6	01/20	VULNERABLE
			PCE	1.0	10/02	ND	01/20	(VOC,NO3(N))
			1,1-DCE	1.0	10/02	ND	01/20	
			NITRATE (N)	6.6	01/91	1.1	01/20	
			CLO4	ND	08/97	ND	07/19	
			AS	1.0	08/96	ND	04/19	
			CR6	1.5	04/16	ND	04/19	
06	MUNICIPAL	ACTIVE	TCE	23.0	04/14	21.0	04/20	VULNERABLE
			PCE	2.8	01/19	2.0	04/20	(VOC,NO3(N),CLO4)
			1,1-DCE	0.8	10/07	ND	04/20	
			NITRATE (N)	9.5	06/14	6.5	04/20	
			CLO4	4.9	06/14	ND	07/19	
			AS	ND	10/99	ND	04/19	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			CR6	3.5	04/16	ND	04/19	
MONROVIA NURSERY								
DIV 4	IRRIGATION	DESTROYED	VOCS	ND	08/96	ND	02/07	
			NITRATE (N)	48.1	09/04	45.6	02/07	
			CLO4	ND	02/98	ND	02/98	
DIV 8	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
MONTEREY PARK, CITY OF								
01	MUNICIPAL	ACTIVE	PCE	64.1	12/08	6.1	05/20	VULNERABLE
			TCE	4.1	05/04	ND	05/20	(VOC,NO3(N),CLO4)
			1,1-DCE	0.6	05/04	ND	05/20	
			1,1-DCA	1.0	05/04	ND	05/20	
			C-1,2-DCE	1.0	03/04	ND	05/20	
			NITRATE (N)	5.4	12/12	1.6	05/20	
			CLO4	4.7	05/04	ND	08/19	
			AS	0.5	07/96	ND	08/17	
			CR6	6.2	11/00	5.1	08/17	
02	MUNICIPAL	DESTROYED	PCE	6.4	04/98	6.4	04/98	
			NITRATE (N)	4.1	07/95	2.9	07/97	
			CLO4	3.0	07/97	ND	03/98	
			AS	0.4	07/96	0.4	07/96	
03	MUNICIPAL	ACTIVE	PCE	25.0	08/11	16.0	05/20	VULNERABLE
			TCE	2.7	05/04	1.1	05/20	(VOC)
			C-1,2-DCE	0.8	05/04	ND	05/20	
			NITRATE (N)	3.0	07/97	2.5	05/20	
			CLO4	4.2	05/04	ND	08/19	
			AS	12.9	08/89	3.5	08/19	
			CR6	3.2	05/04	3.1	08/19	
04	MUNICIPAL	DESTROYED	PCE	0.4	01/80	ND	11/87	
			NITRATE (N)	1.4	09/87	1.4	09/87	
			CLO4	NA	NA	NA	NA	
05	MUNICIPAL	ACTIVE	PCE	40.0	06/13	12.0	05/20	VULNERABLE
			TCE	7.0	01/92	0.7	05/20	(VOC,NO3(N),CLO4)
			C-1,2-DCE	2.0	11/01	ND	05/20	
			1,1-DCA	1.1	11/01	ND	05/20	
			1,1-DCE	0.7	11/01	ND	05/20	
			NITRATE (N)	6.1	11/15	4.7	05/20	
			CLO4	6.5	02/01	ND	05/20	
			AS	1.5	10/12	ND	11/18	
			CR6	4.7	11/14	4.7	11/15	
06	MUNICIPAL	INACTIVE	PCE	13.6	03/01	3.1	05/05	
			TCE	6.4	05/89	3.1	05/05	
			C-1,2-DCE	1.3	01/99	1.2	05/05	
			1,1-DCA	0.8	11/01	0.6	05/05	
			NITRATE (N)	6.8	06/03	5.6	05/05	
			CLO4	5.9	04/02	5.9	04/02	
			AS	2.2	09/00	ND	08/02	
			CR6	4.1	11/00	3.4	05/01	
07	MUNICIPAL	INACTIVE	PCE	6.0	09/10	6.0	09/10	
			NITRATE (N)	2.9	08/89	0.6	08/10	
			CLO4	ND	08/97	ND	08/10	
			AS	28.4	07/96	2.1	08/09	
			CR6	5.3	02/07	5.1	01/10	
08	MUNICIPAL	INACTIVE	PCE	2.5	02/05	1.9	03/09	
			NITRATE (N)	3.8	08/05	ND	11/08	
			CLO4	ND	08/97	ND	11/08	
			AS	45.0	03/09	45.0	03/09	
			CR6	6.7	12/01	6.7	12/01	
09	MUNICIPAL	ACTIVE	PCE	13.0	05/15	0.7	05/20	VULNERABLE
			TCE	1.3	04/97	ND	05/20	(VOC,AS)
			NITRATE (N)	4.1	07/12	ND	05/20	
			CLO4	ND	08/97	ND	05/20	
			AS	15.0	06/07	8.3	02/19	
			CR6	3.4	11/00	3.1	02/19	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
10	MUNICIPAL	ACTIVE	PCE	17.0	02/12	11.0	11/19	VULNERABLE
			TCE	2.6	05/04	1.1	11/19	(VOC,NO3(N),CLO4,AS)
			C-1,2-DCE	0.8	05/04	ND	11/19	
			NITRATE (N)	6.5	05/18	5.9	11/19	
			CLO4	4.3	05/04	ND	08/19	
			AS	6.7	07/98	3.7	08/19	
			CR6	6.6	11/00	4.8	08/19	
12	MUNICIPAL	ACTIVE	PCE	85.0	05/02	41.0	05/20	VULNERABLE
			TCE	5.4	10/95	2.2	05/20	(VOC,NO3(N),CLO4)
			1,1-DCA	1.3	05/12	0.6	05/20	
			1,1-DCE	0.5	05/12	ND	05/20	
			C-1,2-DCE	1.4	05/12	0.5	05/20	
			NITRATE (N)	6.1	08/07	2.8	05/20	
			CLO4	15.0	09/97	ND	05/20	
			AS	ND	04/81	ND	05/19	
			CR6	4.6	02/07	3.3	05/19	
14	MUNICIPAL	INACTIVE	PCE	2.2	05/02	0.7	05/06	
			TCE	2.9	11/02	1.5	05/06	
			1,1-DCA	0.8	08/02	ND	05/06	
			C-1,2-DCE	1.0	11/02	ND	05/06	
			NITRATE (N)	2.3	10/06	2.3	10/06	
			CLO4	ND	08/97	ND	05/03	
			AS	41.0	08/05	39.0	03/06	
			CR6	1.0	11/00	1.0	05/01	
15	MUNICIPAL	ACTIVE	PCE	190.0	02/12	75.0	05/20	VULNERABLE
			TCE	3.6	03/15	3.0	05/20	(VOC,NO3(N))
			C-1,2-DCE	0.8	08/16	0.6	05/20	
			1,1-DCA	0.7	08/16	ND	05/20	
			NITRATE (N)	5.2	11/08	3.6	05/20	
			CLO4	2.4	07/06	ND	05/20	
			AS	ND	09/06	ND	08/18	
			CR6	2.9	02/07	ND	08/15	
FERN	MUNICIPAL	ACTIVE	PCE	12.0	08/10	1.3	05/20	VULNERABLE
			TCE	2.8	10/16	0.8	05/20	(VOC,AS)
			C-1,2-DCE	0.7	03/04	ND	05/20	
			NITRATE (N)	1.5	03/04	ND	08/19	
			CLO4	2.0	08/97	ND	08/19	
			AS	16.0	07/16	15.0	08/19	
			CR6	1.5	11/00	ND	08/19	
MUNOZ, RALPH								
MUNOZ	IRRIGATION	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
NAMIMATSU FARMS								
NA	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
OWL ROCK PRODUCTS COMPANY								
NA	INDUSTRIAL	INACTIVE	VOCS	ND	05/87	ND	10/09	
			NITRATE (N)	2.0	08/89	ND	10/09	
			CLO4	NA	NA	NA	NA	
NA	INDUSTRIAL	INACTIVE	VOCS	NA	NA	ND	10/17	
			NITRATE (N)	NA	NA	ND	10/17	
			CLO4	NA	NA	NA	NA	
NA	INDUSTRIAL	INACTIVE	VOCS	ND	10/02	ND	11/04	
			NITRATE (N)	NA	NA	NA	11/04	
			CLO4	NA	NA	NA	NA	
PICO COUNTY WATER DISTRICT								
NA	MUNICIPAL	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
POLOPOLUS ET AL.								
01	IRRIGATION	INACTIVE	PCE	330.0	10/96	270.0	03/98	
			TCE	498.9	09/92	180.0	03/98	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			1,1-DCA	22.0	03/98	22.0	03/98	
			1,2-DCA	1.2	06/96	0.9	03/98	
			1,1-DCE	115.3	09/92	22.0	03/98	
			T-1,2-DCE	1.5	06/87	ND	03/98	
			1,1,1-TCA	53.0	09/92	12.0	03/98	
			CTC	0.8	06/96	0.6	03/98	
			NITRATE (N)	11.5	07/91	6.7	03/98	
			CLO4	ND	03/98	ND	03/98	
PROGRESSIVE BUDDHIST ASSOCIATION								
NA	IRRIGATION	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
RICHWOOD MUTUAL WATER COMPANY								
NORTH 2	MUNICIPAL	DESTROYED	PCE	93.0	05/83	4.0	12/93	
			TCE	3.0	03/81	ND	05/92	
			CTC	0.2	10/80	ND	05/92	
			NITRATE (N)	5.6	02/84	4.5	06/99	
			CLO4	NA	NA	NA	NA	
			AS	ND	06/90	ND	09/92	
SOUTH 1	MUNICIPAL	DESTROYED	PCE	96.0	05/83	3.4	12/93	
			TCE	0.7	12/82	ND	05/92	
			NITRATE (N)	6.5	06/99	6.5	06/99	
			CLO4	NA	NA	NA	NA	
			AS	ND	06/90	ND	09/92	
ROY, RUTH								
NA	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
RURBAN HOMES MUTUAL WATER COMPANY								
NORTH 1	MUNICIPAL	INACTIVE	PCE	16.0	11/80	ND	09/18	VULNERABLE
			1,1-DCE	0.9	09/08	ND	09/18	(VOC,NO3(N))
			FREON 11	13.3	05/04	ND	09/18	
			FREON 113	64.4	05/04	ND	09/18	
			NITRATE (N)	6.8	03/01	2.4	09/18	
			CLO4	ND	09/97	ND	09/18	
			AS	3.0	08/03	2.6	09/18	
			CR6	1.0	06/01	ND	09/15	
SOUTH 2	MUNICIPAL	INACTIVE	PCE	24.3	02/81	ND	03/13	
			1,1-DCE	1.7	10/08	ND	03/13	
			FREON 11	14.1	05/04	ND	03/13	
			FREON 113	54.2	05/04	ND	03/13	
			NITRATE (N)	8.6	03/07	4.7	03/13	
			CLO4	ND	09/97	ND	06/11	
			AS	3.0	08/03	2.1	09/12	
			CR6	1.0	06/01	ND	12/01	
SAN GABRIEL COUNTRY CLUB								
01	IRRIGATION	ACTIVE	VOCS	ND	05/85	ND	12/19	
			NITRATE (N)	15.1	07/96	7.0	12/19	
			CLO4	8.5	07/97	5.4	08/05	
02	IRRIGATION	ACTIVE	VOCS	ND	05/87	ND	12/19	
			NITRATE (N)	12.0	12/19	12.0	12/19	
			CLO4	1.4	12/97	1.1	08/05	
SAN GABRIEL COUNTY WATER DISTRICT								
05 BRA	MUNICIPAL	INACTIVE	TCE	0.9	01/97	ND	03/01	
			PCE	1.9	02/99	1.0	03/01	
			NITRATE (N)	19.0	08/89	16.0	03/01	
			CLO4	ND	09/97	ND	09/00	
			AS	0.6	08/96	ND	08/98	
			CR6	7.0	12/00	7.0	12/00	
06 BRA	MUNICIPAL	DESTROYED	VOCS	ND	02/99	ND	02/99	
			NITRATE (N)	24.6	08/72	13.0	03/00	
			CLO4	3.0	02/99	3.0	02/99	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
07	MUNICIPAL	DESTROYED	VOCS	ND	09/89	ND	10/11	
			NITRATE (N)	10.8	03/03	7.9	10/11	
			CLO4	5.6	03/03	ND	10/11	
			AS	1.3	08/96	ND	07/09	
			CR6	4.5	07/01	4.5	07/01	
08	MUNICIPAL	INACTIVE	VOCS	ND	01/90	ND	03/91	
			NITRATE (N)	17.2	01/82	5.3	08/93	
			CLO4	NA	NA	NA	NA	
			AS	ND	06/78	ND	08/90	
09	MUNICIPAL	ACTIVE	PCE	3.9	07/18	3.3	04/20	VULNERABLE
			NITRATE (N)	11.5	03/03	5.5	04/20	(VOC,NO3(N))
			CLO4	ND	09/97	ND	07/19	
			AS	ND	09/89	ND	07/15	
			CR6	8.1	12/02	7.8	07/15	
10	MUNICIPAL	INACTIVE	PCE	18.0	08/93	1.9	11/98	
			NITRATE (N)	11.3	05/89	7.0	11/98	
			CLO4	5.5	11/98	5.5	11/98	
			AS	ND	06/78	ND	11/98	
11	MUNICIPAL	ACTIVE	PCE	5.0	01/19	4.0	07/19	VULNERABLE
			TCE	0.7	10/18	ND	07/19	(VOC,NO3(N))
			NITRATE (N)	14.0	01/18	14.0	07/19	
			CLO4	ND	09/97	ND	07/19	
			AS	ND	06/78	ND	07/19	
			CR6	25.0	12/00	6.9	07/19	
12	MUNICIPAL	ACTIVE	TCE	0.8	09/02	ND	07/19	VULNERABLE
			PCE	1.2	10/18	ND	04/20	(AS)
			NITRATE (N)	2.0	06/16	ND	10/19	
			CLO4	ND	09/97	ND	07/19	
			AS	7.0	10/96	4.5	10/17	
			CR6	7.6	07/01	6.2	10/17	
14	MUNICIPAL	ACTIVE	PCE	0.6	09/02	ND	07/19	
			NITRATE (N)	4.4	02/17	1.1	07/19	
			CLO4	ND	09/97	ND	07/19	
			AS	3.1	07/08	2.5	07/17	
			CR6	4.6	07/01	2.7	07/17	
15	MUNICIPAL	ACTIVE	PCE	3.4	04/19	ND	04/20	VULNERABLE
			NITRATE (N)	7.5	03/17	0.4	04/20	(NO3(N))
			CLO4	ND	12/14	ND	10/19	
			AS	ND	06/14	2.7	04/20	
			CR6	3.6	11/14	1.7	04/20	
SAN GABRIEL VALLEY WATER COMPANY								
1B	MUNICIPAL	ACTIVE	PCE	46.0	04/81	ND	05/20	VULNERABLE
			TCE	1.8	02/80	ND	08/19	(VOC,NO3(N))
			FREON 113	22.3	08/08	ND	08/19	
			NITRATE (N)	5.1	05/08	2.6	05/20	
			CLO4	ND	08/97	ND	08/19	
			AS	2.9	07/96	2.1	08/17	
			CR6	1.0	05/14	ND	08/17	
1C	MUNICIPAL	DESTROYED	VOCS	ND	07/98	ND	08/17	
			NITRATE (N)	1.9	08/11	1.1	08/17	
			CLO4	ND	10/99	ND	08/17	
			AS	2.6	09/94	2.1	08/15	
			CR6	1.0	05/01	ND	08/15	
1D	MUNICIPAL	ACTIVE	VOCS	ND	07/98	ND	08/19	
			NITRATE (N)	1.1	07/89	0.8	08/19	
			CLO4	ND	08/97	ND	08/19	
			AS	2.0	11/06	ND	11/18	
			CR6	1.0	05/01	ND	11/15	
1E	MUNICIPAL	ACTIVE	PCE	0.7	09/02	ND	05/20	VULNERABLE
			NITRATE (N)	1.1	11/16	1.0	11/19	(CLO4)
			CLO4	5.0	06/00	ND	08/19	
			AS	2.7	11/08	2.0	11/17	
			CR6	1.0	05/01	ND	11/17	
2C	MUNICIPAL	DESTROYED	TCE	15.2	12/80	ND	11/05	
			PCE	3.0	10/87	ND	11/05	
			NITRATE (N)	3.7	08/04	1.2	08/05	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			CLO4	ND	08/97	ND	02/03	
			AS	ND	07/89	ND	08/05	
2D	MUNICIPAL	ACTIVE	TCE	25.0	12/80	ND	05/20	VULNERABLE
			PCE	0.9	03/17	ND	05/20	(VOC)
			NITRATE (N)	1.9	08/15	1.3	08/19	
			CLO4	ND	08/97	ND	08/19	
			AS	ND	07/89	ND	08/17	
			CR6	3.2	08/17	3.2	08/17	
2E	MUNICIPAL	ACTIVE	TCE	18.0	01/80	ND	05/20	VULNERABLE
			PCE	3.6	09/16	ND	05/20	(VOC)
			NITRATE (N)	4.5	08/15	2.4	08/19	
			CLO4	ND	08/97	ND	08/19	
			AS	ND	07/89	ND	08/17	
			CR6	3.8	08/17	3.8	08/17	
2F	MUNICIPAL	ACTIVE	TCE	1.3	02/15	ND	05/20	
			PCE	1.4	11/18	ND	05/20	
			NITRATE (N)	2.5	08/15	1.2	08/19	
			CLO4	ND	09/06	ND	08/19	
			AS	0.7	03/06	ND	08/18	
			CR6	3.1	08/15	3.1	08/15	
8A	MUNICIPAL	INACTIVE	PCE	0.6	11/87	ND	02/97	
			NITRATE (N)	9.1	02/97	9.1	02/97	
			CLO4	NA	NA	NA	NA	
			AS	ND	07/89	ND	07/89	
8B	MUNICIPAL	ACTIVE	PCE	220.0	02/09	98.0	05/20	VULNERABLE
			TCE	1.2	11/15	0.8	05/20	(VOC,NO3(N))
			NITRATE (N)	5.2	08/08	4.2	08/19	
			CLO4	3.0	08/97	ND	08/19	
			AS	0.4	07/96	ND	08/18	
			CR6	2.9	11/02	2.4	08/15	
8C	MUNICIPAL	ACTIVE	PCE	170.0	05/09	80.0	05/20	VULNERABLE
			TCE	0.8	05/09	0.7	05/20	(VOC,NO3(N))
			NITRATE (N)	4.5	07/98	2.2	08/19	
			CLO4	4.0	03/08	ND	08/19	
			AS	0.5	07/96	ND	08/18	
			CR6	3.4	08/15	3.4	08/15	
8D	MUNICIPAL	ACTIVE	PCE	180.0	11/18	150.0	05/20	VULNERABLE
			TCE	1.1	11/18	0.8	05/20	(VOC,NO3(N),AS)
			C-1,2 DCE	0.8	05/04	ND	05/20	
			CTC	0.6	06/88	ND	05/20	
			NITRATE (N)	6.6	06/09	4.1	05/20	
			CLO4	2.3	03/08	ND	08/19	
			AS	29.5	09/94	ND	05/20	
			CR6	3.3	11/00	3.0	05/20	
8E	MUNICIPAL	ACTIVE	PCE	10.0	03/03	ND	11/19	VULNERABLE
			NITRATE (N)	1.6	07/01	ND	08/19	(VOC)
			CLO4	ND	08/97	ND	08/19	
			AS	2.8	08/95	ND	08/19	
			CR6	4.8	08/16	4.5	08/19	
8F	MUNICIPAL	ACTIVE	VOCS	ND	10/98	ND	08/19	
			NITRATE (N)	4.3	11/10	0.7	11/19	
			CLO4	ND	01/99	ND	08/19	
			AS	2.9	11/19	2.9	11/19	
			CR6	8.4	11/19	8.4	11/19	
11A	MUNICIPAL	ACTIVE	PCE	1.5	02/08	ND	05/20	
			NITRATE (N)	3.3	07/89	1.2	08/19	
			CLO4	ND	08/97	ND	08/19	
			AS	3.9	07/96	2.8	08/18	
			CR6	6.8	05/01	5.4	08/15	
11B	MUNICIPAL	ACTIVE	PCE	17.8	04/90	ND	05/20	VULNERABLE
			TCE	4.0	04/90	ND	05/20	(VOC)
			1,1-DCE	0.2	04/89	ND	11/19	
			C-1,2-DCE	3.0	04/89	ND	11/19	
			NITRATE (N)	4.3	11/18	1.2	11/19	
			CLO4	ND	06/97	ND	11/19	
			AS	4.8	09/94	2.1	11/18	
			CR6	6.1	11/00	2.4	12/15	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
11C	MUNICIPAL	ACTIVE	PCE	4.1	12/91	ND	05/20	VULNERABLE
			TCE	0.6	12/91	ND	08/19	(VOC,AS)
			1,1-DCE	1.1	08/08	ND	08/19	
			C-1,2-DCE	2.5	03/92	ND	05/20	
			NITRATE (N)	2.7	08/06	1.2	08/19	
			CLO4	ND	08/97	ND	08/19	
			AS	7.5	07/96	2.6	08/18	
			CR6	4.8	05/01	1.0	08/15	
11D	MUNICIPAL	ACTIVE	VOCS	ND	05/19	ND	05/19	
			NITRATE (N)	0.4	11/19	0.4	11/19	
			CLO4	ND	05/19	ND	05/19	
B1	MUNICIPAL	INACTIVE	TCE	12.0	04/85	ND	08/06	
			PCE	7.3	05/88	ND	08/06	
			C-1,2-DCE	7.2	12/92	ND	08/06	
			1,1-DCE	2.1	08/89	ND	08/06	
			NITRATE (N)	3.9	02/87	0.8	03/05	
			CLO4	ND	08/97	ND	02/03	
			AS	2.8	07/96	2.3	02/05	
B2	MUNICIPAL	INACTIVE	TCE	17.0	03/80	ND	11/98	
			PCE	15.8	06/80	0.7	11/98	
			CTC	1.7	05/82	ND	11/98	
			1,2-DCA	7.7	07/82	ND	11/98	
			1,1,1-TCA	7.6	07/82	ND	11/98	
			C-1,2-DCE	2.6	08/93	ND	11/98	
			NITRATE (N)	2.0	11/98	2.0	11/98	
			CLO4	ND	11/98	ND	11/98	
B4B	MUNICIPAL	INACTIVE	TCE	25.2	02/08	25.2	02/08	
			PCE	43.0	11/07	5.8	02/08	
			CTC	10.0	11/03	6.6	02/08	
			1,2-DCA	1.0	09/07	0.5	02/08	
			1,1-DCE	3.2	11/07	2.3	02/08	
			C-1,2-DCE	4.2	11/07	2.7	02/08	
			NITRATE (N)	3.0	11/07	3.0	11/07	
			CLO4	24.5	04/08	24.5	04/08	
			AS	6.3	08/95	2.0	02/08	
			CR6	4.1	05/01	4.1	05/01	
B4C	MUNICIPAL	INACTIVE	CTC	22.3	02/01	14.0	08/01	
			TCE	15.5	02/01	9.3	08/01	
			PCE	3.4	02/01	2.2	08/01	
			1,1-DCE	2.3	09/01	2.3	09/01	
			C-1,2-DCE	2.4	09/01	2.4	09/01	
			NITRATE (N)	3.2	02/01	3.2	02/01	
			CLO4	6.0	06/00	ND	07/00	
			AS	5.8	08/95	ND	03/99	
			CR6	3.3	05/01	3.3	05/01	
B5A	MUNICIPAL	INACTIVE	PCE	17.5	03/91	ND	11/05	
			TCE	5.2	03/98	ND	11/05	
			1,1-DCE	2.5	03/85	ND	08/05	
			CTC	1.1	12/91	ND	11/05	
			1,1,1-TCA	3.7	03/90	ND	08/05	
			NITRATE (N)	10.4	07/96	5.7	11/05	
			CLO4	14.0	06/97	4.0	08/05	
			AS	2.8	07/96	2.0	08/05	
			CR6	6.4	11/00	6.2	05/01	
B5B	MUNICIPAL	ACTIVE	TCE	5.8	02/97	3.0	05/20	VULNERABLE
			PCE	6.5	08/18	2.6	05/20	(VOC,NO3(N),CLO4)
			CTC	2.3	02/85	ND	05/20	
			1,1-DCE	1.1	11/19	0.7	05/20	
			1,2-DCA	0.6	09/07	ND	05/20	
			NITRATE (N)	12.7	12/12	9.7	05/20	
			CLO4	12.0	06/97	6.2	05/20	
			AS	2.4	08/16	2.2	08/19	
			CR6	7.1	08/16	6.6	08/19	
B5C	MUNICIPAL	INACTIVE	VOCS	ND	05/89	ND	08/07	
			NITRATE (N)	0.9	05/07	0.9	05/07	
			CLO4	ND	06/97	ND	03/08	
			AS	5.8	08/95	2.0	08/07	
			CR6	5.8	05/01	5.8	05/01	
B5D	MUNICIPAL	ACTIVE	CTC	1.2	11/15	1.0	05/20	VULNERABLE

