

REGULAR MEETING OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS

Agenda

Tuesday, July 19, 2022

6:00 PM

Join Zoom Meeting: <https://zoom.us/j/88087813278>

Join by Phone: Dial US +1 669 900 6833 Meeting ID: 880 8781 3278

Compliance with Government Code Section 54957.5

Public records, including writings related to an agenda item for an open session of a regular meeting of the Florin Resources Conservation District that are distributed less than 72 hours before the meeting, are available by email request. In addition, such writings may be posted, whenever possible, on the Elk Grove Water District website at www.egwd.org. The Board will discuss all items on the agenda and may take action on any item listed as an "Action" item. The Board may discuss items that do not appear on the agenda but will not act on those items unless there is a need to take immediate action and the Board determines by a two-thirds (2/3) vote that the need for action arose after posting of the agenda. If necessary, the Meeting will be adjourned to Closed Session to discuss items on the agenda listed under "Closed Session." At the conclusion of the Closed Session, the meeting will reconvene to "Open Session."

CALL TO ORDER, ROLL CALL AND PLEDGE OF ALLEGIANCE

Public Comment

This is the opportunity for the public to comment on non-agenda items within the subject matter jurisdiction. Comments are limited to three (3) minutes.

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| 1. Future Florin Resource Conservation District Board Meetings by Teleconference
(Stefani Phillips, Human Resources Administrator/Board Secretary) | 4-6 |

Associate Director Comment

Public Comment

Recommended Action/Information: Consider finding by a majority vote under Gov. Code § 54953, subd. (e)(1)(B) that as a result of the COVID-19 emergency: (i) meeting in person would present imminent risks to the health or safety of attendees; and (ii) the meeting is authorized to be held by teleconference pursuant to Gov. Code § 54953, subd. (e)(1)(C).

2. Proclamations and Announcements

- a. District awarded wellness grant from ACWA/JPIA.

Associate Director Comment

Public Comment

3. Public Hearing – Public Health Goal Report

(Travis Franklin, Program Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: 1) Hold a public hearing to receive public comment regarding the proposed acceptance of the “2022 Report on Water Quality Relative to Public Health Goals”, and

2) Accept the report pending public comments.

4. Consent Calendar

20-21

(Stefani Phillips, Board Secretary and Patrick Lee, Treasurer)

a. Minutes of Regular Board Meeting of June 21, 2022

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b. Accounts Payable Check History – June 2022

26-31

c. Board and Employee Expense/Reimbursements – June 2022

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e. Bond Covenant Status for FY 2021-22 – June 2022

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f. CASH - Detail Schedule of Investments – June 2022

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g. Consultants Expenses – June 2022

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h. Major Capital Improvement Projects – June 2022

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Associate Director Comment

Public Comment

Recommended Action/Information: Approve Florin Resource Conservation District Consent Calendar items a – h.

5. Groundwater Workshop – Groundwater Recharge Pilot Project

38-53

(Bruce Kamilos, General Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

6. Elk Grove Water District Fiscal Year 2021-22 Quarterly Operating Budget Status Report

54-61

(Patrick Lee, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

7. Elk Grove Water District Fiscal Year 2021-22 Quarterly Capital Reserve Status Report 62-65

(Patrick Lee, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

8. General Manager's Report 66-67

(Bruce Kamilos, General Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

9. Elk Grove Water District Operations Report – June 2022 68-125

(Bruce Kamilos, General Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

10. Directors Comments

11. Closed Session

a. CONFERENCE WITH LABOR NEGOTIATORS (Pursuant to Government Code section 54957.6)

Agency designated representative: FRCD Board of Directors

Unrepresented employee: General Manager

Adjourn to Regular Meeting – August 16, 2022

July 19, 2022

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Stefani Phillips, Human Resources Administrator/Board Secretary

SUBJECT: **FUTURE FLORIN RESOURCE CONSERVATION DISTRICT BOARD MEETINGS BY TELECONFERENCE**

RECOMMENDATION

This item is being presented to the Florin Resource Conservation District Board of Directors to consider finding by a majority vote under Gov. Code § 54953, subd. (e)(1)(B) that as a result of the COVID-19 emergency: (i) meeting in person would present imminent risks to the health or safety of attendees; and (ii) the meeting is authorized to be held by teleconference pursuant to Gov. Code § 54953, subd. (e)(1)(C).

SUMMARY

The Florin Resource Conservation District (FRCD) Board of Directors (Board) has conducted board meetings by teleconference since April 21, 2020. On September 15, 2021, the Governor passed Assembly Bill (AB) 361 extending the allowance of public board meetings to be conducted by teleconference effective October 1, 2021, through December 31, 2023. The Board voted that meetings continue to be conducted by teleconference in accordance with AB-361 and concurred that this item be brought back each month for action.

DISCUSSION

Background

Governor Newsom issued Executive Order N-29-20 which allows public agencies to hold board meetings by teleconference without violating the Brown Act. On April 21, 2020, the Board began conducting board meetings by teleconference. Fast forward, Governor Newsom passed AB-361 extending the allowance of public board meetings to be conducted by teleconference through December 31, 2023.

The Board voted that meetings continue to be conducted by teleconference in accordance with AB-361 and concurred that this item be brought back each month for action.

In light of the Governor's declaration that a state of emergency exists due to the incidence and spread of the novel coronavirus, and the pandemic caused by the resulting disease COVID-19, the Board should consider whether meeting in person would present imminent risks to the health or safety of meeting attendees.

FUTURE FLORIN RESOURCE CONSERVATION DISTRICT BOARD MEETINGS BY TELECONFERENCE

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The Centers for Disease Control indicates that COVID-19 is a highly transmissible virus that is spread when an infected person breathes out droplets and very small particles that contain the virus, and such droplets and particles are breathed in by other people. Variants of the virus continue to emerge, presenting an imminent risk to the health and safety of meeting attendees.

Present Situation

Conducting meetings by teleconference would directly reduce the risk of transmission among meeting attendees, including members of the public and staff, which has the ancillary effect of reducing risk of serious illness and death, as well as reducing community spread of the virus.

To meet by teleconference under AB-361, local agency boards must include an initial agenda item, such as this, to consider finding that the circumstances allowing a teleconference meeting under AB-361 exist. At the October 2021 regular board meeting, the Board reviewed this commencing agenda item and voted that meetings continue to be conducted by teleconference in accordance with AB-361. They also concurred that this item be brought back each month for action.

If the authorization to meet by teleconference is not approved by a majority vote, then the meeting will adjourn after this item and the remaining agenda items will be rescheduled to a future in-person meeting.

If authorization to meet by teleconference is approved by a majority vote, staff will continue to bring a re-authorization to the Board as an action item, at every regular board meeting, until such time the Board determines meetings will continue in person.

Staff recommends that the Board consider finding by a majority vote, that as a result of the COVID-19 emergency, meeting in person would present imminent risks to the health or safety of attendees, and the meeting should be held by teleconference as authorized by subdivision (e)(1)(C) of section 54943 of the Government Code.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

July 19, 2022

**FUTURE FLORIN RESOURCE CONSERVATION DISTRICT BOARD MEETINGS BY
TELECONFERENCE**

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STRATEGIC PLAN CONFORMITY

This item conforms with Strategic Goal No. 1, Governance and Customer Engagement, of the Strategic Plan 2020-2025.

FINANCIAL SUMMARY

There is no direct financial impact associated with this report.

Respectfully submitted,

A handwritten signature in blue ink that reads "Stefani Phillips". The signature is written in a cursive, flowing style.

STEFANI PHILLIPS,
HUMAN RESOURCES ADMINISTRATOR/BOARD SECRETARY

July 19, 2022

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Travis Franklin, Program Manager

SUBJECT: **PUBLIC HEARING – PUBLIC HEALTH GOAL REPORT**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors, 1) hold a public hearing to receive public comment regarding the proposed acceptance of the “2022 Report on Water Quality Relative to Public Health Goals”, and 2) accept the report pending public comments.

SUMMARY

The California Health and Safety Code (Code) requires that public water systems serving more than 10,000 service connections prepare a written report every three (3) years that documents detections of any constituents in drinking water that exceed a public health goal (PHG). To satisfy this requirement, the Elk Grove Water District (EGWD) completed a report titled “2022 Report on Water Quality Relative to Public Health Goals,” otherwise referred to as Public Health Goals Report (attached). The Code requires that a public hearing be held to receive public comments regarding the Public Health Goals Report before the report is accepted by the Board of Directors.

DISCUSSION

Background

A PHG is the level of a chemical contaminant in drinking water that does not pose a significant risk to health. Unlike the Drinking Water Regulations (California Code of Regulations Title 22) which set maximum contaminant levels (MCLs) of constituents in drinking water, PHGs are not regulatory standards, and therefore, not enforceable. State law, however, requires the State Water Resources Control Board (SWRCB) to set drinking water standards for chemical contaminants as close to the corresponding PHG as is economically and technologically feasible. In many cases, it is not feasible for the SWRCB to set the drinking water standard MCL of a contaminant at the same level as the PHG. The technology to treat the chemicals may not be available, or the cost of treatment may be very high.