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			NITRATE (N)	7.4	08/18	0.7	08/19	(VOC,NO3(N))
			CLO4	ND	12/97	ND	08/19	
			AS	2.4	09/10	2.4	08/19	
			CR6	4.6	05/01	3.1	08/19	
B5E	MUNICIPAL	ACTIVE	TCE	27.0	11/19	21.0	05/20	VULNERABLE
			PCE	4.8	05/20	4.8	05/20	(VOC,NO3(N),CLO4)
			CTC	5.2	05/07	2.2	05/20	
			1,2-DCA	1.4	11/19	1.2	05/20	
			1,1-DCE	1.6	11/19	1.3	05/20	
			C-1,2-DCE	1.6	10/16	1.2	05/20	
			NITRATE (N)	5.9	08/15	4.8	05/20	
			CLO4	22.0	05/20	22.0	05/20	
			AS	3.0	08/07	2.7	08/19	
			CR6	7.0	02/09	6.7	08/19	
B6B	MUNICIPAL	DESTROYED	TCE	111.0	02/85	35.8	09/92	
			PCE	6.4	10/81	4.3	09/92	
			CTC	17.0	02/85	5.0	09/92	
			1,1-DCE	1.1	04/85	0.5	09/92	
			1,1-DCA	0.6	09/92	0.6	09/92	
			1,2-DCA	8.3	09/92	8.3	09/92	
			NITRATE (N)	19.3	02/91	12.9	09/92	
			CLO4	NA	NA	NA	NA	
B6C	MUNICIPAL	INACTIVE	TCE	84.0	03/88	1.3	08/16	VULNERABLE
			PCE	12.0	11/81	ND	08/16	(VOC,NO3(N),CLO4)
			CTC	13.0	02/85	ND	08/16	
			1,2-DCA	9.0	05/88	ND	08/16	
			1,1-DCE	1.5	06/94	ND	08/16	
			C-1,2-DCE	6.2	04/88	ND	08/16	
			NITRATE (N)	22.0	08/16	22.0	08/16	
			CLO4	370.0	11/05	18.0	08/16	
			AS	3.7	07/96	2.2	08/14	
			CR6	3.9	03/10	2.3	10/14	
B6D	MUNICIPAL	INACTIVE	TCE	140.0	05/11	45.0	05/17	VULNERABLE
			PCE	7.1	05/09	2.3	05/17	(VOC,NO3(N),CLO4)
			CTC	14.0	05/11	4.9	05/17	
			1,1-DCA	1.1	05/09	ND	05/17	
			1,2-DCA	3.7	05/11	1.1	05/17	
			1,1-DCE	1.0	08/08	ND	05/17	
			C-1,2-DCE	2.8	05/09	0.9	05/17	
			NITRATE (N)	6.6	05/15	5.5	08/17	
			CLO4	390.0	11/05	23.0	05/17	
			AS	3.1	07/96	2.4	08/17	
			CR6	2.9	10/14	2.6	08/17	
B7B	MUNICIPAL	DESTROYED	TCE	2.4	03/85	2.4	03/85	
			PCE	1.4	03/85	1.2	03/85	
			NITRATE (N)	2.8	08/87	2.8	08/87	
			CLO4	NA	NA	NA	NA	
B7C	MUNICIPAL	DESTROYED	TCE	15.0	11/10	4.8	11/14	
			PCE	35.0	03/03	15.0	11/14	
			1,1-DCE	6.7	12/89	2.9	11/14	
			C-1,2-DCE	4.7	12/93	0.9	11/14	
			CTC	0.6	02/89	ND	08/14	
			NITRATE (N)	6.4	08/92	3.4	08/14	
			CLO4	ND	06/97	ND	08/14	
			AS	2.0	08/05	ND	08/14	
			CR6	5.0	05/01	3.5	05/11	
B7D	MUNICIPAL	DESTROYED	PCE	5.3	07/87	3.5	09/87	
			TCE	3.9	07/87	3.3	09/87	
			1,1-DCE	5.3	05/87	5.0	09/87	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
B7E	MUNICIPAL	ACTIVE	PCE	1.1	08/15	ND	05/20	
			NITRATE (N)	3.6	11/08	0.7	05/20	
			CLO4	ND	06/97	ND	08/19	
			AS	4.6	03/97	2.9	05/18	
			CR6	4.6	05/18	4.6	05/18	
B8	MUNICIPAL	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
B9	MUNICIPAL	INACTIVE	TCE	37.0	02/85	34.7	01/87	
			PCE	4.9	01/87	4.9	01/87	
			CTC	8.3	01/87	8.3	01/87	
			NITRATE (N)	19.1	02/86	15.4	02/87	
			CLO4	NA	NA	NA	NA	
B9B	MUNICIPAL	ACTIVE	VOCS	ND	06/87	ND	08/19	
			NITRATE (N)	3.4	08/19	3.4	08/19	
			CLO4	1.2	03/08	ND	08/18	
			AS	3.5	08/95	ND	08/19	
			CR6	9.8	05/01	8.3	08/19	
B11A	MUNICIPAL	DESTROYED	TCE	9.8	08/01	5.8	08/04	
			PCE	21.7	05/92	8.5	08/04	
			1,1-DCE	14.0	08/01	2.8	08/04	
			CTC	0.9	01/88	ND	08/04	
			C-1,2-DCE	1.5	08/01	0.6	09/04	
			1,1-DCA	1.0	08/01	ND	08/04	
			NITRATE (N)	8.5	03/00	8.2	08/04	
			CLO4	8.0	12/97	ND	08/04	
			AS	2.7	07/96	ND	09/02	
			CR6	10.0	06/01	10.0	06/01	
B11B	MUNICIPAL	ACTIVE	TCE	33.0	11/14	9.5	02/20	VULNERABLE
			PCE	34.5	06/92	12.0	02/20	(VOC,NO3(N),CLO4)
			CTC	0.8	08/16	ND	02/20	
			1,1-DCE	64.0	11/14	19.0	02/20	
			1,1-DCA	4.7	11/14	1.1	02/20	
			1,1,1-TCA	2.9	10/88	ND	08/19	
			C-1,2-DCE	5.1	11/14	1.8	02/20	
			NITRATE (N)	10.4	11/14	4.6	02/20	
			CLO4	7.0	06/00	ND	02/20	
			AS	2.2	07/96	ND	08/14	
			CR6	10.3	05/01	9.7	08/17	
B24A	MUNICIPAL	ACTIVE	PCE	0.5	02/19	ND	02/20	
			NITRATE (N)	2.9	02/15	0.9	02/20	
			CLO4	ND	01/07	ND	08/19	
			AS	2.4	02/16	2.1	02/19	
			CR6	1.2	08/13	ND	02/19	
B24B	MUNICIPAL	ACTIVE	PCE	9.2	08/18	1.3	08/19	VULNERABLE
			TCE	0.7	05/07	0.7	02/19	(VOC)
			NITRATE (N)	3.4	02/14	1.5	02/19	
			CLO4	ND	01/07	ND	08/19	
			AS	2.8	02/16	2.0	02/19	
			CR6	3.3	08/13	1.1	02/19	
B25A (SA3-1S)	MUNICIPAL	ACTIVE	TCE	110.0	11/19	71.0	05/20	VULNERABLE
			PCE	37.0	11/19	37.0	05/20	(VOC,NO3(N),CLO4)
			CTC	5.9	10/07	2.4	05/20	
			1,1-DCA	0.8	05/20	0.8	05/20	
			1,2-DCA	2.0	11/19	1.6	05/20	
			1,1-DCE	8.7	11/19	5.6	05/20	
			C-1,2-DCE	6.3	08/07	5.9	05/20	
			NITRATE (N)	17.6	05/09	11.0	05/20	
			CLO4	55.0	05/19	55.0	05/20	
			AS	3.2	03/10	2.1	05/19	
			CR6	3.3	05/19	3.3	05/19	
B25B (SA3-1D)	MUNICIPAL	ACTIVE	TCE	43.0	11/15	31.0	05/20	VULNERABLE
			PCE	13.0	08/16	5.1	05/20	(VOC,NO3(N),CLO4)
			CTC	10.0	09/04	3.5	05/20	
			1,1-DCA	1.2	10/07	ND	05/20	
			1,2-DCA	0.7	05/17	0.7	05/20	
			1,1-DCE	4.8	08/14	1.1	05/20	
			C-1,2-DCE	3.1	08/16	1.4	05/20	
			NITRATE (N)	6.1	05/09	2.0	05/20	
			CLO4	26.0	11/18	26.0	05/20	
			AS	3.0	03/06	2.5	05/19	
			CR6	2.4	08/06	2.4	05/19	
B26A (SA3-2S)	MUNICIPAL	ACTIVE	TCE	57.0	05/09	19.0	05/20	VULNERABLE
			PCE	6.8	12/10	1.9	05/20	(VOC,NO3(N),CLO4)
			CTC	5.4	12/10	0.8	05/20	
			1,1-DCA	0.8	05/09	ND	05/20	
			1,2-DCA	4.3	11/04	1.0	05/20	
			1,1-DCE	2.0	12/10	ND	05/20	
			C-1,2-DCE	3.3	05/06	0.7	05/20	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			NITRATE (N)	16.0	05/17	15.0	05/20	
			CLO4	87.0	07/06	31.0	05/20	
			AS	3.0	03/06	2.1	02/15	
			CR6	4.3	02/18	4.3	02/18	
B26B (SA3-2D)	MUNICIPAL	ACTIVE	TCE	140.0	11/19	61.0	05/20	VULNERABLE (VOC,CLO4)
			PCE	3.4	11/19	3.4	05/20	
			CTC	17.0	08/16	9.7	05/20	
			1,2-DCA	3.7	11/19	3.1	05/20	
			1,1-DCE	0.6	08/16	0.5	05/20	
			C-1,2-DCE	1.8	08/16	1.7	05/20	
			NITRATE (N)	3.9	05/20	3.9	05/20	
			CLO4	70.0	05/20	70.0	05/20	
			AS	2.9	11/04	2.2	02/18	
			CR6	3.7	02/06	3.5	02/18	
EW4-5	MUNICIPAL	ACTIVE	PCE	29.0	10/06	22.0	12/11	VULNERABLE (VOC)
			TCE	4.1	10/06	1.6	12/11	
			NITRATE (N)	3.6	12/05	2.9	11/11	
			CLO4	ND	12/05	ND	11/11	
			AS	1.1	08/09	1.1	08/09	
EW4-6	MUNICIPAL	ACTIVE	PCE	8.1	06/06	4.7	12/11	
			TCE	1.1	10/06	0.7	12/11	
			NITRATE (N)	3.4	11/06	3.4	11/11	
			CLO4	ND	05/06	ND	11/11	
			AS	1.0	08/09	1.0	08/09	
EW4-7	MUNICIPAL	ACTIVE	PCE	8.2	01/06	2.0	12/11	
			TCE	1.8	02/06	ND	12/11	
			NITRATE (N)	4.1	01/06	2.9	11/11	
			CLO4	ND	12/05	ND	11/11	
			AS	1.8	08/09	1.8	08/09	
G4A	MUNICIPAL	ACTIVE	PCE	11.0	05/20	11.0	05/20	VULNERABLE (NO3(N),VOC)
			TCE	1.8	11/18	0.8	05/20	
			NITRATE (N)	6.3	05/14	4.9	05/20	
			CLO4	1.0	03/08	ND	02/20	
			AS	0.5	07/96	ND	11/18	
			CR6	4.4	11/00	3.7	11/15	
SIERRA LA VERNE COUNTRY CLUB								
01	IRRIGATION	INACTIVE	VOCS	ND	08/96	ND	10/07	
			NITRATE (N)	2.4	05/99	ND	10/07	
			CLO4	ND	03/98	ND	03/98	
02	IRRIGATION	INACTIVE	VOCS	ND	10/08	ND	10/10	
			NITRATE (N)	3.9	08/96	ND	10/10	
			CLO4	28.0	03/98	ND	04/98	
SLOAN RANCHES								
01	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
02	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
SONOCO PRODUCTS COMPANY								
01	INDUSTRIAL	INACTIVE	TCE	28.6	12/99	1,9	10/17	
			PCE	8.5	12/99	3.4	10/17	
			1,1-DCE	113.0	12/99	4.3	10/17	
			1,1,1-TCA	71.8	12/99	ND	10/17	
			CTC	1.2	07/96	ND	10/17	
			NITRATE (N)	16.4	12/05	14.0	10/17	
			CLO4	ND	06/98	ND	07/04	
02	INDUSTRIAL	ACTIVE	TCE	16.0	10/03	3.3	11/19	
			PCE	1.8	10/03	1.5	11/19	
			1,1-DCE	5.9	02/98	3.7	11/19	
			1,1,1-TCA	2.0	11/87	ND	11/19	
			CTC	0.9	11/87	ND	11/19	
			NITRATE (N)	16.8	12/05	12.0	11/19	
			CLO4	10.0	02/98	ND	07/04	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
SOUTH COVINA WATER SERVICE								
102W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
SOUTHERN CALIFORNIA EDISON COMPANY								
110RH	NON-POTABLE	ACTIVE	VOCS	ND	08/89	ND	02/07	
			NITRATE (N)	2.0	02/07	2.0	02/07	
			CLO4	ND	11/97	ND	11/97	
			AS	ND	08/98	ND	08/98	
1EB86	NON-POTABLE	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
2EB76	IRRIGATION	DESTROYED	PCE	4.3	09/04	4.1	02/07	
			TCE	1.3	09/04	0.7	02/07	
			NITRATE (N)	11.6	09/98	6.0	02/07	
			CLO4	2.0	11/97	2.0	11/97	
38EIS	NON-POTABLE	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
38W	NON-POTABLE	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
MURAT	IRRIGATION	DESTROYED	PCE	4.1	09/02	0.6	10/08	
			TCE	0.9	09/02	ND	10/08	
			NITRATE (N)	6.1	09/04	3.2	10/08	
			CLO4	ND	04/98	ND	04/98	
			AS	ND	04/98	ND	04/98	
SOUTH PASADENA, CITY OF								
GRAV 2	MUNICIPAL	INACTIVE	PCE	16.0	07/08	5.0	11/16	VULNERABLE
			CTC	0.9	07/08	ND	11/16	(VOC,NO3(N),CLO4)
			NITRATE (N)	13.1	04/87	10.0	11/16	
			CLO4	6.9	02/03	ND	11/16	
			AS	0.7	07/96	ND	08/15	
			CR6	4.0	06/01	2.9	08/15	
WIL 2	MUNICIPAL	INACTIVE	PCE	23.0	01/88	9.1	03/01	
			TCE	4.6	03/00	4.6	03/01	
			NITRATE (N)	19.6	03/00	17.6	02/01	
			CLO4	5.0	07/97	ND	12/99	
			AS	0.6	07/96	ND	08/99	
WIL 3	MUNICIPAL	ACTIVE	PCE	9.5	08/94	1.6	05/20	VULNERABLE
			TCE	1.9	04/13	1.1	05/20	(VOC,NO3(N))
			NITRATE (N)	14.9	01/83	4.8	05/20	
			CLO4	ND	07/97	ND	08/19	
			AS	2.5	06/18	ND	08/19	
			CR6	3.7	08/16	3.3	08/19	
WIL 4	MUNICIPAL	ACTIVE	PCE	8.1	06/00	2.0	05/20	VULNERABLE
			TCE	2.1	05/07	1.3	05/20	(VOC,NO3(N))
			NITRATE (N)	6.8	02/03	6.3	05/20	
			CLO4	ND	07/97	ND	08/19	
			AS	2.0	02/03	ND	05/18	
			CR6	3.9	06/01	1.2	05/18	
SPEEDWAY 605 INC.								
NA	NON-POTABLE	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
STERLING MUTUAL WATER COMPANY								
NEW SO.	MUNICIPAL	ACTIVE	VOCS	ND	06/91	ND	08/19	VULNERABLE
			NITRATE (N)	7.9	02/10	3.7	05/20	(NO3(N))
			CLO4	ND	10/97	ND	08/19	
			AS	2.9	12/00	2.2	08/17	
			CR6	1.0	06/01	ND	08/17	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
NORTH	MUNICIPAL	ACTIVE	VOCS	ND	06/88	ND	08/19	VULNERABLE
			NITRATE (N)	9.8	02/07	4.1	03/20	(NO3(N))
			CLO4	ND	09/97	ND	08/19	
			AS	4.6	08/95	2.5	08/19	
			CR6	1.0	06/01	1.1	08/19	
SOUTH	MUNICIPAL	DESTROYED	VOCS	ND	01/85	ND	06/91	
			NITRATE (N)	5.0	08/18	3.3	05/19	
			CLO4	NA	NA	NA	NA	
			AS	2.6	08/11	2.2	08/17	
SUBURBAN WATER SYSTEMS								
101W-1	MUNICIPAL	DESTROYED	TCE	1.5	07/87	ND	08/89	
			NITRATE (N)	12.2	08/89	12.2	08/89	
			CLO4	NA	NA	NA	NA	
			AS	ND	02/88	ND	08/89	
102W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
102W-2	MUNICIPAL	DESTROYED	TCE	2.0	01/80	ND	06/85	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
103W-1	MUNICIPAL	DESTROYED	TCE	2.5	06/80	ND	07/82	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
105W-1	MUNICIPAL	DESTROYED	PCE	1.4	01/96	1.4	01/96	
			NITRATE (N)	10.4	04/95	10.4	04/95	
			CLO4	NA	NA	NA	NA	
			AS	ND	06/88	ND	06/94	
106W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
111W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	18.6	03/73	18.6	03/73	
			CLO4	NA	NA	NA	NA	
112W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	22.4	07/69	22.4	07/69	
			CLO4	NA	NA	NA	NA	
113W-1	MUNICIPAL	DESTROYED	TCE	0.7	02/80	0.5	03/85	
			NITRATE (N)	19.2	10/85	15.3	02/88	
			CLO4	NA	NA	NA	NA	
114W-1	MUNICIPAL	DESTROYED	TCE	2.9	01/80	ND	07/95	
			PCE	0.5	12/93	ND	07/95	
			NITRATE (N)	10.5	08/91	9.0	04/95	
			CLO4	NA	NA	NA	NA	
			AS	ND	11/88	ND	11/94	
117W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
120W-1	MUNICIPAL	DESTROYED	TCE	0.3	07/82	ND	08/96	
			NITRATE (N)	14.9	07/88	13.7	08/96	
			CLO4	NA	NA	NA	NA	
121W-1	MUNICIPAL	ACTIVE	VOCS	ND	10/02	ND	11/18	VULNERABLE
			NITRATE (N)	6.2	05/20	6.2	05/20	(NO3(N),CLO4)
			CLO4	11.0	02/19	11.0	02/19	
			AS	1.6	02/04	ND	05/20	
			CR6	9.6	02/05	6.4	04/13	
122W-1	MUNICIPAL	DESTROYED	TCE	2.6	08/96	2.6	08/96	
			NITRATE (N)	20.3	05/86	13.7	08/96	
			CLO4	NA	NA	NA	NA	
			AS	3.0	08/79	ND	05/85	
123W-1	MUNICIPAL	DESTROYED	TCE	26.8	04/81	ND	08/96	
			PCE	33.0	04/81	ND	08/96	
			NITRATE (N)	10.6	05/76	0.9	08/96	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			CLO4	NA	NA	NA	NA	
124W-1	MUNICIPAL	DESTROYED	TCE	0.5	06/83	ND	08/89	
			NITRATE (N)	13.6	09/84	12.1	08/89	
			CLO4	NA	NA	NA	NA	
			AS	ND	06/80	ND	08/89	
125W-1	MUNICIPAL	DESTROYED	VOCS	ND	01/80	ND	09/81	
			NITRATE (N)	6.8	05/76	4.7	05/79	
			CLO4	NA	NA	NA	NA	
125W-2	MUNICIPAL	INACTIVE	VOCS	ND	03/83	ND	07/95	
			NITRATE (N)	11.3	08/87	9.2	03/95	
			CLO4	NA	NA	NA	NA	
			AS	ND	05/88	ND	08/94	
126W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	4.1	05/75	4.1	05/75	
			CLO4	NA	NA	NA	NA	
126W-2	MUNICIPAL	INACTIVE	VOCS	ND	03/85	ND	08/00	
			NITRATE (N)	8.8	07/91	7.9	03/01	
			CLO4	4.8	07/97	ND	01/98	
			AS	1.3	07/96	ND	08/00	
131W-1	MUNICIPAL	DESTROYED	TCE	56.0	10/93	56.0	10/93	
			PCE	227.0	04/80	52.0	10/93	
			CTC	2.7	10/93	2.7	10/93	
			1,1-DCE	40.0	10/93	40.0	10/93	
			1,1,1-TCA	5.3	10/93	5.3	10/93	
			NITRATE (N)	14.0	09/81	12.5	10/93	
			CLO4	NA	NA	NA	NA	
133W-1	MUNICIPAL	DESTROYED	TCE	0.5	07/87	ND	08/89	
			CTC	0.5	08/89	0.5	08/89	
			NITRATE (N)	11.1	08/89	10.8	09/89	
			CLO4	NA	NA	NA	NA	
			AS	ND	04/81	ND	08/89	
134W-1	MUNICIPAL	DESTROYED	TCE	56.0	10/93	56.0	10/93	
			PCE	0.1	12/80	ND	10/93	
			1,1-DCE	8.6	10/93	8.6	10/93	
			1,1,1-TCA	13.2	03/83	ND	10/93	
			NITRATE (N)	9.7	06/87	9.2	10/93	
			CLO4	NA	NA	NA	NA	
			AS	ND	03/88	ND	07/89	
135W-1	MUNICIPAL	DESTROYED	TCE	0.8	03/85	0.3	05/85	
			NITRATE (N)	13.3	02/86	10.7	09/86	
			CLO4	NA	NA	NA	NA	
136W-1	MUNICIPAL	DESTROYED	PCE	335.0	03/80	66.0	10/93	
			TCE	53.0	03/80	9.1	10/93	
			CTC	2.4	10/93	2.4	10/93	
			1,1-DCE	15.0	10/93	15.0	10/93	
			NITRATE (N)	10.8	01/77	8.5	10/93	
			CLO4	NA	NA	NA	NA	
			AS	5.0	08/79	5.0	08/79	
139W-1	MUNICIPAL	DESTROYED	TCE	34.8	06/81	ND	01/97	
			PCE	5.0	02/88	ND	01/97	
			CTC	0.8	09/80	ND	07/96	
			NITRATE (N)	22.4	05/94	21.0	07/96	
			CLO4	NA	NA	NA	NA	
			AS	3.6	07/95	2.6	07/96	
139W-2	MUNICIPAL	INACTIVE	TCE	18.7	09/80	ND	05/10	
			PCE	12.1	03/80	ND	05/10	
			CTC	0.8	09/80	ND	05/10	
			NITRATE (N)	23.4	10/08	13.2	05/10	
			CLO4	34.0	10/08	15.0	05/10	
			AS	3.2	07/95	2.6	08/01	
139W-4	MUNICIPAL	STANDBY	TCE	4.7	04/97	ND	11/11	
			NITRATE (N)	12.0	12/15	12.0	12/19	
			CLO4	13.0	12/17	11.0	12/19	
			AS	1.5	07/96	ND	12/14	
			CR6	4.1	11/00	3.5	12/14	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
139W-5	MUNICIPAL	INACTIVE	TCE	19.0	08/01	19.0	08/01	
			PCE	10.8	05/99	0.7	08/01	
			CTC	1.0	08/01	1.0	08/01	
			1,2-DCA	1.0	02/00	ND	08/01	
			NITRATE (N)	8.2	06/01	8.2	10/09	
			CLO4	12.0	09/97	12.0	10/09	
			AS	1.6	07/96	ND	08/01	
139W-6	MUNICIPAL	INACTIVE	TCE	51.2	02/01	ND	05/10	
			PCE	2.8	02/01	ND	05/10	
			CTC	1.9	02/01	ND	05/10	
			1,2-DCA	1.6	02/01	ND	05/10	
			NITRATE (N)	9.7	10/08	8.2	05/10	
			CLO4	35.4	11/00	2.0	05/10	
			AS	2.7	05/96	ND	05/99	
140W-1	MUNICIPAL	DESTROYED	TCE	1.0	01/80	1.0	01/80	
			NITRATE (N)	19.6	04/73	15.4	05/75	
			CLO4	NA	NA	NA	NA	
			AS	ND	01/02	ND	01/02	
140W-3	MUNICIPAL	STANDBY	TCE	13.6	03/80	ND	12/11	VULNERABLE
			PCE	1.0	06/88	ND	12/11	(VOC,NO3(N),CLO4)
			CTC	1.0	09/81	ND	12/11	
			1,1-DCE	1.1	10/09	ND	12/11	
			NITRATE (N)	17.6	03/85	8.8	12/19	
			CLO4	16.0	12/05	6.4	12/19	
			AS	4.0	08/76	2.5	12/14	
			CR6	12.7	06/01	8.7	12/14	
140W-4	MUNICIPAL	INACTIVE	TCE	7.0	01/96	1.5	11/06	
			NITRATE (N)	8.2	10/03	8.2	12/04	
			CLO4	12.6	10/03	11.6	12/04	
			AS	2.4	07/95	ND	12/04	
140W-5	MUNICIPAL	ACTIVE	TCE	21.0	02/91	ND	05/18	VULNERABLE
			PCE	1.0	06/07	ND	05/18	(VOC,NO3(N),CLO4)
			NITRATE (N)	8.1	02/14	7.4	11/18	
			CLO4	15.0	10/12	ND	05/18	
			AS	1.9	07/96	ND	11/18	
			CR6	9.8	02/05	6.8	04/13	
142W-1	MUNICIPAL	DESTROYED	VOCS	ND	02/80	ND	07/82	
			NITRATE (N)	16.7	06/81	16.7	06/81	
			CLO4	NA	NA	NA	NA	
142W-2	MUNICIPAL	ACTIVE	VOCS	ND	03/04	ND	12/18	VULNERABLE
			NITRATE (N)	7.3	02/19	7.3	02/19	(CLO4)
			CLO4	4.2	11/18	3.8	12/18	
			AS	1.6	07/04	ND	08/18	
			CR6	12.0	02/05	6.8	04/13	
147W-1	MUNICIPAL	DESTROYED	TCE	23.0	03/85	23.0	03/85	
			PCE	1.2	03/85	1.2	03/85	
			NITRATE (N)	22.6	03/85	22.6	03/85	
			CLO4	NA	NA	NA	NA	
147W-2	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	12.2	09/74	12.2	09/74	
			CLO4	NA	NA	NA	NA	
147W-3	MUNICIPAL	DESTROYED	TCE	4.1	01/92	2.7	11/16	
			PCE	4.4	04/89	1.9	11/16	
			1,1-DCE	8.9	01/89	3.6	11/16	
			1,1-DCA	4.8	05/89	ND	11/16	
			NITRATE (N)	4.5	09/88	2.0	11/16	
			CLO4	3.0	04/10	ND	11/16	
			AS	1.8	07/04	ND	08/14	
			CR6	13.0	04/05	11.0	11/16	
148W-1	MUNICIPAL	DESTROYED	TCE	0.8	06/80	ND	04/97	
			NITRATE (N)	10.6	02/76	7.9	04/97	
			CLO4	NA	NA	NA	NA	
			AS	26.0	06/78	26.0	06/78	
149W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
150W-1	MUNICIPAL	DESTROYED	TCE	6.0	09/81	ND	08/93	
			NITRATE (N)	12.0	03/86	3.0	08/94	
			CLO4	NA	NA	NA	NA	
			AS	ND	07/89	ND	08/94	
151W-1	MUNICIPAL	DESTROYED	VOCS	ND	01/80	ND	03/98	
			NITRATE (N)	26.2	03/98	26.2	03/98	
			CLO4	21.6	03/98	21.6	03/98	
			AS	7.0	08/79	7.0	08/79	
151W-2	MUNICIPAL	ACTIVE	PCE	0.6	03/19	0.6	03/19	VULNERABLE
			TCE	4.7	12/18	4.7	12/18	(VOC,CLO4)
			NITRATE (N)	2.6	02/19	2.0	02/19	
			CLO4	5.5	01/17	ND	05/18	
			AS	1.4	02/19	ND	02/19	
			CR6	12.0	04/05	8.1	04/13	
152W-1	MUNICIPAL	DESTROYED	TCE	12.8	11/82	8.0	03/85	
			PCE	0.8	11/82	0.3	03/85	
			NITRATE (N)	9.8	05/86	9.8	05/86	
			CLO4	NA	NA	NA	NA	
153W-1	MUNICIPAL	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
154W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	18.3	05/79	18.3	05/79	
			CLO4	NA	NA	NA	NA	
155W-1	MUNICIPAL	INACTIVE	PCE	190.0	11/80	90.0	11/98	
			TCE	50.0	07/81	24.0	11/98	
			CTC	19.0	02/82	ND	11/98	
			1,1-DCE	16.0	03/85	13.0	11/98	
			NITRATE (N)	13.6	11/80	11.2	11/98	
			CLO4	5.4	11/98	5.4	11/98	
			AS	4.0	08/76	ND	03/85	
155W-2	MUNICIPAL	DESTROYED	PCE	190.0	09/93	76.0	11/98	
			TCE	39.0	04/80	22.0	11/98	
			1,1-DCE	21.0	09/93	11.0	11/98	
			1,1-DCA	3.0	09/93	1.4	11/98	
			C-1,2-DCE	16.0	03/85	1.8	11/98	
			NITRATE (N)	11.1	11/98	11.1	11/98	
			CLO4	4.3	11/98	ND	11/98	
157W-1	MUNICIPAL	DESTROYED	TCE	12.2	02/80	ND	03/85	
			NITRATE (N)	13.1	02/86	13.1	02/86	
			CLO4	NA	NA	NA	NA	
201W-1	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
201W-2	MUNICIPAL	DESTROYED	TCE	6.8	04/89	1.7	08/06	
			PCE	3.9	09/88	1.4	08/06	
			1,1-DCE	3.2	08/89	ND	08/06	
			C-1,2-DCE	6.1	02/91	4.3	08/06	
			NITRATE (N)	1.5	08/94	1.4	08/06	
			CLO4	ND	08/97	ND	09/03	
			AS	8.5	08/97	3.0	08/06	
201W-3	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
201W-4	MUNICIPAL	INACTIVE	TCE	6.4	09/89	ND	06/14	
			PCE	4.1	09/88	ND	06/14	
			1,1-DCE	2.0	07/88	ND	06/14	
			C-1,2-DCE	5.2	05/97	ND	06/14	
			NITRATE (N)	4.7	11/14	4.7	11/14	
			CLO4	ND	06/97	ND	07/14	
			AS	4.0	08/97	ND	06/14	
			CR6	1.9	05/01	ND	11/14	
201W-5	MUNICIPAL	DESTROYED	TCE	6.4	09/89	ND	03/08	
			PCE	3.8	09/89	ND	03/08	
			1,1-DCE	2.9	09/88	ND	03/08	
			C-1,2-DCE	4.9	08/88	ND	03/08	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			NITRATE (N)	2.7	08/94	2.7	08/07	
			CLO4	ND	06/97	ND	06/03	
			AS	8.9	09/89	4.0	09/05	
201W-6	MUNICIPAL	DESTROYED	TCE	3.9	05/88	ND	09/05	
			PCE	3.3	05/88	ND	09/05	
			1,1-DCE	3.2	09/88	ND	09/05	
			C-1,2-DCE	8.7	05/88	ND	09/05	
			NITRATE (N)	4.5	06/85	1.7	05/05	
			CLO4	ND	06/97	ND	06/03	
			AS	9.2	08/95	2.0	09/04	
201W-7	MUNICIPAL	ACTIVE	PCE	0.7	05/19	ND	05/20	
			C-1,2-DCE	0.9	08/08	ND	05/20	
			NITRATE (N)	3.3	08/16	2.5	08/19	
			CLO4	ND	08/08	ND	08/19	
			AS	2.0	08/08	ND	08/14	
			CR6	0.8	04/13	0.8	04/13	
201W-8	MUNICIPAL	ACTIVE	TCE	0.5	05/07	ND	05/20	
			C-1,2-DCE	1.1	05/07	ND	05/20	
			NITRATE (N)	3.6	08/16	2.9	08/19	
			CLO4	2.1	07/06	ND	08/19	
			AS	2.7	08/09	ND	08/18	
			CR6	1.1	05/07	0.9	04/13	
201W-9	MUNICIPAL	ACTIVE	PCE	1.2	11/19	0.9	05/20	
			NITRATE (N)	5.0	02/19	3.2	05/20	
			CLO4	ND	03/08	ND	08/19	
			AS	1.5	05/07	ND	02/20	
			CR6	0.6	04/13	0.6	04/13	
201W-10	MUNICIPAL	ACTIVE	TCE	1.4	09/07	ND	05/20	
			PCE	1.3	09/07	ND	05/20	
			C-1,2-DCE	3.0	09/07	ND	05/20	
			NITRATE (N)	1.8	05/17	0.7	05/20	
			CLO4	ND	09/07	ND	05/19	
			AS	2.1	09/07	ND	05/18	
			CR6	0.3	09/07	ND	05/18	
202W-1	MUNICIPAL	DESTROYED	TCE	4.3	09/81	ND	01/89	
			PCE	15.0	10/88	12.1	01/89	
			NITRATE (N)	5.4	07/87	5.2	10/88	
			CLO4	NA	NA	NA	NA	
			AS	ND	09/88	ND	09/88	
SUNNY SLOPE WATER COMPANY								
08	MUNICIPAL	ACTIVE	VOCS	ND	01/87	ND	09/19	VULNERABLE
			NITRATE (N)	6.1	08/16	3.1	05/19	(NO3(N))
			CLO4	ND	07/97	ND	09/19	
			AS	ND	09/89	ND	09/17	
			CR6	7.1	12/00	5.4	09/17	
09	MUNICIPAL	ACTIVE	VOCS	ND	01/85	ND	06/19	VULNERABLE
			NITRATE (N)	8.1	06/03	3.3	05/19	(NO3(N))
			CLO4	ND	07/97	ND	09/19	
			AS	3.6	08/96	ND	09/18	
			CR6	7.0	03/17	7.0	03/17	
10	MUNICIPAL	INACTIVE	VOCS	ND	01/85	ND	08/96	
			NITRATE (N)	14.4	12/94	0.5	05/19	
			CLO4	NA	NA	NA	NA	
			AS	0.7	08/96	0.7	08/96	
13	MUNICIPAL	ACTIVE	VOCS	ND	08/96	ND	06/19	
			NITRATE (N)	1.6	09/09	1.3	06/18	
			CLO4	ND	07/97	ND	06/19	
			AS	3.2	06/15	ND	07/18	
			CR6	13.0	03/17	13.0	03/20	
TAYLOR HERB GARDEN								
NA	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
TEXACO INC.								