Present Situation

In compliance with state law, EGWD has prepared a report titled “2022 Report on Water Quality Relative to Public Health Goals” otherwise referred to as Public Health Goals

AGENDA ITEM No. 3

PUBLIC HEARING – PUBLIC HEALTH GOAL REPORT

Page 2

Report. State law requires that a public hearing be held to receive public comments regarding the Public Health Goals Report before the report is presented for adoption by the Florin Resource Conservation District (FRCD) Board of Directors (Board). The public hearing must be noticed in an adjudicated newspaper of general circulation with a publication date at least 10 days prior to the date of the hearing. EGWD noticed the public hearing in the Elk Grove Citizen and made the report available to the public on July 8, 2022.

For the EGWD drinking water system, the constituents detected that exceeded PHG levels are arsenic, gross alpha, radium-226, and uranium. Table 1 on page 3 of the Public Health Goals Report lists these constituents and the levels at which they occurred. It is explicitly noted that each of these drinking water constituents is below the maximum contaminant level set by state law, and that EGWD's drinking water system is fully compliant with state law.

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with this item.

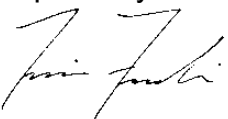
STRATEGIC PLAN CONFORMITY

The recommendation made in this staff report conforms to Goal 4, Protection of Public and Environmental Health, of the FRCD/EGWD 2020-2025 Strategic Plan. The Strategic Plan directs EGWD to comply with all laws State and Federal drinking water standards.

FINANCIAL SUMMARY

The Public Health Goal Report was prepared by EGWD's contracted professional consultant, Robertson-Bryan, Inc., at a cost of \$2,937.

Respectfully submitted,



TRAVIS FRANKLIN
PROGRAM MANAGER

Attachment



2022 Report on Water Quality Relative to Public Health Goals

Prepared for:
ELK GROVE WATER DISTRICT
9257 Elk Grove Blvd.
Elk Grove, CA 95624
(916) 685-3556
<http://www.egwd.org/>

Prepared by:



3100 Zinfandel Drive, Suite 300
Rancho Cordova, CA 95670
(916) 714-1801

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List of Acronyms and Abbreviations

DLR	detection limit for purposes of reporting
EGWD	Elk Grove Water District
MCL	Maximum Contaminant Level
MCLG	Maximum Contaminant Level Goal
OEHHA	California Office of Environmental Health Hazard Assessment
PHG	Public Health Goal
pCi/L	picocuries per liter
SCWA	Sacramento County Water Agency
USEPA	United States Environmental Protection Agency
µg/L	micrograms per liter

Background

The California Health and Safety Code Section 116470(b) specifies that public water systems serving more than 10,000 service connections prepare a brief written report every three years that documents detections of any constituents in drinking water that exceed a Public Health Goal (PHG). PHGs are non-enforceable goals established by the California Office of Environmental Health Hazard Assessment (OEHHA). The law also requires that where OEHHA has not adopted a PHG for a constituent, public water systems are to use the Maximum Contaminant Level Goal (MCLG) adopted by the United States Environmental Protection Agency (USEPA). Only constituents that have both a California primary drinking water Maximum Contaminant Level (MCL) and a PHG (or MCLG if no PHG exists) are to be addressed in this report.

This report addresses constituents detected in Elk Grove Water District's (EGWD) drinking water supply during calendar years 2019 through 2021 at a level exceeding an applicable PHG or MCLG and provides the required information for each constituent. The required information includes: the category or type of risk to health that could be associated with each constituent; the numerical public health risk associated with the primary MCL and the PHG or MCLG; the Best Available Technology that could be used to reduce the constituent level; and an estimate of the cost to install that Best Available Technology treatment process.

What are PHGs?

PHGs are set by OEHHA and are non-enforceable goals based solely on public health risk considerations. The practical risk-management factors considered by the USEPA or California's State Water Resources Control Board, Division of Drinking Water in setting drinking water MCLs are not addressed in setting the PHGs. These practical risk-management factors include: analytical detection capability, treatment technology available, benefit and costs. The PHGs are not enforceable and are not required to be met by any public water system. MCLGs are the federal equivalent to PHGs.

Water Quality Data Considered

Water for the EGWD system is supplied by two water providers, EGWD and Sacramento County Water Agency (SCWA) as follows:

- Service Area 1 – local groundwater from EGWD
- Service Area 2 – local groundwater with periodic surface water purchased from SCWA

Service Area 1 has approximately 8,000 connections and Service Area 2 has approximately 4,900 connections. A map of the service areas is provided below in Figure 1.

The water quality data that was collected from EGWD and SCWA's water system for purposes of determining compliance with drinking water standards during calendar years 2019 through 2021 was utilized to prepare this report. Water quality data are summarized annually in Consumer Confidence Reports, which are available on EGWD's website (<https://www.egwd.org/publications/>) under "Water Quality Reports."

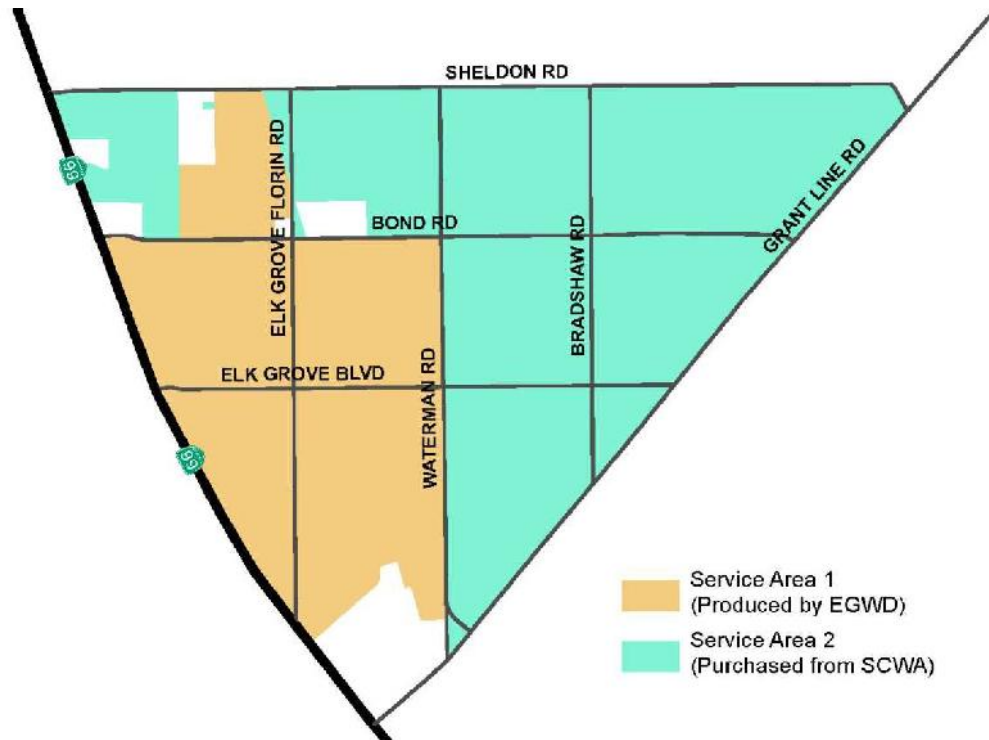


Figure 1. Elk Grove Water District Service Area Boundaries.

Guidelines Followed

The Association of California Water Agencies 2022 guidelines¹ were utilized in the preparation of this report. No formal guidance for preparing these reports is available from state regulatory agencies.

Best Available Treatment Technology and Cost Estimates

Both the USEPA and California have adopted what are known as Best Available Technologies, which are the best known methods of reducing contaminant levels to the MCL. Costs can be estimated for such technologies. However, since many PHGs and all MCLGs are set much lower than the MCL, it is not always possible or feasible to determine what treatment is needed to further reduce a constituent concentration downward to or near the PHG or MCLG, many of which are set at zero. Estimating the costs to reduce a constituent level to zero is difficult, because it is not possible to verify by analytical means that the constituent level has been lowered to zero. In some cases, installing treatment to further reduce very low levels of one constituent may have adverse effects on other aspects of water quality. Costs presented herein are based on costs compiled in the Association of California Water Agencies' 2022 guidelines.

¹ Association of California Water Agencies. 2022 (April). *Suggested Guidelines for Preparation of Required Reports on PUBLIC HEALTH GOALS (PHGs) to satisfy requirements of California Health and Safety Code Section 116470(b)*.

Constituents Detected that Exceed a PHG or MCLG

Table 1 presents the constituents that were detected in EGWD's drinking water system at levels above its PHG, or if no PHG, above the MCLG. These constituents are further discussed in the sections following Table 1.

Table 1. Constituents Detected Above a PHG or MCLG			
Constituent (Units)	PHG (MCLG) ^a	MCL	DLR
Arsenic (µg/L)	0.004	10	2
Gross Alpha (pCi/L)	(0)	15	3
Radium-226 (pCi/L)	0.05	5 ^b	1
Uranium (pCi/L)	0.43	20	1
Total Coliform Bacteria	0% Positive Samples Per Month	≤5% Positive Samples Per Month	Not applicable
Notes: DLR = detection limit for purposes of reporting MCL = drinking water maximum contaminant level PHG = public health goal pCi/L = picocuries per liter of water µg/L = micrograms per liter of water ^a MCLG provided in parentheses for constituents with no adopted PHG. ^b MCL is for combined radium-226 and radium-228.			

Arsenic

Table 2 summarizes the range and average arsenic concentrations in EGWD drinking water for Service Areas 1 and 2. The PHG for arsenic is 0.004 micrograms per liter (µg/L). The MCL for arsenic is 10 µg/L. The health risk category associated with arsenic is carcinogenicity. At the PHG for arsenic, the theoretical cancer risk is 1×10^{-6} . This means the 70-year lifetime cancer risk for consuming drinking water with an arsenic concentration at the PHG is 1 excess case of cancer per 1,000,000 people exposed (or 0.0001 percent). At the MCL of 10 µg/L, the theoretical cancer risk is 2.5×10^{-3} . This means the 70-year lifetime cancer risk for consuming drinking water with an arsenic concentration at the MCL is 2.5 excess cases per 1,000 people exposed (or 0.25 percent). The concentrations presented in Table 2 demonstrate that maximum concentrations of arsenic were less than the MCL of 10 µg/L in 2019 through 2021.

Table 2. Water Quality Data Summary for Arsenic			
Constituent	EGWD Service Area 1 (Groundwater)	EGWD Service Area 2 (SCWA Groundwater)	EGWD Service Area 2 (SCWA Surface Water)
Range (µg/L)	ND – 6.9	ND – 8.7	ND – 2
Average (µg/L)	2.0	ND	ND
ND = not detected			

The following are identified in California Code of Regulations, Title 22 Section 64447.2 as Best Available Technologies for reducing arsenic levels in drinking water.

- Activated alumina
- Coagulation/filtration
- Ion Exchange
- Lime softening
- Reverse Osmosis
- Electrodialysis
- Oxidation/filtration

Further engineering feasibility and review would be necessary to make a determination regarding which treatment method would be most appropriate to implement. For the purposes of this report, the cost evaluation was conducted for implementation of an ion exchange treatment process.

Within EGWD Service Area 1, five drinking water supply wells that are owned and operated by EGWD had detected concentrations of arsenic above the PHG in at least one sample in calendar years 2019 through 2021. The annualized capital and operations and maintenance cost for ion exchange at the five wells in Service Area 1 is estimated to be \$2.4 million per year, which would be an increased cost for each customer in Service Area 1 of approximately \$300 per year. This cost is based on the maximum annual production of each well during 2019–2021, which totaled 1,016 million gallons, and a unit cost for ion exchange of \$2.40 per one thousand gallons requiring treatment.

The SCWA water purchased for EGWD Service Area 2 also had detections of arsenic above the PHG in calendar years 2019 through 2021. Details regarding costs for treatment and resulting increased cost per customer are provided in SCWA's 2022 Public Health Goals Report available at <https://waterresources.saccounty.gov/ccr/Pages/default.aspx>.

Radionuclides

Radionuclides detected in the EGWD water system include gross alpha, radium-226, and uranium. Table 3 summarizes the range and average radionuclide levels in the EGWD drinking water for Service Areas 1 and 2. The health risk and costs for treatment to reduce levels of these radionuclides are addressed separately for each constituent below.

Table 3. Water Quality Data Summary for Radionuclides			
Constituent	EGWD Service Area 1 (Groundwater)	EGWD Service Area 2 (SCWA Groundwater)	EGWD Service Area 2 (SCWA Surface Water)
Gross Alpha			
Range (pCi/L)	ND	ND – 5.1	ND
Average (pCi/L)	ND	ND	ND
Radium-226			
Range (pCi/L)	ND	ND – 2.4	ND
Average (pCi/L)	ND	ND	ND
Uranium			
Range (pCi/L)	ND – 2.3	ND – 2.7	ND
Average (pCi/L)	ND	ND	ND
ND = not detected "--" = no data			

Gross Alpha

Gross alpha is a measurement of the overall radioactivity of naturally occurring substances present in water due to radioactive elements breaking down. These can include radium-226, radium-228, and uranium. OEHHA has not established a PHG for gross alpha; the federal MCLG is 0 picocuries per liter of water (pCi/L) due to classification of gross alpha particles as carcinogens. The cancer risk at 0 pCi/L of gross alpha is zero. At the MCL of 15 pCi/L of gross alpha, the theoretical cancer risk is 1×10^{-3} , which means the 70-year lifetime cancer risk for consuming drinking water with a gross alpha concentration at the MCL is 1 excess case of cancer per 1,000 people exposed (0.1 percent). The concentrations presented in Table 3 demonstrate that maximum levels of gross alpha were less than the MCL of 15 pCi/L in 2019 through 2021.

The California Code of Regulations, Title 22 Section 64447.3 identifies reverse osmosis as the Best Available Technology for reducing gross alpha particle levels in drinking water.

The wells in which gross alpha particles were detected in calendar years 2019 through 2021 are SCWA wells serving Service Area 2. Gross alpha particles were not detected in EGWD wells serving Service Area 1. Details regarding costs for treatment to remove gross alpha particles in SCWA well water and resulting increased cost per customer are provided in SCWA's 2022 Public Health Goals Report available at <https://waterresources.saccounty.gov/ccr/Pages/default.aspx>.

Radium-226

Radium is formed when uranium and thorium, which are naturally occurring elements, undergo radioactive decay. Radium-226 is one of the two main radium isotopes found in the environment, the other being radium-228. Only radium-226 was detected in EGWD drinking water and it was detected only in SCWA well water serving EGWD Service Area 2.

The PHG is 0.05 pCi/L for radium-226. The MCL is 5 pCi/L for radium-226 and radium-228 combined. The health risk category associated with radium-226 is carcinogenicity. The theoretical cancer risk at the PHG for radium-226 is 1×10^{-6} , which means the 70-year lifetime cancer risk for consuming drinking water

with radium-226 at the PHG is 1 excess case of cancer per 1,000,000 people exposed (or 0.0001 percent). At the MCL of 5 pCi/L, the theoretical cancer risk for radium-226 is 1×10^{-4} , which means the 70-year lifetime cancer risk for consuming drinking water with a radium-226 concentration at the MCL is 1 excess case per 10,000 people exposed (or 0.01 percent). The concentrations presented in Table 3 demonstrate that maximum concentrations of radium-226 plus radium-228, which was not detected, were less than the MCL of 5 pCi/L in 2019 through 2021.

The following are identified in California Code of Regulations, Title 22 Section 64447.3 as Best Available Technologies for reducing radium-226 levels in drinking water.

- Ion Exchange
- Lime softening
- Reverse Osmosis

The wells in which radium-226 was detected in calendar years 2019 through 2021 are SCWA wells serving Service Area 2. Radium-226 was not detected in EGWD wells serving Service Area 1. Details regarding costs for treatment to remove gross alpha particles in SCWA well water and resulting increased cost per customer are provided in SCWA's 2022 Public Health Goals Report available at <https://waterresources.saccounty.gov/ccr/Pages/default.aspx>.

Uranium

Uranium is a naturally occurring element present in varying amounts in water, soil, and rock. The PHG for uranium is 0.43 pCi/L. The MCL for uranium is 20 pCi/L. The health risk category associated with uranium is carcinogenicity. At the PHG, the theoretical cancer risk is 1×10^{-6} , which means the 70-year lifetime cancer risk for consuming drinking water with a uranium concentration at the PHG is 1 excess case of cancer per 1,000,000 people exposed (or 0.0001 percent). At the MCL of 20 pCi/L, the theoretical cancer risk is 5×10^{-5} , which means the 70-year lifetime cancer risk for consuming drinking water with a uranium concentration at the MCL is 5 excess cases per 100,000 people exposed (or 0.005 percent). The concentrations presented in Table 3 demonstrate that maximum concentrations of uranium were less than the MCL of 20 pCi/L in 2019 through 2021.

The following are identified in California Code of Regulations, Title 22 Section 64447.3 as Best Available Technologies for reducing uranium levels in drinking water.

- Coagulation/filtration
- Ion Exchange
- Lime softening
- Reverse Osmosis

Further engineering feasibility and review would be necessary to make a determination regarding which treatment method would be most appropriate to implement. For purposes of developing annualized costs, ion exchange is selected as the treatment method for EGWD wells, because this is also the method for addressing arsenic in EGWD wells.