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
14	INDUSTRIAL	DESTROYED	PCE	40.0	07/01	2.8	09/03	
			TCE	5.0	05/85	ND	09/03	
			1,2-DCA	0.6	01/96	ND	09/03	
			NITRATE (N)	7.5	07/01	1.4	09/03	
			CLO4	ND	09/97	ND	09/97	
THOMPSON, EARL W.								
01	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
TOMOVICH (NICK) & SON								
NA	DOMESTIC	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
TRAN, HIEU								
TRAN	IRRIGATION	ACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
TYLER NURSERY								
NA	IRRIGATION	INACTIVE	TCE	12.9	12/99	1.2	09/04	
			PCE	44.6	12/99	1.2	09/04	
			1,1-DCE	0.6	09/02	ND	09/04	
			1,1-DCA	0.9	09/02	ND	09/04	
			C-1,2-DCE	8.7	09/02	ND	09/04	
			NITRATE (N)	7.0	09/02	ND	09/04	
			CLO4	NA	NA	NA	NA	
UNITED CONCRETE PIPE CORPORATION								
NA	INDUSTRIAL	DESTROYED	VOCS	ND	08/89	ND	10/08	
			NITRATE (N)	1.0	08/89	1.0	08/89	
			CLO4	NA	NA	NA	NA	
UNITED ROCK PRODUCTS CORPORATION								
IRW-1	INDUSTRIAL	ACTIVE	VOCS	ND	08/89	ND	12/19	
			NITRATE (N)	1.4	07/96	1.3	12/19	
			CLO4	ND	02/98	ND	02/98	
			AS	ND	04/98	ND	04/98	
IRW-2	INDUSTRIAL	ACTIVE	VOCS	ND	07/96	ND	12/19	
			NITRATE (N)	1.3	12/19	1.3	12/19	
			CLO4	ND	02/98	ND	02/98	
SIERRA	INDUSTRIAL	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
VALENCIA HEIGHTS WATER COMPANY								
01	MUNICIPAL	INACTIVE	VOCS	ND	06/89	ND	07/09	
			NITRATE (N)	10.5	04/99	7.4	07/07	
			CLO4	8.5	08/00	ND	07/09	
			AS	0.7	08/96	ND	07/07	
02	MUNICIPAL	INACTIVE	TCE	0.2	01/80	ND	07/08	
			NITRATE (N)	12.1	07/97	6.1	07/06	
			CLO4	8.0	10/98	4.2	07/08	
			AS	0.9	08/96	ND	07/06	
03A	MUNICIPAL	INACTIVE	VOCS	ND	03/85	ND	03/92	
			NITRATE (N)	7.9	09/89	2.7	08/92	
			CLO4	NA	NA	NA	NA	
04	MUNICIPAL	INACTIVE	PCE	1.0	09/99	ND	09/01	
			NITRATE (N)	20.3	11/97	17.6	03/02	
			CLO4	32.6	11/00	28.0	03/02	
			AS	2.2	07/00	ND	08/00	
			CR6	5.0	11/00	5.0	11/00	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
05	MUNICIPAL	ACTIVE	VOCS	ND	06/90	ND	04/20	VULNERABLE
			NITRATE (N)	9.5	08/12	6.9	09/18	(NO3(N),CLO4)
			CLO4	7.2	11/00	ND	04/20	
			AS	0.9	08/96	ND	09/18	
			CR6	1.7	08/13	1.3	01/17	
06	MUNICIPAL	ACTIVE	VOCS	ND	12/02	ND	07/19	VULNERABLE
			NITRATE (N)	11.1	06/04	11.0	05/19	(NO3(N),CLO4)
			CLO4	8.9	01/07	6.8	04/20	
			AS	ND	12/02	ND	10/17	
			CR6	8.0	12/02	3.4	10/17	
07	MUNICIPAL	ACTIVE	VOCS	ND	05/08	ND	07/19	VULNERABLE
			NITRATE (N)	9.8	10/18	8.0	05/19	(NO3(N),CLO4)
			CLO4	5.4	10/12	ND	04/20	
			AS	ND	12/09	ND	10/18	
			CR6	1.2	08/13	1.2	08/13	
VALLEY COUNTY WATER DISTRICT								
ARROW	MUNICIPAL	INACTIVE	TCE	700.0	07/82	600.0	12/96	
			PCE	980.0	12/96	980.0	12/96	
			1,1-DCE	64.0	12/96	64.0	12/96	
			C-1,2-DCE	59.0	12/96	59.0	12/96	
			CTC	14.5	09/92	8.0	12/96	
			1,2-DCA	9.0	02/92	7.3	12/96	
			1,1,1-TCA	45.0	12/96	45.0	12/96	
			1,1-DCA	2.9	02/95	2.7	12/96	
			NITRATE (N)	6.0	08/96	6.0	08/96	
			CLO4	NA	NA	NA	NA	
			AS	1.5	08/96	1.5	08/96	
B DALTON	MUNICIPAL	INACTIVE	TCE	137.0	04/85	ND	05/11	
			PCE	8.0	04/85	ND	05/11	
			1,1-DCA	0.9	05/96	ND	05/11	
			C-1,2-DCE	2.0	11/95	ND	05/11	
			CTC	9.9	04/85	ND	05/11	
			1,2-DCA	11.0	12/98	ND	05/11	
			NITRATE (N)	16.3	10/09	16.3	05/11	
			CLO4	99.1	12/98	11.0	05/11	
			AS	5.0	11/95	2.7	09/07	
E NIXON (E JOAN)	MUNICIPAL	ACTIVE	TCE	7.0	11/08	ND	05/20	VULNERABLE
			PCE	11.0	10/04	ND	05/20	(VOC)
			1,1-DCE	1.3	10/04	ND	05/20	
			C-1,2-DCE	1.7	10/04	ND	05/20	
			NITRATE (N)	3.1	02/05	0.8	05/20	
			CLO4	ND	05/97	ND	07/19	
			AS	3.0	08/06	2.1	07/19	
			CR6	1.0	05/01	ND	07/19	
E MAINE	MUNICIPAL	ACTIVE	TCE	36.0	10/04	ND	05/20	VULNERABLE
			PCE	110.0	10/04	ND	05/20	(VOC,CLO4)
			1,1-DCE	10.1	02/91	ND	05/20	
			1,2-DCA	1.4	10/04	ND	05/20	
			1,1,1-TCA	9.1	02/91	ND	05/20	
			C-1,2-DCE	13.0	06/03	ND	05/20	
			NITRATE (N)	4.7	02/11	0.9	05/20	
			CLO4	7.8	10/04	ND	07/19	
			AS	4.4	08/89	2.0	08/17	
			CR6	1.0	05/01	ND	08/17	
LANTE (SA1-3)	MUNICIPAL	ACTIVE	TCE	1315.0	04/98	56.0	09/19	VULNERABLE
			PCE	1200.0	11/96	130.0	09/19	(VOC,NO3(N),CLO4)
			1,1-DCE	110.0	11/96	0.9	09/19	
			C-1,2-DCE	90.0	11/96	2.8	09/19	
			T-1,2-DCE	110.0	04/85	ND	09/19	
			1,1-DCA	18.0	08/04	ND	09/19	
			1,2-DCA	12.5	01/92	ND	09/19	
			CTC	17.6	01/92	ND	09/19	
			1,1,1-TCA	170.0	04/85	ND	09/19	
			NITRATE (N)	11.0	11/18	5.1	02/20	
			CLO4	94.0	04/98	7.5	05/17	
			AS	2.4	01/05	ND	05/18	
			CR6	18.0	01/05	<2	05/18	
MORADA	MUNICIPAL	INACTIVE	TCE	770.0	03/80	ND	05/11	
			PCE	100.0	02/85	2.2	05/11	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
			CTC	29.0	04/84	ND	05/11	
			1,1-DCE	2.5	04/88	ND	05/11	
			1,1-DCA	8.5	02/85	ND	05/11	
			1,2-DCA	0.7	04/88	ND	05/11	
			C-1,2-DCE	8.1	08/95	ND	05/11	
			NITRATE (N)	25.0	11/90	19.3	05/11	
			CLO4	21.0	02/04	11.0	05/11	
			AS	3.6	08/95	3.6	08/95	
PADDY LN	MUNICIPAL	INACTIVE	TCE	166.0	04/94	29.0	05/11	
			PCE	42.0	11/93	3.5	05/11	
			CTC	15.0	12/87	1.0	05/11	
			1,1-DCE	17.2	11/93	1.6	05/11	
			C-1,2-DCE	23.8	11/93	1.9	05/11	
			1,2-DCA	6.6	02/04	2.6	05/11	
			NITRATE (N)	14.2	05/10	8.9	05/11	
			CLO4	154.0	02/98	38.0	05/11	
			AS	ND	06/80	ND	11/94	
PALM	MUNICIPAL	INACTIVE	CTC	48.0	07/82	0.8	02/04	
			TCE	56.0	02/04	56.0	02/04	
			PCE	51.0	02/04	51.0	02/04	
			C-1,2-DCE	7.1	02/04	7.1	02/04	
			1,1,1-TCA	1.8	02/04	1.8	02/04	
			NITRATE (N)	2.5	12/94	2.3	02/04	
			CLO4	5.6	02/04	5.6	02/04	
			AS	ND	10/87	ND	11/92	
W NIXON (W JOAN)	MUNICIPAL	ACTIVE	TCE	4.0	11/04	ND	05/20	VULNERABLE (VOC)
			PCE	8.0	11/04	ND	05/20	
			NITRATE (N)	1.9	08/13	1.2	05/20	
			CLO4	ND	05/97	ND	07/19	
			AS	3.1	08/95	2.0	07/19	
			CR6	1.0	05/01	ND	07/19	
W MAINE	MUNICIPAL	ACTIVE	TCE	47.3	02/91	ND	05/20	VULNERABLE (VOC,CLO4)
			PCE	70.0	02/03	ND	05/20	
			1,1-DCE	14.2	02/91	ND	05/20	
			1,2-DCA	0.8	08/04	ND	05/20	
			1,1,1-TCA	10.6	02/91	ND	05/20	
			C-1,2-DCE	9.0	02/03	ND	05/20	
			NITRATE (N)	4.7	05/90	0.7	05/20	
			CLO4	6.3	10/04	ND	07/19	
			AS	2.6	07/96	2.0	08/17	
			CR6	1.0	05/01	ND	08/17	
SA1-1	MUNICIPAL	ACTIVE	TCE	34.0	07/05	4.2	09/19	VULNERABLE (VOC,CLO4,NO3(N))
			PCE	47.0	04/07	3.2	09/19	
			1,1-DCA	11.0	07/05	ND	09/19	
			1,1-DCE	110.0	07/05	3.4	09/19	
			1,2-DCA	1.0	07/05	ND	09/19	
			C-1,2-DCE	4.1	07/05	ND	09/19	
			1,1,1-TCA	6.0	05/06	ND	09/19	
			FREON 11	5.8	02/12	ND	09/19	
			NITRATE (N)	21.0	05/18	14.0	02/20	
			CLO4	17.0	01/05	6.0	05/17	
			AS	1.3	06/03	ND	05/18	
			CR6	2.4	03/06	1.7	05/18	
SA1-2	MUNICIPAL	INACTIVE	TCE	25.0	04/06	2.0	12/09	
			PCE	37.0	05/06	4.8	12/09	
			1,1-DCA	8.7	07/05	ND	12/09	
			1,1-DCE	62.0	04/06	1.2	12/09	
			1,2-DCA	1.0	07/05	ND	12/09	
			C-1,2-DCE	6.2	07/05	ND	12/09	
			1,1,1-TCA	2.2	05/06	ND	12/09	
			NITRATE (N)	16.3	03/05	16.3	05/12	
			CLO4	15.0	03/05	11.0	12/09	
			AS	2.0	03/06	ND	02/09	
			CR6	2.6	03/06	2.0	09/07	
VALLEY VIEW MUTUAL WATER COMPANY								
01	MUNICIPAL	INACTIVE	VOCS	ND	06/89	ND	09/10	
			NITRATE (N)	1.4	09/09	1.3	09/10	
			CLO4	ND	08/97	ND	09/10	
			AS	3.0	09/07	ND	09/10	
			CR6	1.0	11/00	1.0	05/01	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
02	MUNICIPAL	ACTIVE	PCE	2.1	09/16	ND	03/20	
			TCE	0.7	09/16	ND	03/20	
			NITRATE (N)	1.8	09/15	1.2	09/19	
			CLO4	ND	08/97	ND	09/19	
			AS	2.0	09/96	ND	09/19	
			CR6	2.5	05/01	ND	09/19	
03	MUNICIPAL	INACTIVE	TCE	1.3	01/80	ND	03/98	
			NITRATE (N)	6.1	03/98	6.1	03/98	
			CLO4	18.6	03/98	18.6	03/98	
VIA TRUST								
01	NON-POTABLE	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
VULCAN MATERIALS COMPANY (CALMAT COMPANY)								
DUR E	INDUSTRIAL	DESTROYED	TCE	32.0	11/04	ND	10/10	
			PCE	27.0	11/04	0.9	10/10	
			1,1-DCE	5.3	11/04	ND	10/10	
			C-1,2-DCE	2.8	11/04	ND	10/10	
			1,1,1-TCA	0.7	11/04	ND	10/10	
			NITRATE (N)	3.7	10/04	1.6	10/10	
			CLO4	ND	04/98	ND	10/08	
			AS	ND	04/98	ND	04/98	
DUR W	INDUSTRIAL	DESTROYED	PCE	0.8	02/07	ND	10/09	
			NITRATE (N)	3.6	07/01	3.2	10/09	
			CLO4	4.0	05/98	4.0	05/98	
			AS	2.9	05/98	2.9	05/98	
REL 1	INDUSTRIAL	ACTIVE	VOCS	ND	05/94	ND	11/19	
			NITRATE (N)	1.5	09/02	ND	11/19	
			CLO4	ND	05/98	ND	05/98	
			AS	4.8	05/94	3.5	07/94	
WADE, RICHARD I.								
NA	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
WEST COVINA VENTURE LIMITED								
NA	NA	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
WHITTIER, CITY OF								
09	MUNICIPAL	DESTROYED	TCE	1.4	04/85	ND	08/89	
			PCE	1.9	10/88	0.6	08/89	
			NITRATE (N)	2.0	08/89	2.0	08/89	
			CLO4	NA	NA	NA	NA	
			AS	ND	07/74	ND	08/89	
10	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA	
			NITRATE (N)	1.5	01/74	1.5	01/74	
			CLO4	NA	NA	NA	NA	
11	MUNICIPAL	DESTROYED	VOCS	ND	06/87	ND	11/90	
			NITRATE (N)	2.3	01/90	2.3	01/90	
			CLO4	NA	NA	NA	NA	
			AS	ND	04/80	ND	08/89	
12	MUNICIPAL	INACTIVE	TCE	1.5	07/88	1.5	07/88	
			PCE	0.7	07/88	0.7	07/88	
			NITRATE (N)	2.3	12/84	1.9	12/85	
			CLO4	NA	NA	NA	NA	
13	MUNICIPAL	ACTIVE	PCE	4.9	11/87	ND	09/19	VULNERABLE
			TCE	1.1	06/87	ND	09/19	(VOC)
			MTBE	6.4	03/02	ND	09/19	
			NITRATE (N)	3.8	03/11	3.0	03/19	
			CLO4	ND	08/97	ND	03/19	
			AS	4.1	03/02	ND	03/17	
			CR6	1.0	05/01	ND	03/17	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)					REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT		
				VALUE	DATE	VALUE	DATE	
15	MUNICIPAL	ACTIVE	PCE	9.4	03/03	ND	03/20	VULNERABLE
			TCE	0.7	09/04	ND	03/20	(VOC)
			C-1,2-DCE	2.5	12/93	ND	03/20	
			NITRATE (N)	2.9	08/89	1.6	09/19	
			CLO4	ND	08/97	ND	09/19	
			AS	3.5	03/02	ND	09/16	
			CR6	2.2	10/00	ND	09/19	
16	MUNICIPAL	ACTIVE	PCE	3.4	12/02	0.5	03/20	VULNERABLE
			TCE	1.4	01/97	ND	03/20	(VOC)
			C-1,2-DCE	2.5	10/96	ND	03/20	
			NITRATE (N)	3.0	03/16	2.3	03/20	
			CLO4	ND	08/97	ND	09/19	
			AS	5.8	03/02	2.2	03/20	
			CR6	2.5	05/01	ND	03/20	
17	MUNICIPAL	ACTIVE	PCE	12.0	12/02	1.4	03/20	VULNERABLE
			TCE	2.2	05/92	ND	03/20	(VOC)
			C-1,2-DCE	1.2	04/95	ND	03/20	
			NITRATE (N)	2.9	03/03	2.4	03/20	
			CLO4	ND	08/97	ND	09/19	
			AS	3.4	03/02	ND	03/16	
			CR6	1.6	10/00	ND	03/16	
18	MUNICIPAL	ACTIVE	PCE	9.3	12/18	4.8	03/20	VULNERABLE
			TCE	2.4	11/95	ND	03/20	(VOC)
			C-1,2-DCE	0.7	10/96	ND	03/20	
			NITRATE (N)	3.4	03/17	3.1	03/20	
			CLO4	ND	08/97	ND	09/19	
			AS	4.1	03/02	ND	03/18	
			CR6	1.0	10/00	ND	03/18	
WILMOTT, ERMA M.								
01	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
WOODLAND, RICHARD								
01	NON-POTABLE	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
02	NON-POTABLE	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
WORKMAN MILL INVESTMENT COMPANY (ROSE HILLS MEMORIAL PARK)								
04	IRRIGATION	INACTIVE	PCE	5.3	08/87	ND	10/09	
			TCE	11.0	04/85	ND	10/09	
			1,1-DCE	14.0	04/85	ND	10/09	
			1,1,1-TCA	3.3	04/85	ND	10/09	
			NITRATE (N)	11.9	02/07	9.7	10/10	
			CLO4	ND	06/98	ND	06/98	
01	IRRIGATION	INACTIVE	VOCS	NA	NA	NA	NA	
			NITRATE (N)	NA	NA	NA	NA	
			CLO4	NA	NA	NA	NA	
02	IRRIGATION	INACTIVE	PCE	8.6	04/85	ND	10/04	
			TCE	11.0	04/85	ND	10/04	
			NITRATE (N)	20.6	10/04	20.6	10/04	
			CLO4	ND	06/98	ND	06/98	
01	IRRIGATION	INACTIVE	TCE	6.1	04/87	ND	10/10	
			PCE	6.4	11/87	1.1	10/10	
			1,2-DCA	0.8	01/96	ND	10/10	
			1,1-DCE	1.0	04/87	ND	10/10	
			C-1,2-DCE	2.6	05/85	ND	10/10	
			NITRATE (N)	10.2	02/98	7.0	10/10	
			CLO4	ND	02/98	ND	02/98	
			AS	3.0	06/95	2.1	06/96	
03	IRRIGATION	INACTIVE	TCE	21.0	05/85	ND	09/05	
			PCE	7.4	05/85	ND	09/05	
			1,1-DCE	2.7	05/85	ND	09/05	

WELL NAME	USAGE	STATUS	CONCENTRATION (NITRATE IN MG/L, OTHERS IN UG/L)				REMARKS
			CONTAMINANT OF CONCERN	HISTORIC HIGH		MOST RECENT	
				VALUE	DATE	VALUE	DATE
			C-1,2-DCE	28.0	05/85	ND	09/05
			1,1-DCA	1.1	05/85	ND	09/05
			1,1,1-TCA	7.5	05/85	ND	09/05
			NITRATE (N)	10.5	08/00	5.8	09/05
			CLO4	ND	02/98	ND	02/98

NOTES	CONTAMINANT	MAXIMUM CONTAMINANT LEVEL	REPORTING LIMIT	REMARKS	
	1,1-Dichloroethane (1,1-DCA)	5 micrograms per liter (ug/L)	0.5 ug/L	NA	Not Available
	1,1-Dichloroethylene (1,1-DCE)	6 ug/L	0.5 ug/L	ND	Not Detected above Reporting Limit
	1,1,1-Trichloroethane (1,1,1-TCA)	200 ug/L	0.5 ug/L	NL	Notification Level
	1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	1 ug/L	0.5 ug/L	VOCS	Volatile Organic Compounds
	1,2-Dichloroethane (1,2-DCA)	0.5 ug/L	0.5 ug/L		
	Arsenic (AS)	10 ug/L	2.0 ug/L		
	Perchlorate (CLO4)	6 ug/L	4.0 ug/L		
	Carbon Tetrachloride (CTC)	0.5 ug/L	0.5 ug/L		
	Cis-1,2-Dichloroethylene (c-1,2-DCE)	6 ug/L	0.5 ug/L		
	Hexavalent Chromium (CR6)	NA	1.0 ug/L		
	Trichlorofluoromethane (Freon 11)	150 ug/L	5.0 ug/L		
	Trichlorotrifluoroethane (Freon 113)	1200 ug/L	10.0 ug/L		
	Methyl Tert-Butyl Ether (MTBE)	13 ug/L	3.0 ug/L		
	Nitrate as Nitrogen (NITRATE [N])	10 mg/L	0.4 mg/L		
	Tetrachloroethylene (PCE)	5 ug/L	0.5 ug/L		
	Trichloroethylene (TCE)	5 ug/L	0.5 ug/L		
	Trans-1,2-Dichloroethylene (t-1,2-DCE)	10 ug/L	0.5 ug/L		
	Vinyl Chloride (VC)	0.5 ug/L	0.5 ug/L		

APPENDIX D.