Within EGWD Service Area 1, one EGWD well had a detected concentration of uranium above the PHG during calendar years 2019 through 2021. The annualized capital and operations and maintenance cost for ion exchange at the one well with uranium above the PHG is estimated to be \$0.4 million per year, which would be an increased cost for each customer in Service Area 1 of approximately \$50 per year. This cost is based on the maximum annual production of the well during 2019–2021, which totaled 161 million gallons, and a unit cost for ion exchange of \$2.40 per one thousand gallons requiring treatment.

The SCWA water purchased for EGWD Service Area 2 also had detections of uranium above the PHG in calendar years 2019 through 2021. Details regarding costs for treatment and resulting increased cost per customer are provided in SCWA's 2022 Public Health Goals Report available at <https://waterresources.saccounty.gov/ccr/Pages/default.aspx>.

Total Coliform Bacteria

The MCL for total coliform bacteria is 5% positive samples of all samples per month. There is no PHG for total coliform bacteria; the MCLG is 0% positive samples per month. Coliform bacteria are an indicator organism that are ubiquitous in nature and are not generally considered harmful; they are used because of the ease in monitoring and analysis. The reason for the total coliform bacteria drinking water MCL is to minimize the possibility of the water containing potentially harmful pathogens that cause waterborne disease. If a positive sample is found, it indicates a potential problem that needs to be investigated and follow-up sampling performed. It is not unusual for a system to have an occasional positive sample, and it is difficult, if not impossible, to assure that a system will never get a positive sample. Because coliform is only a surrogate indicator of the potential presence of pathogens, it is not possible to state a specific numerical health risk.

In 2019 and 2020, one distribution system sample tested positive for total coliform bacteria in a single month. EGWD immediately resampled in accordance with drinking water regulations. All resamples were negative for total coliform bacteria. All distribution system samples in 2021 were negative for total coliform bacteria.

California Code of Regulations, Title 22, Section 64447 lists the following Best Available Technologies for achieving compliance with the total coliform MCLs:

- Protection of wells from coliform contamination by appropriate placement and construction;
- Maintenance of a disinfectant residual throughout the distribution system;
- Proper maintenance of the distribution system; and
- Filtration and/or disinfection of approved surface water, in compliance with Section 64650, or disinfection of groundwater.

EGWD implements the above Best Available Technologies for total coliform bacteria. EGWD adds chlorine at its water sources to assure that the water served is microbiologically safe. The chlorine residual levels are carefully controlled to provide the best health protection without causing the water to have undesirable taste and odor or increasing levels of disinfection byproducts, which are regulated

in drinking water. This careful balance of treatment processes is essential to continue supplying EGWD customers with safe drinking water. Other equally important measures that EGWD has implemented include: an effective cross-connection control program, maintenance of a disinfectant residual throughout the water distribution system, an effective monitoring and surveillance program, and maintaining positive pressures in the distribution system. Surface water from SCWA is treated using conventional filtration and disinfection. Because Best Available Technology measures are fully implemented by EGWD, no estimated cost for further treatment is provided.

Recommendations for Further Action

The EGWD water system meets all California and USEPA drinking water standards set to protect public health. To further reduce the levels of the constituents identified in this report that are already significantly below the health-based MCLs established to provide “safe drinking water,” additional costly treatment processes would be required. The effectiveness of the treatment processes to provide any significant reductions in constituent levels at these already low values is uncertain. The health protection benefits of these further hypothetical reductions are not at all clear and may not be quantifiable. Therefore, no action is proposed at this time.

July 19, 2022

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Stefani Phillips, Board Secretary and Patrick Lee, Treasurer

SUBJECT: **CONSENT CALENDAR**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors approve Florin Resource Conservation District Consent Calendar items a – h.

SUMMARY

Consent Calendar items a – h are standing items on the Regular Board Meeting agenda.

By this action, the Florin Resource Conservation District (FRCD) Board of Directors will approve FRCD Consent Calendar items a – h.

DISCUSSION

Background

Consent Calendar items are standing items on the Regular Board Meeting agenda.

Present Situation

Consent Calendar items a – h are standing items on the Regular Board Meeting agenda.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/Elk Grove Water District 2020-2025 Strategic Plan. The monthly Consent Calendar report provides transparency, which aligns with Goal No. 1, Governance and Customer Engagement, of the Strategic Plan 2020-2025.

CONSENT CALENDAR

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FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully Submitted,



STEFANI PHILLIPS
BOARD SECRETARY

And



PATRICK LEE
TREASURER

Attachments

**MINUTES OF THE REGULAR MEETING OF THE
FLORIN RESOURCE CONSERVATION DISTRICT
BOARD OF DIRECTORS**

Tuesday, June 21, 2022

The regular meeting of the Florin Resource Conservation District Board of Directors was called to order at 6:00 p.m. by Chair Sophia Scherman via Zoom.

Call to Order, Roll Call, and Pledge of Allegiance.

Directors Present: Sophia Scherman, Tom Nelson, Paul Lindsay, Lisa Medina, Elliot Mulberg
Directors Absent: None
Staff Present: Bruce Kamilos, General Manager; Patrick Lee, Finance Manager/Treasurer; Stefani Phillips, Human Resources Administrator/Board Secretary; Donella Murillo, Finance Supervisor; Ben Voelz, Associate Engineer; Travis Franklin, Program Manager; Amber Kavert, Administrative Assistant II (Confidential)
Staff Absent: None
Associate Directors Present: None
Associate Directors Absent: None
General Counsel Present: Ren Nosky, JRG Attorneys at Law

Public Comment

No comment.

1. Future Florin Resource Conservation District Board Meeting by Teleconference

Board Secretary Stefani Phillips presented the item to the Florin Resource Conservation District (District) Board of Directors (Board).

In summary, the Board has conducted board meetings by teleconference since April 21, 2020. On September 30, 2021, Executive Order No. N-29-20, which allows for board meetings to be conducted by teleconference expired. On September 15, 2021, the Governor passed Assembly Bill (AB) 361 extending the allowance of public board meetings to be conducted by teleconference effective October 1, 2021, through December 31, 2023. At the September regular board meeting, the Board concurred that meetings continue to be conducted by teleconference in accordance with AB-361. To meet by teleconference under AB-361, local agency boards must include an initial agenda item to consider finding that the circumstances allowing a teleconference meeting under AB-361 exist. After the initial meeting, if 30 days or less have elapsed since the last meeting, an agenda item should be included to renew the determination that meeting in person presents health risks. However, if more than 30 days have passed, an initial agenda item must be included to re-authorize meeting by teleconference under AB-361.

By unanimous consent, the Board found a majority vote under Gov. Code § 54953, subd. (e)(1)(B) that as a result of the COVID-19 emergency: (i) meeting in person would present imminent risks to the health or safety of attendees; and (ii) the meeting is authorized to be held by teleconference pursuant to Gov. Code § 54953, subd. (e)(1)(C). 5/0: Ayes: Lindsay, Medina, Mulberg, Nelson and Scherman.

2. Proclamations and Announcements

Nothing to report.

3. **Consent Calendar**

- a. Minutes of Regular Board Meeting of May 17, 2022
- b. Minutes of Special Board Meeting of June 9, 2022
- c. Accounts Payable Check History – May 2022
- d. Board and Employee Expense/Reimbursements – May 2022
- e. Active Accounts – May 2022
- f. Bond Covenant Status for FY 2021-22 – May 2022
- g. CASH - Detail Schedule of Investments – May 2022
- h. Consultants Expenses – May 2022
- i. Major Capital Improvement Projects – May 2022

Vice Chair Tom Nelson asked that item c. Accounts Payable Check History – May 2022 be pulled to seek clarification for a few checks issued.

MSC (Lindsay/Medina) to approve Florin Resource Conservation District Consent Calendar items a-i. 5/0: Ayes: Lindsay, Medina, Mulberg, Nelson and Scherman.

4. **Year to Date Revenues and Expenses Compared to Budget – May 2022**

Finance Manager Patrick Lee presented the item to the Board.

5. **Elk Grove Water District Fiscal Year 2023-27 Capital Improvement Program**

Associate Engineer Ben Voelz presented the item to the Board.

In summary, the Fiscal Year (FY) 2023-27 Capital Improvement Program (CIP) describes capital improvement projects planned by Elk Grove Water District (EGWD) over the next five (5) fiscal years. The CIP serves as a plan to improve, rehabilitate, and replace EGWD's water system infrastructure, and other facilities owned and operated by the EGWD. Staff presented the FY 2023-27 CIP to the Infrastructure Committee on April 5, 2022. Revisions to the CIP have been made based on comments from that meeting. The notable change made to this year's CIP is that approximately 80% of the FY 2023-27 CIP budget is allocated to water main replacements over the next five (5) years compared to roughly 60% of the FY 2022-2026 CIP budget. This year's CIP will be focusing on multiple areas within Service Area 1 where sections of the distribution system are meeting the end of useful life.

MSC (Lindsay/Mulberg) to adopt Resolution No. 06.21.22.01, approving the Elk Grove Water District Fiscal Year 2023-27 Capital Improvement Program and the appropriation of \$1,684,000 from designated reserve funds to the Fiscal Year 2022-23 Capital Improvement Program budget. 5/0: Ayes: Lindsay, Medina, Mulberg, Nelson and Scherman.