POTENTIAL SITES FOR AQUIFER PERFORMANCE TESTS

APPENDIX D

POTENTIAL SITES FOR AQUIFER PERFORMANCE TESTS

NAME	RECORD.	USAGE	STATUS	PERF. (1)	FUNCTION	REMARKS
ALHAMBRA, CITY OF						
LON 1	1902789	MUNICIPAL	ACTIVE	411-800	MONITORING	
LON 2	1900017	MUNICIPAL	ACTIVE	296-563	PUMPING	
AZUSA, CITY OF						
NO. 12	8000179	MUNICIPAL	ACTIVE	206-311	PUMPING	
NO. 11	8000178	MUNICIPAL	ACTIVE	200-320	MONITORING	
CALIFORNIA AMERICAN WATER COMPANY/DUARTE						
B V	1900035	MUNICIPAL	STANDBY	300-580	PUMPING	
B V 2	8000216	MUNICIPAL	ACTIVE	300-700	MONITORING	
CALIFORNIA DOMESTIC WATER COMPANY						
05A	8000100	MUNICIPAL	ACTIVE	?-920	PUMPING	
06	1902967	MUNICIPAL	ACTIVE	200-800	MONITORING	
GLENDORA, CITY OF						
05-E	8000149	MUNICIPAL	ACTIVE	150-400	PUMPING	
NA	1903119	INDUSTRIAL	INACTIVE	?-220	MONITORING	OWL ROCK PRODUCTS WELL
GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN DIMAS DISTRICT						
COL-4	1902268	MUNICIPAL	ACTIVE	122-190	PUMPING	
COL-6	1902270	MUNICIPAL	INACTIVE	?-414	MONITORING	
GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN GABRIEL VALLEY DISTRICT						
FAR 1	1902034	MUNICIPAL	ACTIVE	274-455	PUMPING	
FAR 2	1902948	MUNICIPAL	ACTIVE	229-600	MONITORING	
SG 1	1900510	MUNICIPAL	ACTIVE	190-411	MONITORING	
SG 2	1900511	MUNICIPAL	ACTIVE	209-393	PUMPING	
RURBAN HOMES MUTUAL WATER COMPANY						
NORTH 1	1900120	MUNICIPAL	ACTIVE	140-190	MONITORING	
SOUTH 2	1900121	MUNICIPAL	INACTIVE	125-165	PUMPING	
SAN GABRIEL COUNTY WATER DISTRICT						
05 BRA	1901669	MUNICIPAL	INACTIVE	450-800	MONITORING	
11	8000067	MUNICIPAL	ACTIVE	350-800	PUMPING	
12	8000123	MUNICIPAL	ACTIVE	470-1320	MONITORING	
SAN GABRIEL VALLEY WATER COMPANY						
B24A	8000203	MUNICIPAL	ACTIVE	600-1150	PUMPING	
B24B	8000204	MUNICIPAL	ACTIVE	600-1150	MONITORING	
SUBURBAN WATER SYSTEMS						
201W-9	8000208	MUNICIPAL	ACTIVE	260-650	PUMPING	
201W-7	8000195	MUNICIPAL	ACTIVE	200-650	MONITORING	
201W-8	8000198	MUNICIPAL	ACTIVE	200-650	MONITORING	
201W-10	8000210	MUNICIPAL	ACTIVE	NA	MONITORING	

NAME	RECORD.	USAGE	STATUS	PERF. (1)	FUNCTION	REMARKS
VALLEY COUNTY WATER DISTRICT						
E NIXON (JOANBRIDGE)	1900032	MUNICIPAL	ACTIVE	300-586	MONITORING	ALTERNATE FOR MAINE SITE
W NIXON (JOANBRIDGE)	1902356	MUNICIPAL	ACTIVE	300-584	PUMPING	
E MAINE	1900027	MUNICIPAL	ACTIVE	250-580	PUMPING	ALTERNATE FOR NIXON SITE
W MAINE	1900028	MUNICIPAL	ACTIVE	250-580	MONITORING	
VALLEY VIEW MUTUAL WATER COMPANY						
01	1900363	MUNICIPAL	INACTIVE	300-585	MONITORING	
02	1900364	MUNICIPAL	ACTIVE	300-535	PUMPING	
03	1900365	MUNICIPAL	INACTIVE	100-200	MONITORING	
WORKMAN MILL INVESTMENT COMPANY (ROSE HILLS MEMORIAL PARK)						
01	1900094	IRRIGATION	INACTIVE	137-264	PUMPING	
ROSE HILLS	8000004	MUNICIPAL	INACTIVE	?-200	MONITORING	BEVERLY ACRES MWC

NOTES:

NA: NOT AVAILABLE
RECORD.: RECORDATION NUMBER
PERF.: PERFORATION INTERVAL
(1) TOP OF THE TOP INTERVAL - BOTTOM OF THE BOTTOM INTERVAL (DEPTH BELOW GROUND SURFACE IN FEET)

APPENDIX E.

SUMMARY OF TREATMENT FACILITY ACTIVITY IN THE MAIN SAN GABRIEL BASIN

APPENDIX E:
Summary of History and Activities of Operable Units

BALDWIN PARK OPERABLE UNIT (BPOU)

BPOU Background. The BPOU is a seven-mile-long, one-mile-wide area of groundwater contamination that lies east of the San Gabriel River, stretching from an area north of the I-210 Freeway in Azusa to south of the I-10 Freeway in Baldwin Park (see Figure 11). The contamination primarily has been the result of improper use and disposal of industrial chemicals in the Azusa area, and it continues to spread generally in a southwesterly direction.

BPOU Cleanup Progress. The USEPA originally issued its Record of Decision (ROD), or cleanup plan, for the BPOU in the mid-1990s. The ROD calls for pumping and treating groundwater in the northern area, where contaminant concentrations are highest, and also in the southern area to limit further migration of contaminants. The ROD initially involved pumping and treating an average of about 7,000 gallons per minute (gpm) in the northern area and 16,000 gpm in the southern area. During 2015, the extraction rates were modified and now require pumping and treating an average of about 6,000 gpm in the northern area and 23,750 gpm in the southern area. The ROD also recommends the use of existing water supply wells, treatment systems, and pipelines when feasible. Importantly, the plan encourages adding the treated water to the potable supply, rather than simply recharging it back into the ground or discharging it to storm drains.

In 2002, after several years of negotiation led by Watermaster, eight of the BPOU Responsible Parties (called Cooperating Respondents, or CRs) and seven water entities signed the BPOU Project Agreement. Under this landmark agreement, Watermaster provides overall project management and project coordination services. Under the original agreement, the CRs paid the cost to construct the USEPA-required BPOU cleanup facilities and were required to continue to provide funding to operate the facilities for about 15 years—through 2017. Subsequently, the BPOU Project Agreement was extended an additional ten years, through 2027.

The BPOU Project consists of four centralized treatment facilities with a combined extraction and treatment capacity of up to 33,900 gpm and a target average pumping and treatment rate of 29,750 gpm. Those treatment facilities are located at Valley County Water District's Lante Plant (7,800 gpm), San Gabriel Valley Water Company's Plant B6 (7,800 gpm) and Plant B5 (7,800 gpm), California Domestic Water Company's (CDWC) Bassett Plant (8,000 gpm), and La Puente Valley County Water District's (LPVCWD) site (2,500 gpm).

Valley County Water District (VCWD) Project. In the northerly portion of the BPOU, the VCWD Project consists of two extraction wells with a third well pending DDW review and approval for use. The wells pump up to 7,800 gpm (target average annual pumping rate of 6,000 gpm) to a centralized treatment facility at the VCWD Lante Plant. The VCWD Project consists of separate facilities to treat VOCs, 1,2,3-TCP, perchlorate, NDMA, and 1,4-dioxane. In addition, a treated-water pipeline provides up to 6,000 gpm of fully treated water to Suburban Water Systems (SWS) to offset production lost due to contamination of some of its wells; VCWD can use the remaining portion of the treated water. The VCWD Project began operation for contamination cleanup in 2006 and received its DDW operating permit in July 2007 to provide potable water to customers. Since operation began in 2006, the VCWD treatment facility has treated about 81,000 acre-feet and has removed about 43,900 pounds of contaminants, as shown in the table at the end of this Appendix (E).

VCWD and its BPOU partners are coordinating the reactivation of the existing Arrow Well for treatment at the VCWD Project, which will increase the treated water supply to SWS. Meanwhile, the VCWD treatment facility continues to provide treated water for municipal supplies using the two other existing wells.

La Puente Valley County Water District (LPVCWD) Project. The LPVCWD consists of three existing production wells. Well-pumping capacity is limited to 2,500 gpm to equal the capacity of the treatment facility (target average annual pumping rate of 2,250 gpm). The LPVCWD project consists of separate facilities to treat VOCs, perchlorate, NDMA, and 1,4-dioxane. The LPVCWD project is permitted by DDW and has been operating since March 2001. Treated water in excess of LPVCWD's needs is provided to SWS to enable the treatment facility to operate on a continuous basis. Since operation began, the LPVCWD treatment facility has treated about 79,200 acre-feet (including prior operations with only VOC treatment) and removed about 12,800 pounds of contaminants, as shown in the table at the end of this Appendix (E).

San Gabriel Valley Water Company (SGVWC) B6 Project. The SGVWC B6 project is permitted by DDW and has been operational since July 2005. The B6 project consists of four extraction wells and a centralized treatment facility that treats up to 7,800 gpm (target average annual pumping rate of 6,500 gpm). The facility treats the contaminated groundwater for VOCs, perchlorate, NDMA, 1,4-dioxane, and nitrate. The treated water is provided to SGVWC customers. Since operation began, the SGVWC B6 treatment facility has treated about 151,900 acre-feet (including prior operations with only VOC treatment) and removed about 28,200 pounds of contaminants, as shown in the table at the end of this Appendix (E).

SGVWC B5 Project. The SGVWC B5 Project consists of three wells that provide up to 7,800 gpm (target average annual pumping rate of 7,000 gpm) to a centralized treatment facility located at the SGVWC B5 site. The facility treats the contaminated water for VOCs, perchlorate, NDMA, and 1,4-dioxane. The treated water is provided to City of Industry customers (1,000 gpm) and the balance (6,000 gpm) is provided to SGVWC customers. The SGVWC B5 Project was permitted by DDW in fiscal year 2007–08. Since operation began in 2007, the SGVWC B5 treatment facility has treated about 135,200 acre-feet and has removed about 5,500 pounds of contaminants, as shown in the table at the end of this Appendix (E).

California Domestic Water Company (CDWC) Project. The CDWC Project consists of six existing wells that provide up to 15,000 gpm (target average annual pumping rate of 8,000 gpm) to a centralized treatment facility located at the CDWC Bassett site. The facility treats the contaminated water for VOCs, perchlorate, and NDMA. The treated water is provided to CDWC customers. The CDWC Project was permitted by DDW in 1993. Since operation began in 1993, the CDWC treatment facility has treated about 383,200 acre-feet and has removed about 19,700 pounds of contaminants, as shown in the table at the end of this Appendix (E).

Purveyor Projects. In addition to the USEPA-required BPOU facilities, Watermaster has issued permits under Section 28 of its Rules and Regulations to SWS to construct new wells that also are being used to blend with wells impacted by contaminants. These activities reduce reliance on expensive imported water and contribute to contaminant removal.

BPOU Current and Upcoming Activities. Watermaster regularly reviews water quality data to evaluate the impact the production wells and specially constructed extraction wells have on control of contamination migration. It is difficult to develop a precise picture of the geographic extent of contamination because water quality is obtained from numerous wells that produce water from different depths below the groundwater table. Figure 17 (see Appendix F) shows the approximate extent of VOC contamination from about five years ago and from current data. It also shows the approximate geographic extent of VOC contamination, using engineering judgment, for five years into the future. The 2019–20 plume indicates treatment facilities are controlling plume movement. Watermaster anticipates the area of the VOC plume will continue to decrease, as shown on the 2024–25 plume. Similarly, Figure 18 (see Appendix F) shows the approximate extent of perchlorate. The series of three plume characterizations indicates plume movement is expected to be controlled and, similar to VOCs, continue to decrease in the future (2024–25).

Watermaster, in coordination with BPOU Producers, the CRs, and USEPA, will continue to investigate, test, construct, and permit more efficient treatment facilities that provide the necessary treatment, reliability, and water quality at the lowest possible long-term cost. This includes the use of different granular activated carbons

to remove VOCs, ion-exchange resins to remove perchlorate, and pressurized ultraviolet light vessels to remove NDMA and 1,4-dioxane. Watermaster maintains records on all treatment facilities on a quarterly basis.

Watermaster will continue to coordinate BPOU cleanup activities among the various parties to the BPOU Project Agreement through at least 2027, interfacing with USEPA and overseeing agreements between water purveyors to use the treated water. With all of the BPOU facilities now operational, Watermaster is also coordinating collection of field data, such as water production, water quality, and water levels, and is providing BPOU Project performance reports to USEPA in cooperation with the CRs. The projects will ensure that there is an adequate water supply for the BPOU area. These projects are consistent with the USEPA ROD, meet contaminant removal and containment requirements, and meet local water supply needs.

SOUTH EL MONTE OPERABLE UNIT (SEMOU)

SEMOU Background. The SEMOU covers approximately eight square miles in the south-central portion of the Basin. It is bounded by the I-10 Freeway, the 60 Freeway, the I-605 Freeway, and San Gabriel Boulevard (see Figure 11).

SEMOU Cleanup Progress. A ROD for the SEMOU was issued in 2000, addressing VOC contamination in a limited area. Subsequently, additional water supply wells became contaminated, and new contaminants, including perchlorate, were detected in wells in the SEMOU area.

In November 2005, USEPA revisited its ROD and issued an Explanation of Significant Differences (ESD) indicating that SEMOU cleanup projects would also address treatment of perchlorate. In the meantime, area water purveyors who were impacted by contaminant migration and new perchlorate detections were forced to construct new or additional treatment facilities to maintain safe, reliable water supplies. The City of Monterey Park, SGVWC, and Golden State Water Company (GSWC) have all constructed new or additional treatment facilities within SEMOU. The San Gabriel Basin Water Quality Authority (WQA) has assisted the Producers by securing outside funding to help offset project costs.

Monterey Park Project. Monterey Park constructed a water treatment facility at its Delta Plant to treat VOCs and perchlorate. Monterey Park Well No. 9 (which only had detectable concentrations of VOCs) began operating through the VOC treatment facility in April 2002. Following construction and permitting of the perchlorate treatment facility, Monterey Park Well No. 12 began operation in spring 2005.

Monterey Park began operation of Well No. 15 in summer 2006. Monterey Park Wells No. 12 and No. 15 are operated consistent with the SEMOU ROD. Watermaster and Monterey Park maintain data on water quality in monitoring wells located up-gradient of wells No. 9, 12, and 15. Since the treatment facility began operation, over 90,500 acre-feet of water has been treated and about 15,000 pounds of contaminants removed from the groundwater, as shown in the table at the end of this Appendix (E).

San Gabriel Valley Water Company (SGVWC) Plant 8 Project. SGVWC Plant 8 VOC Treatment Facility has a capacity of 5,000 gpm and has been in operation since fiscal year 2001–02. In response to increasing VOC concentrations, SGVWC voluntarily constructed supplemental VOC treatment at Plant 8. The supplemental VOC treatment facility was permitted by DDW in September 2006 and went online in December 2006. SGVWC plans to construct a 1,4-dioxane treatment facility within the next five years. Since the original VOC treatment facility began operation, over 49,800 acre-feet of water has been treated and about 8,000 pounds of contaminants have been removed from the groundwater, as shown in the table at the end of this Appendix (E).

Golden State Water Company Project. GSWC VOC treatment facility at San Gabriel wells No. 1 and 2 had been permitted and operating but were voluntarily removed from operation after the establishment of the revised Perchlorate NL in 2002. Subsequently, GSWC installed an ion-exchange system to remove perchlorate and has

resumed operation at its San Gabriel Well No. 1. The facility has treated about 24,700 acre-feet of water and removed about 700 pounds of contaminants, as shown in the table at the end of this Appendix (E).

SEMOU Current and Upcoming Activities. USEPA is currently preparing a SEMOU/WNOU Supplemental Feasibility Study which would evaluate remedial alternatives with different goals and will be available late 2020. In addition, USEPA is also preparing an Enhanced Remedial Alternative Study for the SEMOU/WNOU which would evaluate a range of potential remedy enhancements and will be available late 2020.

Over the next five years, Watermaster will continue to review all proposed modifications to the treatment facilities through the Section 28 permitting process. In addition, Watermaster will participate in planning/progress meetings which are held on a quarterly basis. Watermaster maintains records on all treatment facilities on a quarterly basis.

EL MONTE OPERABLE UNIT (EMOU)

EMOU Background. The EMOU covers an area of about 10 square miles in the south-central portion of the Basin. It is bounded by the I-10 Freeway on the south, Rosemead Boulevard on the west, and Santa Anita Avenue and Rio Hondo on the east. The northern boundary generally follows Lower Azusa Road (see Figure 11). While shallow contamination is found throughout the EMOU, deep (intermediate zone) contamination is found in the northwest and eastern area of the EMOU.

EMOU Cleanup Progress. The USEPA's ROD for the EMOU includes numerous small, shallow extraction wells and treatment, along with two areas of deep extraction and treatment. Due to generally poor water quality in the area, the shallow groundwater will not be used for a potable supply. The deep extractions are recommended for potable use by local water purveyors. The remediation efforts are separated into "Westside" and "Eastside" activities.

EMOU Westside Projects. There are plans to clean up contaminants occurring in the shallow aquifer. The shallow-zone water is treated for VOCs, discharged to an adjacent channel, and infiltrated back into the Basin as fully treated water. The treatment facility (Hermetic Seal) has treated about 500 acre-feet and removed about 40 pounds of contaminants, as shown in the table at the end of this Appendix (E). The deep-zone extraction and treatment in the northwest area is being accomplished by the existing Encinitas Wellfield and Treatment Facility owned by GSWC, which began operation during 1998. The GSWC treatment facility has treated about 31,800 acre-feet of water and has removed about 740 pounds of contaminants, as shown in the table at the end of this Appendix (E). During July 2002, USEPA issued an ESD, which indicated that perchlorate, NDMA, 1,4-dioxane, and hexavalent chromium had been detected in excess of DDW notification levels. In the event water from extraction wells cannot be blended to acceptable levels, additional treatment facilities will need to be installed, significantly increasing cleanup costs. Thus far, extraction and treatment of VOCs at GSWC Encinitas Plant have not been impacted.