6. **Elk Grove Water District Employee Policy Manual Amendment**

Ms. Stefani Phillips presented the item to the Board.

In summary, the EGWD Employee Policy Manual prescribes that the Cost-of-Living Adjustment (COLA) may be made annually at the determination and discretion of the Board. The COLA is currently calculated by averaging the All Cities CPI-W, Western CPI-W, and San Francisco CPI-W. For the past four (4) years, staff inadvertently used the CPI-U instead of the CPI-W when determining COLAs. In researching the differences between CPI-W and CPI-U, staff has learned that the CPI-W is an old index that is mostly used for calculating social security COLAs. Conversely, the CPI-U is used more broadly throughout government applications. At the June 9, 2022 Special Board Meeting, the Board directed staff to return with a policy amendment at the next regular board meeting to use the CPI-U index instead of the CPI-W index when calculating District COLAs for all future years.

MSC (Nelson/Medina) to adopt Resolution No. 06.21.22.02, amending the 2019 Elk Grove Water District Employee Policy Manual, Section 4.2.5, Cost of Living Adjustment. 4/1: Ayes: Lindsay, Medina, Mulberg and Nelson Noes: Scherman.

7. Florin Resource Conservation District/Elk Grove Water District Fiscal Year 2022-23 Operating Budget

Mr. Lee provided background on the Florin Resource Conservation District/Elk Grove Water District Fiscal Year 2022-23 Operating Budget (Budget).

In summary, the District has a fiscal year that runs from July 1 to June 30. Staff initiated a process in April to prepare the Budget which should be adopted by June 30 of each fiscal year. The District held a public meeting on April 26, 2022 with the Board to review a proposed Budget development worksheet. Staff incorporated comments received from that public meeting into the Budget development worksheet and presented it to the Board at the May 17, 2022 regular board meeting. The Board directed staff to return with additional updates to the Budget development worksheets at a special board meeting on June 9, 2022. At the June 9, 2022 special board meeting, the Board approved for inclusion into the Budget a 2.0% revenue rate increase effective January 1, 2023, and a 7.20% COLA based on the average of the April 2022 All Cities CPI-U, Western CPI-U and San Francisco CPI-U indices effective July 1, 2022.

Director Paul Lindsay asked that there be a future discussion on incorporating “comprehensive compensation study” into Strategic Goal 6 of the District’s 2020-2025 Strategic Plan.

MSC (Nelson/Medina) to adopt Resolution No. 06.21.22.03, approving the proposed Florin Resource Conservation District/Elk Grove Water District Fiscal Year 2022-23 Operating Budget projecting revenues of \$15.873 million and expenses of \$16.433 million and appropriating \$0.560 million from operating reserves to fund expenses in excess of revenues for Fiscal Year 2022-23. 3/2: Ayes: Lindsay, Medina, and Nelson Noes: Mulberg, Scherman.

8. Fiscal Year 2022-23 Investment Policy Guidelines

Mr. Lee presented the item to the Board.

In summary, the District’s Investment Policy Guidelines requires the annual readoption and delegation of investment authority. California Government Code sections 53600 – 53610 establishes the guidelines for the investment of public funds including the types of allowable investments and maximum amounts of each type of investment. Staff has reviewed the policy for compliance with applicable government codes and is not recommending any changes to the Investment Policy Guidelines at this time. California Government Code section 53607 et. seq., allows the authority of the Board of Directors to invest or to reinvest funds of the District, or to sell or exchange securities so purchased, to be delegated for a one-year period by the Board to the Treasurer of the District, who shall thereafter assume full responsibility for those transactions until the delegation of authority is revoked or expires.

The Board requested that staff bring the investment broker, who works with the District, in for a presentation where the Board can ask questions.

MSC (Lindsay/Nelson) to adopt Resolution No. 06.21.22.04, approving the Fiscal Year 2022-23 Investment Policy Guidelines of the Florin Resource Conservation District and delegating investment authority to the Finance Manager/Board Treasurer. 5/0: Ayes: Lindsay, Medina, Mulberg Nelson and Scherman.

9. Legislative Matters and Potential Direction to Staff

Program Manager Travis Franklin presented the item to the Board.

10. General Managers Report

Mr. Kamilos presented the item to the Board.

In summary, Mr. Kamilos gave an update on the Administrative Office Tenant Improvements Project. Chair Sophia Scherman would like a tour of the new Administrative Office.

He also explained that the District had a confidential cybersecurity assessment conducted and have received the results. The Board asked that there be a closed session on the outcome of the assessment. Staff will work with general counsel.

Mr. Kamilos briefly went over the Groundwater Recharge Pilot Program, which will be the subject of his Groundwater Workshop at the August Meeting, and he gave an update on the State Water Boards emergency water conservation regulations, which ask urban water suppliers to implement Stage 2 of their water shortage contingency plans.

11. Elk Grove Water District Operations Report – May 2022

Mr. Kamilos presented the EGWD Operations Report – May 2022 to the Board.

After a short discussion, the Board asked staff to include a column showing the monthly percent change to the EGWD Water Usage page of the Operations Report.

12. Directors Comments

Director Elliot Mulberg asked if the recommended action language could be changed to be more descriptive as to whether it is an action or information only item. Legal Counsel Ren Nosky will work with the Board Secretary to make suggested change.

13. Closed Session

Nothing to report.

Adjourn to Regular Board Meeting on July 19, 2022.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary

AK/SP

Check History Report

**6/1/2022 to 6/30/2022
Elk Grove Water District**

Check Number	Check Date	Vendor Number	Name	Check Amount	Explanation
055315	6/1/2022	AMAZON	AMAZON CAPITAL SERVICES	59.85	
055316	6/1/2022	BAY 2	BAY ALARM COMPANY	115.00	
055317	6/1/2022	BEN RES	BENEFIT RESOURCE, INC	125.00	
055318	6/1/2022	BG SOLU	SOLUTIONS BY BG INC.	10,177.50	Daily Tasks/Help Tickets
055319	6/1/2022	BRENNTA	BRENNTAG PACIFIC, INC	2,435.06	Materials - Treatment
055320	6/1/2022	BSK4	BSK ASSOCIATES	300.00	Sampling - Treatment
055321	6/1/2022	CAL CUT	CALIFORNIA CUT & CORE, INC	1,187.50	Flat Saw - Asphalt - Adams St. - CIP
055322	6/1/2022	CHI TI	CHICAGO TITLE CO	42.41	Account Closed - Customer Refund
055323	6/1/2022	CINTAS2	CINTAS	171.29	
055324	6/1/2022	COVER A	COVERALL NORTH AMERICA, INC	360.00	
055325	6/1/2022	CR FAT1	FIRST AMERICAN TITLE	32.74	Account Closed - Customer Refund
055326	6/1/2022	CRF HYL	HYLAND WEST	1,118.51	Account Closed - Customer Refund
055327	6/1/2022	CRF LNG	LISA NGUYEN	23.74	Account Closed - Customer Refund
055328	6/1/2022	CRF PKA	PARAMJIT KAUR	127.31	Account Closed - Customer Refund
055329	6/1/2022	D&S DEV	D&S DEVELOPMENT	1,185.42	Account Closed - Customer Refund
055330	6/1/2022	HANFORD	HANFORD SAND & GRAVEL, INC	1,256.38	Materials - Truman St. - CIP
055331	6/1/2022	LCW	LIEBERT CASSIDY WHITMORE	269.50	Legal - May 2022
055332	6/1/2022	PACE	PACE SUPPLY CORP	6,349.56	(5) Invoices - Materials & Supplies - Distribution Crew
055333	6/1/2022	RADIAL	RADIAL TIRE OF ELK GROVE	1,001.27	(3) Invoices - Repairs & Maintenance - OPS
055334	6/1/2022	REPUBLI	REPUBLIC SERVICES #922	3,363.28	
055335	6/1/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055336	6/1/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055337	6/1/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055338	6/1/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055339	6/1/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055340	6/1/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055341	6/1/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055342	6/1/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055343	6/1/2022	SIERRA	SIERRA OFFICE SUPPLIES	63.83	
055344	6/1/2022	SOUTHWE	SOUTHWEST ANSWERING SERVICE,	922.11	
055345	6/1/2022	SWRCB2	SWRCB-DWOCP	60.00	Water Distribution Certification Renewal - Sal Mendoza
055346	6/1/2022	SWRCB2	SWRCB-DWOCP	90.00	Water Distribution Certification Renewal - Jose Mendoza
055347	6/2/2022	METRO2	METRO MAILING SERVICE	3,233.79	Postage - Emergency Drought Stage 2 Mailer
055348	6/8/2022	A.P.TH0	A.P. THOMAS CONSTRUCTION, INC	381,016.15	9829 Waterman Road - Improvements (construction)
055349	6/8/2022	AMAZON	AMAZON CAPITAL SERVICES	117.74	
055350	6/8/2022	BADAWI	BADAWI & ASSOCIATES	11,778.75	FY 2022 Audit - Progress Billing #1
055351	6/8/2022	BATTER	BATTERIES PLUS	180.63	
055352	6/8/2022	BRENNTA	BRENNTAG PACIFIC, INC	1,731.01	Materials - Treatment

*Denotes annual renewal of license, taxes, memberships and subscriptions.