EMOU Eastside Projects. On the Eastside, the shallow-zone water is treated for VOCs, discharged to an adjacent channel, and infiltrated back into the Basin as fully treated water. The treatment facility (Gould/Johnson Controls) has treated about 160 acre-feet and removed about 30 pounds of contaminants, as shown in the table at the end of this Appendix (E). The deep-zone extraction and treatment in the northwest area is being accomplished by three new extraction wells that began operation during 2015–16. The operation of the treatment facility and use of the treated water were transferred to the City of El Monte in early 2019. The treatment facility has treated about 4,000 acre-feet of water and has removed about 200 pounds of contaminants, as shown in the table at the end of this Appendix (E).

EMOU Current and Upcoming Activities. Over the next five years, Watermaster will continue to review all proposed modifications to the treatment facilities through the Section 28 permitting process. In addition,

Watermaster will participate in planning/progress meetings held on a quarterly basis and will maintain records on all treatment facilities on a quarterly basis.

PUENTE VALLEY OPERABLE UNIT (PVOU)

PVOU Background. The PVOU lies in the southeastern portion of the Basin, essentially bounded by the 60 Freeway on the south, Azusa Avenue on the east, and the I-10 Freeway on the north (see Figure 11). The PVOU encompasses the Puente Valley, which is tributary to the southeasterly portion of the Basin. Contamination in the PVOU includes various VOCs. All aquifers within the PVOU (shallow, intermediate, and deep) are considered sources for municipal water supplies.

PVOU Cleanup Progress. The USEPA issued a ROD for the PVOU. The plan identified in the ROD includes extraction and treatment of groundwater within the shallow and intermediate zones from wells located in the center of the PVOU.

PVOU Shallow-Zone Project. The cleanup plan for shallow-zone contamination includes nine wells that will collectively produce about 1,000 gpm. Due to the poor quality of shallow-zone water (which is high in naturally occurring dissolved solids), the water will not be used as drinking water, but will instead be treated to remove VOCs and then recharged back into the Basin. Watermaster has developed an agreement with the Responsible Party to allow production and discharge of the PVOU shallow-zone water.

PVOU Intermediate Zone. Watermaster is working with USEPA, Responsible Parties, and local water entities to develop a cleanup solution that meets potable water supply needs. Approximately 1,000 gpm will be produced from the intermediate-zone extraction wells, treated, and used for potable purposes by a local water purveyor.

PVOU Current and Upcoming Activities. Over the next five years, it is anticipated that the intermediate-zone extraction wells and treatment facility will be permitted and begin supplying treated water for potable purposes. Watermaster will continue to review all proposed modifications to the treatment facilities through the Section 28 permitting process. In addition, Watermaster will participate in planning/progress meetings, which are held on a quarterly basis. Watermaster maintains records on all treatment facilities on a quarterly basis.

WHITTIER NARROWS OPERABLE UNIT (WNOU)

WNOU Background. The USEPA declared the WNOU a “fund-lead” project, meaning that the USEPA (with the State) has funded the design, construction, and operation of the remedy, and will seek cost recovery from Responsible Parties later. The USEPA cleanup plan involves a series of shallow- and intermediate-zone extraction wells with treatment (see Figure 11).

WNOU Cleanup Progress. As of May 2013, the responsibility for the WNOU was transferred from USEPA to the California Department of Toxic Substances Control (DTSC). Furthermore, the WNOU Shallow-Zone Project (as described below) ceased operation during 2013 due to improved water quality.

WNOU Shallow-Zone Project Ceased Operation in 2012–13. During fiscal year 2002–03, NDMA was detected in some of the shallow extraction wells, prolonging the testing and review process for the shallow-zone water through June 2007. Studies indicated the shallow-zone contamination could be adequately contained at an extraction rate of 2,500 gpm. Treated shallow-zone water has been discharged for conservation and recreational use at Legg Lake, and Watermaster entered into a production agreement with USEPA and the County of Los Angeles regarding the accounting of that water. Since production began at the WNOU facility, over 30,000 acre-feet of groundwater have been treated and over 1,620 pounds of contaminants have been removed. During fiscal year 2012–13 the WNOU’s Shallow-Zone Project ceased operation.

WNOU Intermediate-Zone Project. The City of Whittier obtained a DDW permit to use the 6,000 gpm of treated intermediate-zone water for municipal use instead of producing water from its existing wells. During April 2013,

the City of Whittier ceased taking treated intermediate-zone water. Subsequently, the treated intermediate-zone water production was increased, and the balance delivered to Legg Lake, while DTSC negotiates with a municipal water supplier to accept additional treated intermediate-zone water. Since production began in late 2005, about 60,000 acre-feet of groundwater has been treated and about 1,900 pounds of contaminants removed, as shown in the table at the end of this Appendix (E).

WNOU Current and Upcoming Activities. USEPA is currently preparing a SEMOU/WNOU Supplemental Feasibility Study which would evaluate remedial alternatives with different goals and will be available in late 2020. In addition, USEPA is also preparing an Enhanced Remedial Alternative Study for the SEMOU/WNOU which would evaluate a range of potential remedy enhancements and will be available late 2020.

Over the next five years, it is anticipated that SGVWC will operate the intermediate-zone extraction wells and treatment facility including a blend plan, and will take treated water for potable use in addition to continued deliveries to Legg Lake. This will enable the WNOU treatment facility to produce a greater amount of water and to put all the water to beneficial uses. Watermaster will continue to review all proposed modifications to the treatment facility through the Section 28 permitting process. In addition, Watermaster will participate in planning/progress meetings, which are held on a quarterly basis. Watermaster maintains records on all treatment facilities on a quarterly basis.

AREA 3 OPERABLE UNIT

Area 3 Background. The Area 3 Operable Unit is located in the western portion of the Basin. It is generally bounded on the south by the I-10 Freeway, on the east by Rosemead Boulevard, on the north by Huntington Drive, and on the west by the boundary of the Main Basin (see Figure 11).

Area 3 Cleanup Progress. USEPA has installed a series of monitoring wells to collect water quality data to supplement data collected from water supply wells and has initiated a Remedial Investigation and Feasibility Study to identify the extent of the contamination and to evaluate appropriate cleanup remedies.

Watermaster issued a permit during 2005–06 to the City of Alhambra to construct a treatment facility to remove VOCs from wells No. 7, 8, 11, and 12. The treatment facility became operational in April 2009, prior to USEPA's development of a final remedy, but it is necessary for Alhambra to receive a reliable source of supply from the groundwater Basin. The facility has treated about 28,700 acre-feet and has removed about 1,200 pounds of contaminants, as shown in the table at the end of this Appendix (E).

Area 3 Current and Upcoming Activities. Watermaster will continue to review all proposed modifications to the treatment facility through the Section 28 permitting process. In addition, Watermaster will participate in planning/progress meetings held on a quarterly basis.

Watermaster maintains records on all treatment facilities on a quarterly basis.

APPENDIX E

SUMMARY OF TREATMENT FACILITY ACTIVITY
IN THE MAIN SAN GABRIEL BASIN
AS OF JUNE 30, 2020

Operable Unit			Total Water Treated		Total Contaminants Removed	
Treatment Facilty Owner	Treatment Facility(s)	Start Date 1/	Fiscal Year 2019-20 (Acre-feet)	Accum. Total (Acre-feet)	Fiscal Year 2019-20 (Pounds)	Accum. Total (Pounds)
AREA 3						
ALHAMBRA, CITY OF	Well No. 7	July 2001	—	7,582.35	—	130.1
	Well No. 7, 8, 11 & 12	April 2009	1,665.37	28,716.17	246.1	1,159.6
BPOU						
CALIFORNIA DOMESTIC WATER COMPANY	Well No. 3, Well No. 5A Well No. 6, & Well No. 10	September 1993 April 1997	13,677.72	383,181.36	1,186.8	19,746.6
LA PUENTE VALLEY COUNTY WATER DISTRICT	Well No. 2, 3 & 4	August 1992	—	11,493.13	—	826.9
	Well No. 2, 3 & 5 (BPOU)	January 2000	3,822.80	67,704.91	401.7	11,951.7
SAN GABRIEL VALLEY WATER COMPANY	Well B6C 2/	April 1994	—	5,194.17	—	856.2
	Well B6D 2/	April 1994	—	14,526.27	—	421.7
	Plant B5 (BPOU)	January 2007	10,833.43	135,234.61	481.0	5,505.2
	Plant B6 (BPOU)	September 2004	9,034.03	132,211.50	1,957.3	26,921.6
VALLEY COUNTY WATER DISTRICT	Lante	June 1984	—	7,719.61	—	10,356.7
	Lante, SA1-1 & SA1-2 (BPOU)	December 2004	3,579.83	80,994.10	1,074.2	43,894.3
EMOU						
ADAMS RANCH MUTUAL WATER COMPANY	Well No. 3 2/	November 2003	—	881.58	—	32.7
EL MONTE, CITY OF	Well No. 14, 15 & 16 3/	January 2019	830.89	3,954.06	52.6	211.2
GOULD AND JOHNSON CONTROLS	EMOU (Shallow Zone)	October 2015	34.48	162.41	3.2	27.8
GOLDEN STATE WATER COMPANY (SGV)	Encinita No. 1, 2 & 3	April 1998	1,812.70	31,765.71	27.3	735.9
HERMETIC SEAL CORPORATION	Hermetic Seal	May 2012	50.68	456.56	5.3	43.3
PVOU						
BDP - CARRIER	Carrier	April 1988	0.00	6,789.57	0.0	2,843.1
SEMOU						
MONTEREY PARK, CITY OF	Well No. 5	September 1999	407.55	19,081.46	10.5	1,367.6
	Well No. 9 & 12, 15	April 2002	6,138.60	90,533.26	802.4	15,020.6
SAN GABRIEL VALLEY WATER COMPANY	Well 8B, 8C, 8D & 8E	August 2002	3,313.09	49,837.46	921.3	8,028.6
GOLDEN STATE WATER COMPANY (SGV)	San Gabriel No.1 & 2	November 2001	1,943.10	24,735.48	47.0	705.6
WNOU						
EPA	WNOU (Shallow Zone) 2/	December 1999	—	30,065.52	—	1,618.9
SAN GABRIEL VALLEY WATER COMPANY	WNOU (Intermediate Zone) 4/	December 2005	3,415.87	58,954.92	26.1	1,851.1
PRODUCER FACILITY						
ARCADIA, CITY OF	Longden 1 & 2	January 1985	890.14	71,542.16	8.1	758.8
BOZUNG	Well B36, F38, F39 & BC34 5/	October 1994	—	233.00	—	131.3
EL MONTE, CITY OF	Well No. 12	February 1997	81.32	16,459.25	14.8	1,176.4
	Well No. 10 2/	May 2004	—	6,380.82	—	43.4
	Well No. 2A	July 1999	614.23	11,646.45	4.6	159.3
EPA	Richwood (North Well) 6/	April 1990	—	451.98	—	5.8
	Richwood (South Well) 6/	April 1990				

Operable Unit			Total Water Treated		Total Contaminants Removed	
Treatment Facilty Owner	Treatment Facility(s)	Start Date 1/	Fiscal Year 2019-20 (Acre-feet)	Accum. Total (Acre-feet)	Fiscal Year 2019-20 (Pounds)	Accum. Total (Pounds)
PRODUCER FACILITY						
GOLDEN STATE WATER COMPANY (SD)	Art 2 & 3, Base 3 & 4, Hwy 1	May 2005	11.90	19,563.37	0.0	366.5
GOLDEN STATE WATER COMPANY (SGV)	Garvey No. 3	June 2016	419.80	2,206.31	5.1	20.2
HEMLOCK MUTUAL WATER COMPANY	Hemlock (North Well) 2/	April 1986	—	2,553.65	—	44.6
	Hemlock (South Well) 2/	April 1986				
MONROVIA, CITY OF	Wells No. 2 & 6	March 1996	1,607.73	51,365.67	44.4	1,054.4
	Wells No. 3, 4 & 5	October 2007	2,631.73	24,584.89	7.4	209.6
MONTEREY PARK, CITY OF	Well No. 1, 3, 10 & Fern	June 2004	909.18	30,775.90	15.5	1,740.6
SAN GABRIEL VALLEY WATER COMPANY	Well 11B	March 1991	4.27	45,129.86	0.0	320.1
	Well B11B	March 1993	455.64	50,173.14	38.0	3,351.8
	Well B7C 7/	March 1993	—	46,711.28	—	1,824.2
	Well B4B & B4C	January 1999	—	24,093.04	—	1,233.5
	Well G4A	December 2005	213.93	4,862.47	6.8	81.6
SUBURBAN WATER SYSTEMS	Well No. 140W-4 2/	May 2001	—	2,247.59	—	16.2
VALLEY COUNTY WATER DISTRICT	Maine East & West	June 1990	2,776.80	60,894.12	0.0	1,831.2
	Nixon East & West	January 2004	4,081.03	57,617.37	0.0	332.6
WATER QUALITY AUTHORITY	Arrow (Project No. 1) 2/	February 1992	—	7,250.41	—	17,423.0
	Big Dalton (Project No. 2) 2/	March 1997	—	1,229.02	—	82.5
	Whitmore Street	January 2008	11.90	335.01	7.1	192.6
	SEMOU	July 1999	—	3,885.19	—	1,558.5
		TOTAL	75,269.74	1,733,968.12	7,394.7	188,215.6

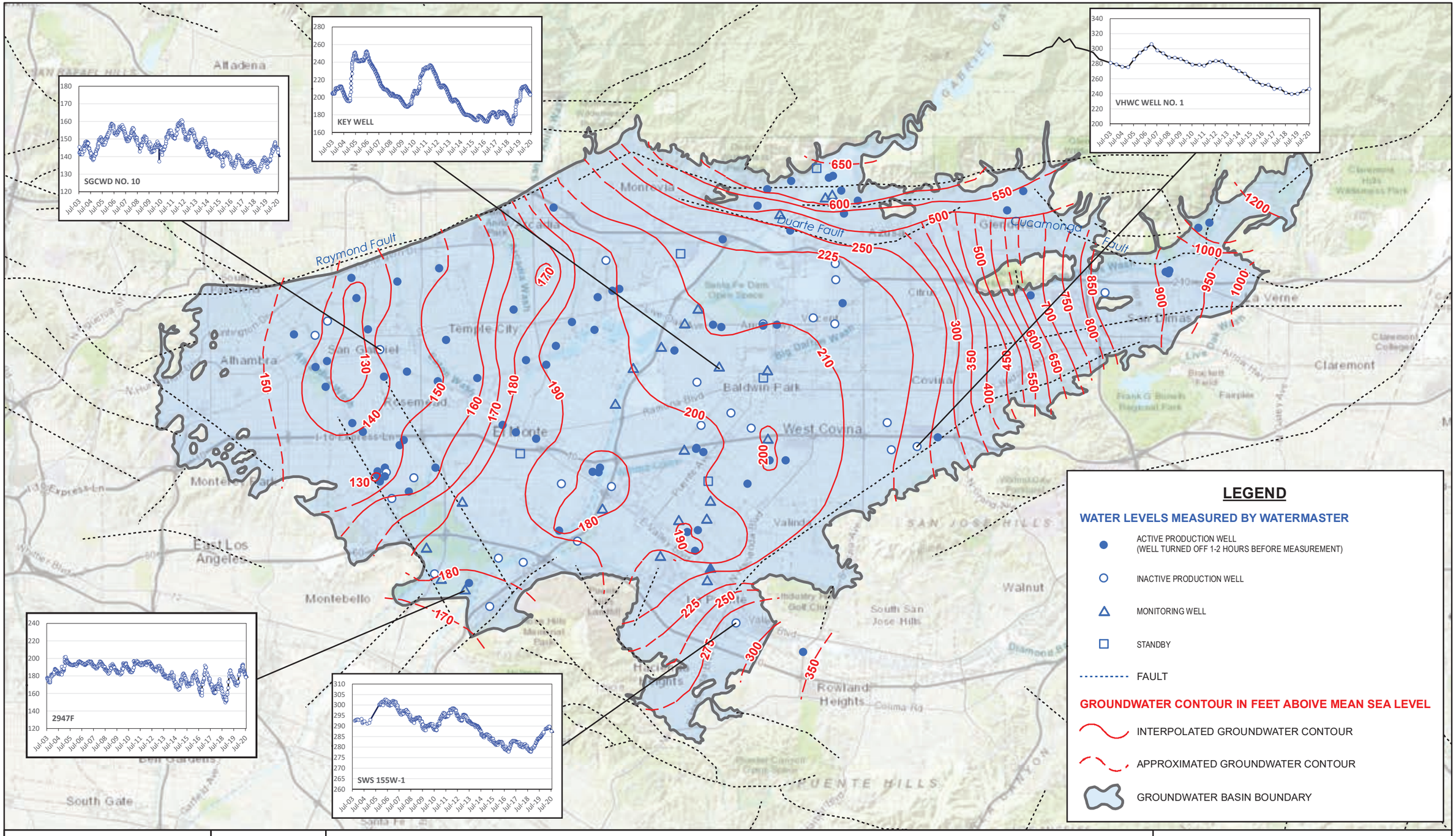
Footnotes:
1/ From date of beginning of operation.
2/ Well(s) no longer pumps to treatment facility.
3/ EMOU (Deep Zone) operation transferred to City of El Monte in January 2019.
4/ Previously operated by City of Whittier from December 2005 to May 2013.
5/ Treatment facility has been permanently dismantled.
6/ Wells destroyed in June 1999.
7/ Well destroyed in October 2016.