055353	6/8/2022	BSK4	BSK ASSOCIATES	480.50	Sampling - Treatment
055354	6/8/2022	CAP RUB	CAPITAL RUBBER & GASKET	551.80	
055355	6/8/2022	CHECK P	CHECK PROCESSORS, INC	355.60	
055356	6/8/2022	CHIC12	CHICAGO TITLE COMPANY	69.07	Account Closed - Customer Refund
055357	6/8/2022	CINTAS2	CINTAS	550.18	
055358	6/8/2022	COUNTY4	SACRAMENTO COUNTY UTILITIES	78.01	
055359	6/8/2022	COVER A	COVERALL NORTH AMERICA, INC	499.00	
055360	6/8/2022	CR LTI	LENNAR TITLE	352.74	Account Closed - Customer Refund
055361	6/8/2022	CRF BGA	BERTHA GARZA	131.71	Account Closed - Customer Refund
055362	6/8/2022	CRF DCA	DA XI CAI	51.68	Account Closed - Customer Refund
055363	6/8/2022	CRF JCR	JACQUELINE CRIST	38.16	Account Closed - Customer Refund
055364	6/8/2022	CRF MGA	MAUREEN GABRIEL	90.40	Account Closed - Customer Refund
055365	6/8/2022	CRF OPL	OPENDOOR LAB, INC	93.79	Account Closed - Customer Refund
055366	6/8/2022	CRF STC	SPRUCE TITLE CO.	2.94	Account Closed - Customer Refund
055367	6/8/2022	CRF TAY	TAYLOR MORRISON	2.33	Account Closed - Customer Refund
055368	6/8/2022	CRF WWA	WADE WAYLAND	258.45	Account Closed - Customer Refund
055369	6/8/2022	CRFFTC	FIRST AMERICAN TITLE COMPANY	112.61	Account Closed - Customer Refund
055370	6/8/2022	CRPLA9	PLACER TITLE CO	76.53	Account Closed - Customer Refund
055371	6/8/2022	DATAPRO	DATAPROSE LLC	531.21	Buckslip - Low Income Household Water Assistance Program
055372	6/8/2022	DATAPRO	DATAPROSE LLC	160.39	
055373	6/8/2022	DB COLS	DB CONSTRUCTIONAL LANDSCAPE	3,150.00	Landscape & Maintenance - Wellsite's & Offices
055374	6/8/2022	DITCH 3	DITCH WITCH WEST	18.06	
055375	6/8/2022	EARL CO	EARL CONSULTING CO., LLC	4,050.00	Project Management - New ADMIN Building
055376	6/8/2022	EG FORD	ELK GROVE FORD	2,318.52	Repairs & Maintenance - OPS
055377	6/8/2022	FRONT C	FRONTIER COMMUNICATIONS	258.40	
055378	6/8/2022	HANFORD	HANFORD SAND & GRAVEL, INC	2,302.63	(3) Invoices - Materials - Water Main Replacement Project
055379	6/8/2022	HOLY TR	H.T.E.O.C.	620.00	Construction Yard Rental - Adams & Truman St.
055380	6/8/2022	INT STA	INTERSTATE OIL COMPANY	2,394.45	Fuel
055381	6/8/2022	MCCLAT	MCCLATCHY COMPANY LLC	1,604.96	Advertisement for Associate Board Members
055382	6/8/2022	MONTIEL	MICHAEL MONTIEL	77.53	Boot Reimbursement
055383	6/8/2022	OREILLY	O'REILLY AUTO PARTS	33.14	
055384	6/8/2022	PACE	PACE SUPPLY CORP	9,708.83	(10) Invoices - Materials & Supplies - Distribution/Truman St. - CIP
055385	6/8/2022	PIT 5	PURCHASE POWER	520.99	Postage - ADMIN
055386	6/8/2022	POWER S	POWER SERVICES, INC	5,600.00	*Annual Pump Efficiency Testing
055387	6/8/2022	RDO EQU	RDO EQUIPMENT CO.	107.47	
055388	6/8/2022	ROOCO	ROOCO RENTS	1,748.52	Materials & Supplies - Water Main Replacement Project
055389	6/8/2022	S CHEM	SIERRA CHEMICAL COMPANY	7,310.86	(3) Invoices - Materials & Supplies - Water Main Replacement Project
055390	6/8/2022	SIERRA	SIERRA OFFICE SUPPLIES	249.62	
055391	6/8/2022	SMUD	SMUD	2,826.58	
055392	6/8/2022	SMUD	SMUD	2,147.62	
055393	6/8/2022	SMUD	SMUD	10,406.73	
055394	6/8/2022	SMUD	SMUD	8,641.17	
055395	6/8/2022	SMUD	SMUD	1,178.78	
055396	6/8/2022	SMUD	SMUD	50.54	
055397	6/8/2022	SMUD	SMUD	586.13	
055398	6/8/2022	SMUD	SMUD	5,797.89	

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055399	6/8/2022	SMUD	SMUD	1,877.55	
055400	6/8/2022	SMUD	SMUD	87.06	
055401	6/8/2022	TEICH A	TEICHERT AGGREGATES	1,292.74	(3) Invoices - Materials & Supplies - Water Main Replacement Project
055402	6/8/2022	TRE&TRA	TRENCH & TRAFFIC SUPPLY	250.00	
055403	6/8/2022	USABLUE	USABlueBook	373.22	
055404	6/8/2022	USS	UNITED SITE SERVICES	1,129.78	
055405	6/8/2022	VERIZON	VERIZON WIRELESS	677.69	
055406	6/8/2022	WALKER	WALKER KREATIVE	1,800.00	Social Media Public Outreach Campaign
055407	6/8/2022	ACWA JP	ACWA JPIA	900.00	Liability Insurance - Cyber Security
055408	6/8/2022	ACWAJPI	CB&T/ ACWA-JPIA	67,389.74	Medical Benefits - July 2022
055409	6/8/2022	AQUATIC	AQUATIC INFORMATICS INC	11,193.02	*Annual WaterTrax Data Management
055410	6/8/2022	EG MAS	ELK GROVE MASONIC LODGE #173	6,000.00	July 2022 Rent - 9257 Elk Grove Blvd.
055411	6/8/2022	PIT 5	PURCHASE POWER	178.42	VOID
055411	6/8/2022	PIT 5	PURCHASE POWER	178.42-	VOID
055412	6/9/2022	COEG	CITY OF ELK GROVE	256.94	Tenant Improvement Permit 9829 Waterman Road
055413	6/15/2022	BACK TE	BACKFLOW TECHNOLOGIES, INC	1,724.50	Backflow Testing Services
055414	6/15/2022	BG SOLU	SOLUTIONS BY BG INC.	13,447.50	Daily Tasks/Help Tickets
055415	6/15/2022	BRENNTA	BRENTAG PACIFIC, INC	1,225.16	Materials - Treatment
055416	6/15/2022	BSK4	BSK ASSOCIATES	199.50	Sampling - Treatment
055417	6/15/2022	CALIFOR	CALIFORNIA SURVEYING	87.59	
055418	6/15/2022	CCPPM	CCPPM	176.13	
055419	6/15/2022	CINTAS2	CINTAS	171.29	
055420	6/15/2022	CPHILLI	CHRIS PHILLIPS	269.32	Boot Reimbursement
055421	6/15/2022	CR FIT2	FIRST INTEGRITY TITLE COMPANY	48.72	Account Closed - Customer Refund
055422	6/15/2022	CR KAED	KATHLEEN EDDY	355.11	Account Closed - Customer Refund
055423	6/15/2022	CR WHO	WHITE HORSE HOME INC	214.25	Account Closed - Customer Refund
055424	6/15/2022	CRCT1	CHICAGO TITLE CO	10.21	Account Closed - Customer Refund
055425	6/15/2022	CRCT1	CHICAGO TITLE CO	5.71	Account Closed - Customer Refund
055426	6/15/2022	CRCT1	CHICAGO TITLE CO	10.46	Account Closed - Customer Refund
055427	6/15/2022	CRF BMA	BRYAN MAGUIRE	7.37	Account Closed - Customer Refund
055428	6/15/2022	CRF BRM	BRIAN MALLISON	30.11	Account Closed - Customer Refund
055429	6/15/2022	CRF CSM	CHRIS SMITH	231.76	Account Closed - Customer Refund
055430	6/15/2022	CRF DES	DENNIS SUMROW	175.10	Account Closed - Customer Refund
055431	6/15/2022	CRF JPE	JOHN PERRY	20.20	Account Closed - Customer Refund
055432	6/15/2022	CRF KMU	KEVIN MUNDAY	134.28	Account Closed - Customer Refund
055433	6/15/2022	CRF LEN	LENNAR HOMES CA, INC	82.95	Account Closed - Customer Refund
055434	6/15/2022	CRF LEN	LENNAR HOMES CA, INC	124.39	Account Closed - Customer Refund
055435	6/15/2022	CRF NDA	NICK DALEO	317.53	Account Closed - Customer Refund
055436	6/15/2022	CRF PAG	PAUL GOETZ	129.07	Account Closed - Customer Refund
055437	6/15/2022	CRF PLA	PLACER TITLE COMPANY	0.15	Account Closed - Customer Refund
055438	6/15/2022	CRF RMO	RICK MODE	104.37	Account Closed - Customer Refund
055439	6/15/2022	CRF SLA	SUN LAU	66.91	Account Closed - Customer Refund
055440	6/15/2022	CRF SPH	SIGNPOST HOMES, INC	231.73	Account Closed - Customer Refund
055441	6/15/2022	CRF TAY	TAYLOR MORRISON	640.64	Account Closed - Customer Refund
055442	6/15/2022	CRF TAY	TAYLOR MORRISON	3.20	Account Closed - Customer Refund
055443	6/15/2022	CRF THN	THUAN NGUYEN	21.01	Account Closed - Customer Refund

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055444	6/15/2022	CRF UMA	UMER F. MALIK	58.67	Account Closed - Customer Refund
055445	6/15/2022	CRFFID1	FIDELITY NATIONAL TITLE	75.60	Account Closed - Customer Refund
055446	6/15/2022	CRFFTC	FIRST AMERICAN TITLE COMPANY	16.04	Account Closed - Customer Refund
055447	6/15/2022	CS AA	CARD SERVICES	875.72	Training, Materials, Supplies
055448	6/15/2022	CS BK	CARD SERVICES	110.86	Meals, Supplies, Parking, Software Program
055449	6/15/2022	CS BV	CARD SERVICES	1,920.31	Education Training, Meals
055450	6/15/2022	CS DM	CARD SERVICES	10.01	Monthly Software Program
055451	6/15/2022	CS SH	CARD SERVICES	552.60	Certification Renewal, Materials, Tools
055452	6/15/2022	CS SP	CARD SERVICES	2,056.90	Storage Rental's, Materials, Supplies, Software Program
055453	6/15/2022	CS SS	CARD SERVICES	784.79	Materials, Supplies
055454	6/15/2022	CS TF	CARD SERVICES	60.00	ACWA - Parking
055455	6/15/2022	DATAPRO	DATAPROSE LLC	755.81	Buckslip - Attention Expiration of Water Shutoff Moratorium
055456	6/15/2022	FREDER	DAVID FREDERICK	350.00	Boot Reimbursement
055457	6/15/2022	HANFORD	HANFORD SAND & GRAVEL, INC	1,485.00	(2) Invoices - Materials - Water Main Replacement Project
055458	6/15/2022	INLAND2	INLAND BUSINESS SYSTEMS	874.00	
055459	6/15/2022	J MELLO	JUSTIN MELLO	129.00	Safety Glasses Reimbursement
055460	6/15/2022	JRG	JRG ATTORNEYS, LLP	1,530.00	Legal - May 2022
055461	6/15/2022	KAISER3	THE PERMANENTE MEDICAL	230.00	
055462	6/15/2022	NORCAL	NOR*CAL ASPHALT	99,483.00	Resurfacing Kelsey and Sharkey Dr - CIP
055463	6/15/2022	RADIAL	RADIAL TIRE OF ELK GROVE	20.00	
055464	6/15/2022	RBI	ROBERTSON-BRYAN, INC	801.00	2020 - 2022 CCRs & 2022 PHG Report
055465	6/15/2022	SAC 5	SACRAMENTO COUNTY	20.00	
055466	6/15/2022	ULTRA	ULTRA TRUCK WORKS, INC	280.49	
055467	6/15/2022	WILSON	MARCELL WILSON	226.26	Boot Reimbursement
055468	6/15/2022	BONY2	THE BANK OF NEW YORK MELLON	2,223.00	Bond Administration Annual Fees 2022-2023
055469	6/15/2022	LANSET	LANSET AMERICA	1,339.81	Storage Rental's, Materials, Supplies, Software Program
055470	6/15/2022	PIT 6	PITNEY BOWES GLOBAL FINANCIAL SERVICES LLC	178.42	
055471	6/22/2022	BAY 3	BAY ALARM COMPANY	215.00	
055472	6/22/2022	BSK4	BSK ASSOCIATES	636.50	Sampling - Treatment
055473	6/22/2022	CASTEAM	CALIFORNIA STEAM	87.28	
055474	6/22/2022	CCPPM	CCPPM	108.29	
055475	6/22/2022	CINTAS2	CINTAS	171.29	
055476	6/22/2022	CITY RI	CITY RISE, LLC	2,726.00	(2) Invoices - Traffic Control on Kelsey Dr.
055477	6/22/2022	COUNTY4	SACRAMENTO COUNTY UTILITIES	288.23	
055478	6/22/2022	CRCT1	CHICAGO TITLE CO	90.77	Account Closed - Customer Refund
055479	6/22/2022	CRFFTC	FIRST AMERICAN TITLE COMPANY	84.39	Account Closed - Customer Refund
055480	6/22/2022	CRFOCT2	ORANGE COAST TITLE CO.	33.59	Account Closed - Customer Refund
055481	6/22/2022	CUST LO	CUSTOM LOGOS	633.49	Hats - OPS
055482	6/22/2022	HANFORD	HANFORD SAND & GRAVEL, INC	4,513.69	(2) Invoices - Materials - Truman St. - CIP
055483	6/22/2022	JAYS	JAY'S TRUCKING SERVICE	4,024.90	(3) Invoices - Materials & Supplies - CIP
055484	6/22/2022	LAKE V	LAKE VUE ELECTRIC, INC	748.00	Repairs & Maintenance - MOC
055485	6/22/2022	METRO2	METRO MAILING SERVICE	2,105.16	Printing - Emergency Drought Stage2 Mailer
055486	6/22/2022	MFDB AC	MFDB ARCHITECTS INC.	4,857.14	EGWD Administration Building Tenant Improvements
055487	6/22/2022	PACE	PACE SUPPLY CORP	1,437.96	(4) Invoices - Materials & Supplies - Truman St. - CIP
055488	6/22/2022	PG&E	PACIFIC GAS & ELECTRIC COMPANY	8.02	

*Denotes annual renewal of license, taxes, memberships and subscriptions.

055489	6/22/2022	PG&E	PACIFIC GAS & ELECTRIC COMPANY	15.63	
055490	6/22/2022	QUAL SO	QUALITY SOUND	33,122.38	(2) Invoices - ADMIN/BOARD Room 9829 Waterman Road
055491	6/22/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055492	6/22/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055493	6/22/2022	SIERRA	SIERRA OFFICE SUPPLIES	384.16	
055494	6/22/2022	TEICH A	TEICHERT AGGREGATES	152.45	
055495	6/22/2022	ULTRA	ULTRA TRUCK WORKS, INC	53.88	
055496	6/22/2022	USBANK	U.S. BANK EQUIPMENT FINANCE	752.14	Copier - ADMIN
055497	6/22/2022	WILSON	MARCELL WILSON	123.74	VOID
055497	6/22/2022	WILSON	MARCELL WILSON	123.74-	VOID
055498	6/22/2022	BAY 3	BAY ALARM COMPANY	93.40	
055499	6/22/2022	COS WEB	COUNTY OF SACRAMENTO	2,835.03	*Annual Web GIS
055500	6/22/2022	WILSON	MARCELL WILSON	123.74	Boot Reimbursement
055501	6/29/2022	A.P.TH0	A.P. THOMAS CONSTRUCTION, INC	511,101.60	9829 Waterman Road - Improvements (construction)
055502	6/29/2022	AMAZON	AMAZON CAPITAL SERVICES	494.10	
055503	6/29/2022	AQUA ME	AQUA-METRIC SALES, CO.	3,191.67	Meters - Distribution
055504	6/29/2022	ARBOR	ARBOR TECH SERVICES	2,500.00	Tree Services - 9205 Meadow Grove Dr.
055505	6/29/2022	B KENT	BRANDON KENT	350.00	Boot Reimbursement
055506	6/29/2022	BAY 3	BAY ALARM COMPANY	16,228.12	Video Monitoring Equipment - MOC
055507	6/29/2022	BG SOLU	SOLUTIONS BY BG INC.	9,837.50	Daily Tasks/Help Tickets
055508	6/29/2022	BRENNTA	BRENTAG PACIFIC, INC	2,267.82	Materials - Treatment
055509	6/29/2022	BSK4	BSK ASSOCIATES	48.00	Sampling - Treatment
055510	6/29/2022	CINTAS2	CINTAS	171.29	
055511	6/29/2022	COEG	CITY OF ELK GROVE	704.26	General District Maintenance
055512	6/29/2022	CRF AUH	AUSTIN UHRI	64.99	Account Closed - Customer Refund
055513	6/29/2022	CRF KBA	KIRIN K. BASUTA	27.43	Account Closed - Customer Refund
055514	6/29/2022	CRF LFO	LAURENE FORBES	443.90	Account Closed - Customer Refund
055515	6/29/2022	CRF YXI	YANG XIONG	844.00	Account Closed - Customer Refund
055516	6/29/2022	CRFCORT	CORNERSTONE TITLE	265.10	Account Closed - Customer Refund
055517	6/29/2022	CRFCVE	CENTRAL VALLEY ENGINEERING &	2,745.28	Account Closed - Customer Refund
055518	6/29/2022	FRONT C	FRONTIER COMMUNICATIONS	257.58	
055519	6/29/2022	INT STA	INTERSTATE OIL COMPANY	4,586.85	(2) Invoices - Fuel
055520	6/29/2022	LCW	LIEBERT CASSIDY WHITMORE	98.00	Legal - May 2022
055521	6/29/2022	LIGHTSP	LIGHTSPEED SERVICES INC	10,909.12	Fiber Optic Project 9829 Waterman Road
055522	6/29/2022	MENDOZA	SALVADOR MENDOZA	350.00	Boot Reimbursement
055523	6/29/2022	NORCAL	NOR*CAL ASPHALT	19,001.00	Parking Lot Resealed at MOC
055524	6/29/2022	OREILLY	O'REILLY AUTO PARTS	30.15	
055525	6/29/2022	PAVE CO	PAVEMENT COATINGS	2,741.43	Construction Meter Refund
055526	6/29/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055527	6/29/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055528	6/29/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055529	6/29/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055530	6/29/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055531	6/29/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055532	6/29/2022	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
055533	6/29/2022	SAC ALA	SACRAMENTO VALLEY ALARM	155.00	