APPENDIX F.

Simulated Basin Groundwater Contours 2019–20 and 2024–25 (Figures 14 and 15),

Simulated Groundwater Elevation Changes Between FY 2019–20 and FY 2024–25 (Figure 16),

VOC Plume Map in BPOU and Perchlorate Plume Map in BPOU (Figures 17 and 18)



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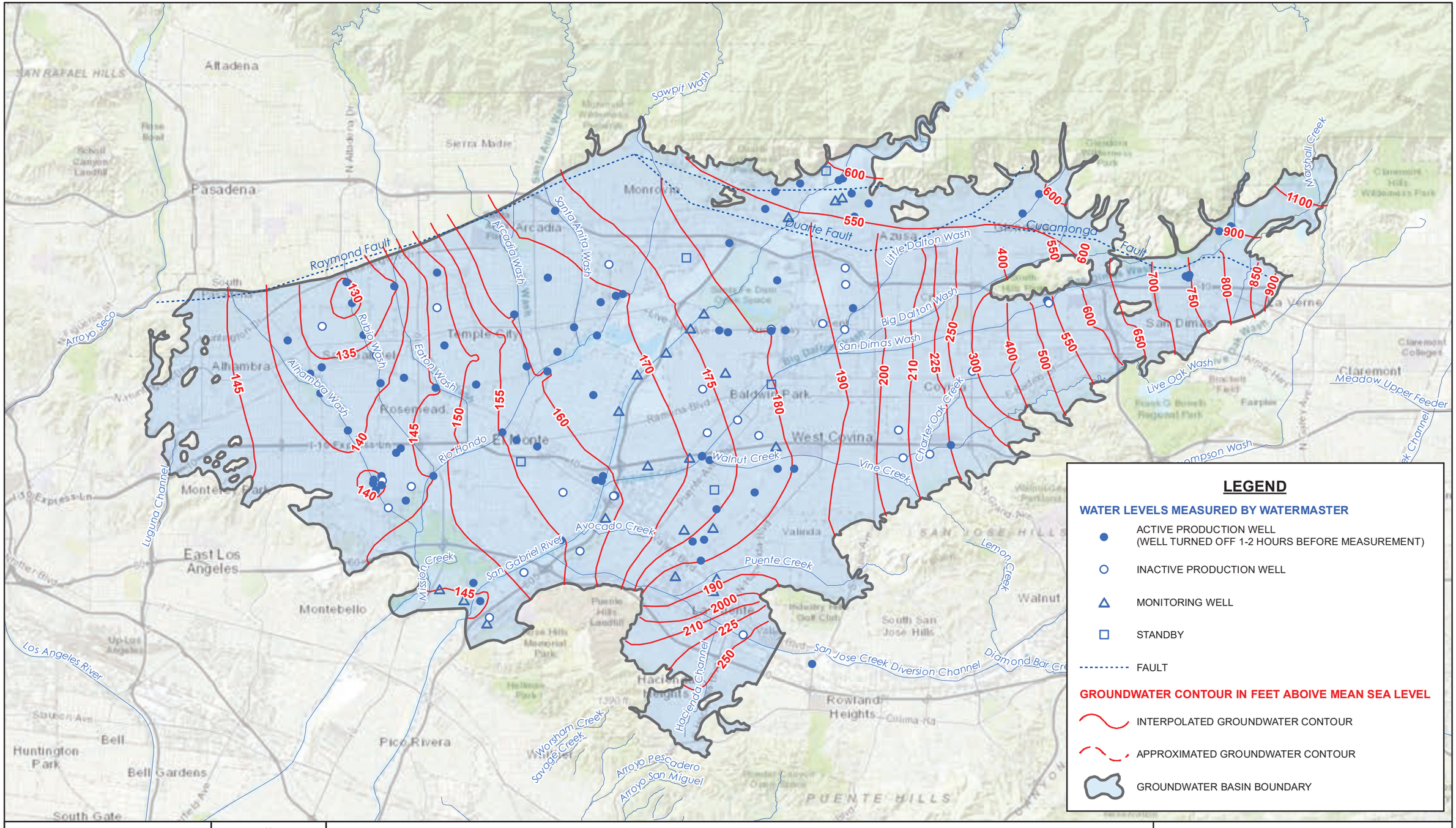
Miles

MAIN SAN GABRIEL BASIN WATERMASTER

2019-20 SAN GABRIEL BASIN GROUNDWATER CONTOUR MAP

MainSanGabrielBasin WATERMASTER



LEGEND

WATER LEVELS MEASURED BY WATERMASTER

- ACTIVE PRODUCTION WELL (WELL TURNED OFF 1-2 HOURS BEFORE MEASUREMENT)
- INACTIVE PRODUCTION WELL
- MONITORING WELL
- STANDBY
- FAULT

GROUNDWATER CONTOUR IN FEET ABOIVE MEAN SEA LEVEL

- INTERPOLATED GROUNDWATER CONTOUR
- APPROXIMATED GROUNDWATER CONTOUR
- GROUNDWATER BASIN BOUNDARY

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MAIN SAN GABRIEL BASIN WATERMASTER

2024-25 SAN GABRIEL BASIN GROUNDWATER CONTOUR MAP

MainSanGabrielBasin WATERMASTER

**SIMULATED GROUNDWATER ELEVATION CHANGES
BETWEEN FY 2019–20 AND FY 2024–25**

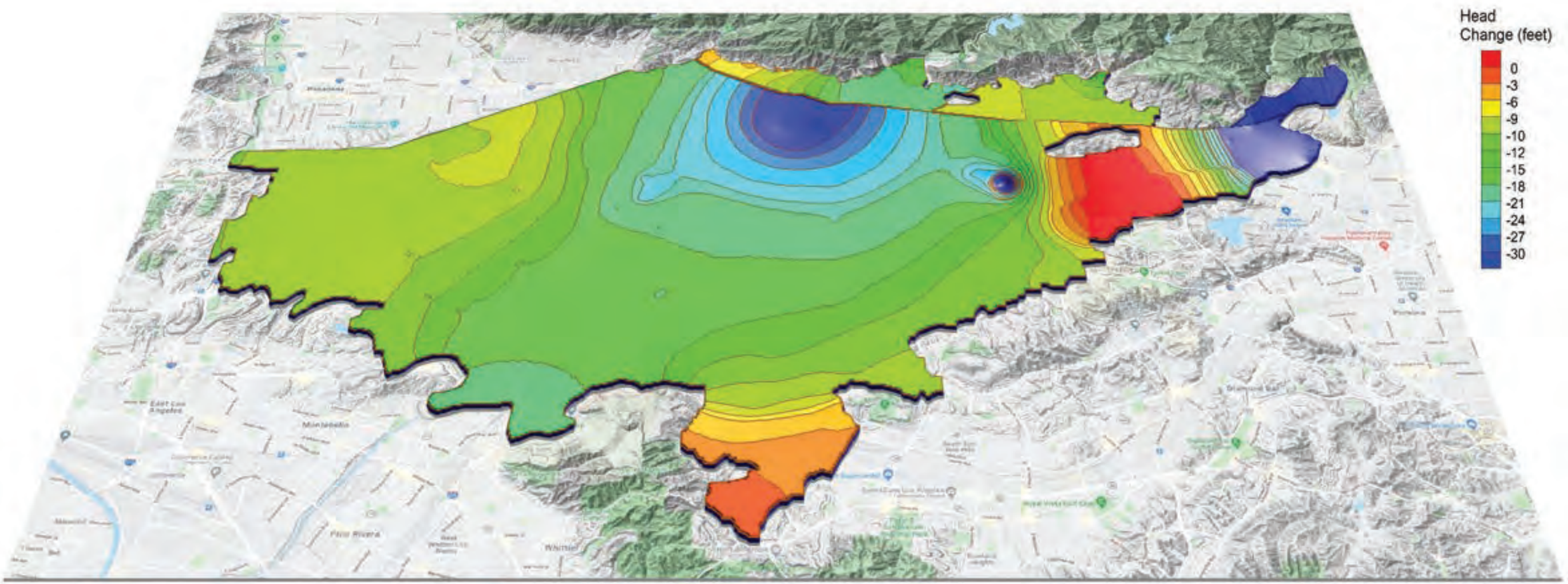
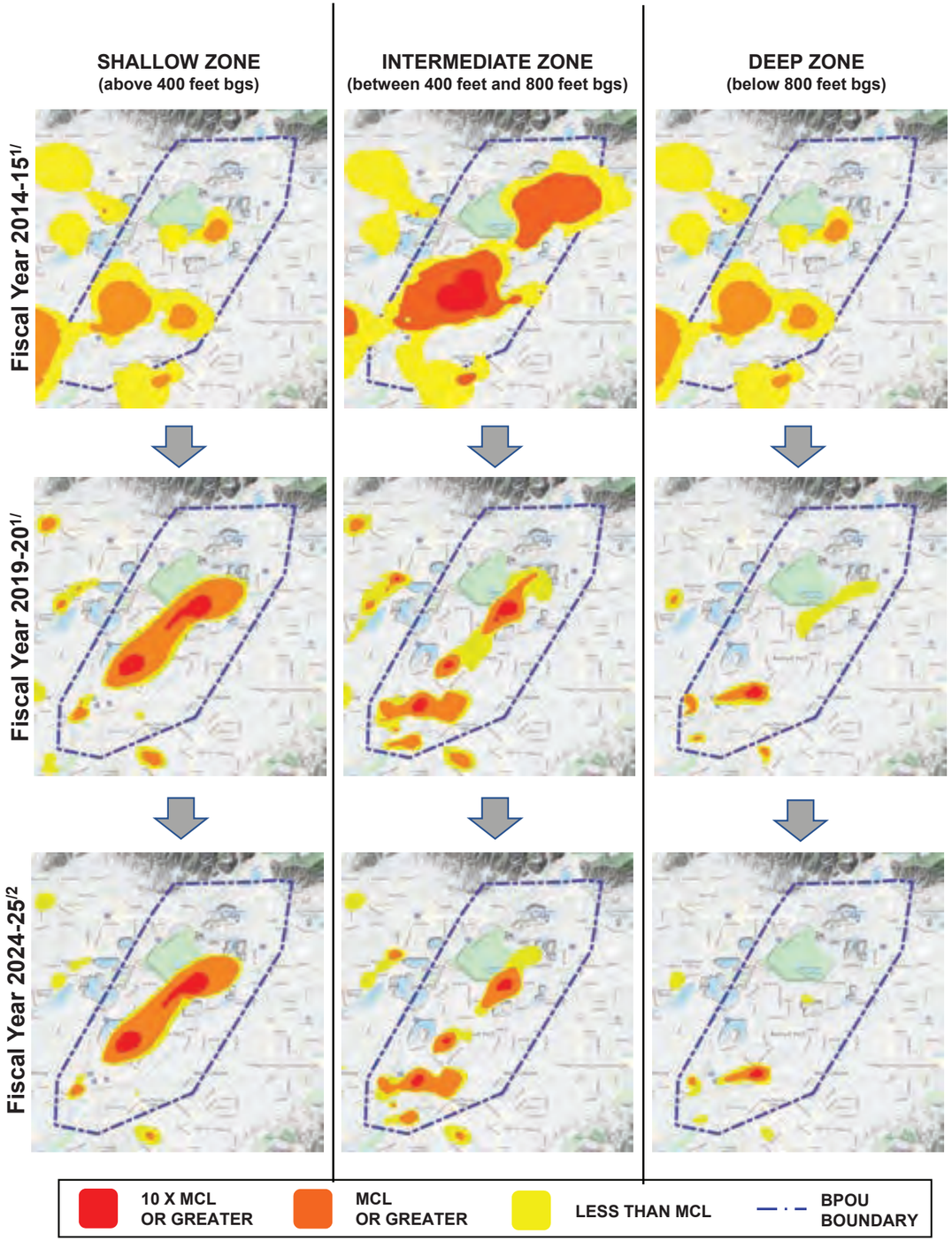
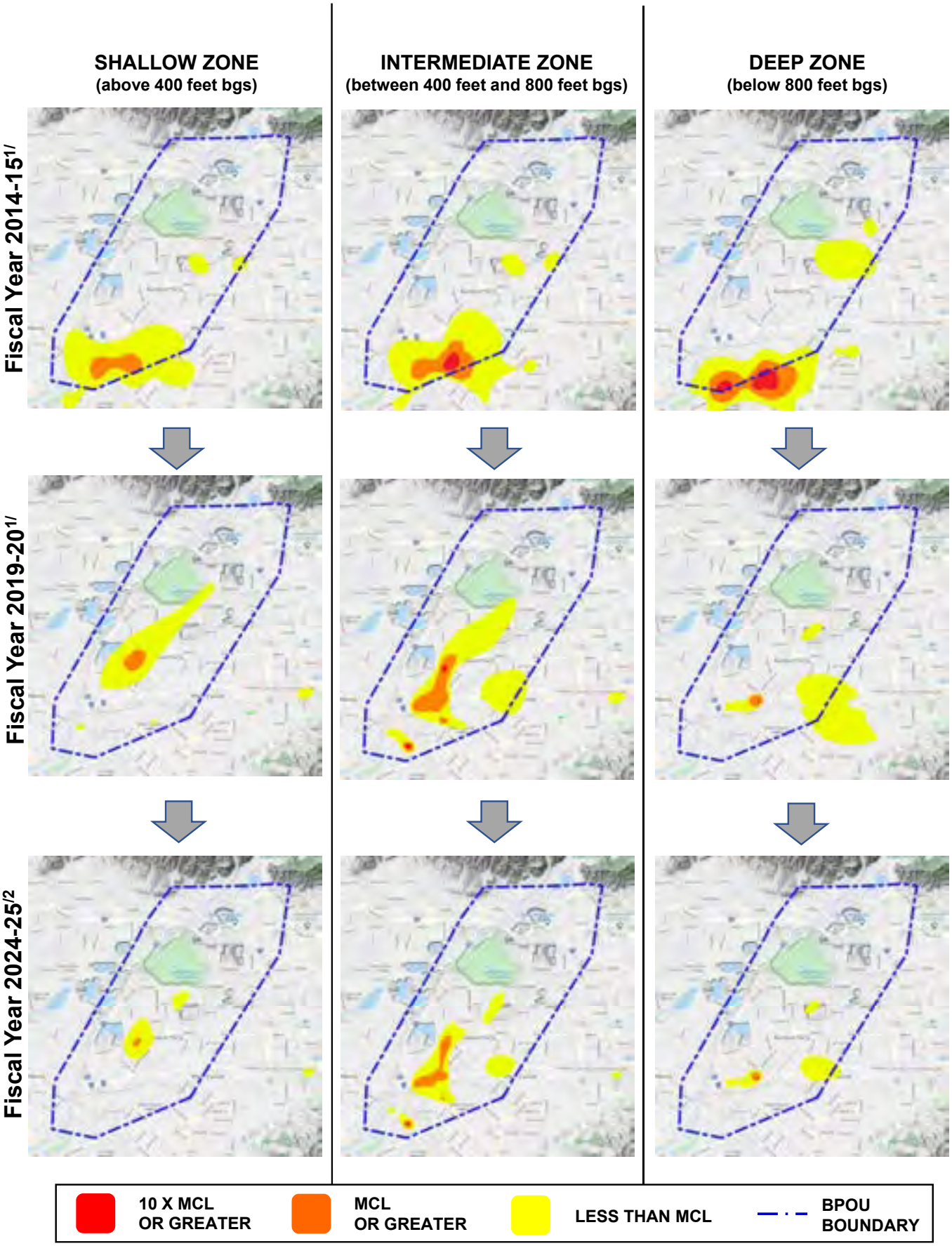


FIGURE 17 VOC PLUME MAPS



1/ Interpolated composite VOC plumes based on existing water quality data 2/ Projected composite VOC plume

FIGURE 18 PERCHLORATE PLUME MAPS



1/ Interpolated composite CLO4 plumes based on existing water quality data 2/ Projected composite CLO4 plume

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