*Denotes annual renewal of license, taxes, memberships and subscriptions.

			SECURITY SYSTEMS, INC	
055534	6/29/2022	SIERRA	SIERRA OFFICE SUPPLIES	334.53
055535	6/29/2022	SOUTHWE	SOUTHWEST ANSWERING SERVICE,	1,152.30
055536	6/29/2022	TEICH A	TEICHERT AGGREGATES	735.33
055537	6/29/2022	ULTRA	ULTRA TRUCK WORKS, INC	6.25
055538	6/29/2022	WOOD RO	WOOD RODGERS	18,516.25
055539	6/29/2022	CSD	COSUMNES COMMUNITY SERVICES	100.00
			Total:	<u>1,407,934.46</u>

Materials & Supplies - Water Main Replacement Project

Well Site Study Project

Geat Pumpkin Festival Registration 2022

*Denotes annual renewal of license, taxes, memberships and subscriptions.

BOARD AND EMPLOYEE MONTHLY EXPENSE/REIMBURSEMENTS

As of 06/30/2022

INDIVIDUAL	DESCRIPTION	AMOUNT PAID
Dave Frederick	Boot Reimbursement	\$350.00
Sean Hinton	Certification Renewal - Renewal Cross Connection Specialist	\$120.00
Brandon Kent	Boot Reimbursement	\$350.00
Justin Mello	Safety Glasses Reimbursement	\$129.00
Sal Merndoza	Boot Reimbursement	\$350.00
Sal Merndoza	Training Operator Continuing Education	\$125.00
Chris Phillips	Boot Reimbursement	\$269.32
Marcell Wilson	Boot Reimbursement	\$226.26
Marcell Wilson	Boot Reimbursement	\$123.74
Ben Voelz	On Duty Education	\$1,890.00
		\$3,933.32

Active Account Information
As of 06/30/2022

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	12,305	12,318	12,300	12,309	12,299	12,312	12,300	12,293	12,312	12,297	12,293	12,314
Commercial	362	363	362	362	362	363	362	362	362	366	361	361
Irrigation	183	183	183	183	183	183	184	184	185	186	184	185
Fire Service	183	183	183	183	183	184	184	184	185	188	185	186
Total Accounts	13,033	13,047	13,028	13,037	13,027	13,042	13,030	13,023	13,044	13,037	13,023	13,046

Active Account Information
FY 2020/2021

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	12,161	12,163	12,308	12,294	12,295	12,311	12,292	12,291	12,298	12,301	12,309	12,317
Commercial	363	363	364	363	362	363	361	363	363	362	362	362
Irrigation	178	178	178	181	180	180	181	181	183	184	183	182
Fire Service	180	180	181	182	180	180	180	181	183	183	182	182
Total Accounts	12,882	12,884	13,031	13,020	13,017	13,034	13,014	13,016	13,027	13,030	13,036	13,043

**Bond Covenant Status
For Fiscal Year 2021-22
As of 06/30/2022**

Operating Revenues:	
Charges for Services	\$ 16,106,779
 Operating Expenses:	
Salaries & Benefits	3,796,080
Seminars, Conventions and Travel	16,693
Office & Operational	1,068,816
Purchased Water	3,187,745
Outside Services	785,483
Equipment Rent, Taxes, and Utilities	513,988
Total Operating Expenses	9,368,804
 Net Operating Income	 \$ 6,737,974
 Annual Interest & Principal Payments	
\$3,882,499	\$ 3,882,499 (1)
 Debt Service Coverage Ratio, YTD Only:	 1.74
 Required	 1.15

Notes

1. Reflects budget divided by number of months year to date.
However, first Principal/Interest Payments made in September.
Projected Annual Budget Coverage Ratio is **1.26**

**CASH - Detail Schedule of Investments
As of 6/30/2022**

<u>G/L Account : Fund</u>	<u>Account number / name</u>	<u>Investment Name</u>	<u>Investment Type</u>		<u>Restrictions</u>	<u>Market Value</u>
HELD BY BOND TRUSTEE:						
1110-000-20 Water	BNY 892744 FRCD 2014A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund		Restricted	0.00
1112-000-20 Water	BNY 743850 FRCD 2016A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund		Restricted	0.00
					Subtotal	\$ -
1001-000-20 Water	Cash on Hand				Unrestricted	\$ 300.00
HELD BY F&M BANK:						
1011-000-10 FRCD	F&M 08-032009-01 CHECKING ACCOUNT				Unrestricted	109.26
1011-000-20 Water	F&M 08-032017-01 OPERATING ACCOUNT				Unrestricted	4,723,825.02
1084-000-20 Water	F&M 08-03201702-31 MONEY MARKET			0.25%	Unrestricted	100,824.57
1031-000-20 Water	F&M 08-032912-01 CREDIT CARD ACCOUNT				Unrestricted	1,054,749.67
1061-000-20 Water	F&M 08-032890-01 PAYROLL ACCOUNT				Unrestricted	55,969.53
1071-000-20 Water	F&M 08-032920-01 DRAFTS ACCOUNT				Unrestricted	660,807.96
					Subtotal	\$ 6,596,286.01
INVESTMENTS						
1080-000-20 Water	Office of the Treasurer - Sacramento California	LAIF	Investment Pool	0.68%	Unrestricted	\$ 5,481,141.93
1081-000-20 Water	CALTrust Medium Term		Investment	0.33%	Unrestricted	\$ 1,340,835.19

<u>1082-000-20 Water</u>	<u>PURCHASE DATE</u>	<u>CUSIP</u>	<u>ISSUED BY</u>	<u>CALL DATE</u>	<u>MATURITY DATE</u>	<u>% of Portfolio</u>	<u>Current Yield</u>	<u>COST BASIS</u>	<u>MARKET VALUE</u>
	9/30/2016	N/A	US Bank	N/A	N/A	1.40%	0.18%	\$ 51,571.25	\$ 51,571.25
	11/19/2020	3135GA5H0	Federal Home Loan (FHLB)	07/10/20 - qrtly	11/25/2025	24.40%	0.630%	\$ 1,000,000.00	919,780.00
	7/31/2020	3133ELQ56	Federal Home Loan (FHLB)	11/25/20 - qrtly	7/2/2024	25.20%	0.600%	\$ 1,000,000.00	950,530.00
	7/29/2021	3133EMT36	Federal Home Loan (FHLB)	04/15/26- qrtly	4/26/2026	24.40%	0.940%	\$ 1,000,000.00	920,540.00
	7/31/2020	3136G4YP2	Federal Natl MTG ASSN	07/09/2021 - qrtly	7/9/2025	24.70%	0.770%	\$ 1,000,000.00	932,580.00
								\$ 4,051,571.25	\$ 3,775,001.25

YTM = Yield to Maturity
qtrly = quarterly
cont. = continuous

Total	\$ 17,193,564.38
Total Restricted	\$ -
Total Unrestricted	\$ 17,193,564.38

<u>Call Date</u>	<u>CUSIP</u>	<u>Issued by:</u>	<u>Call Date</u>	<u>Maturity Date</u>	<u>Interest Rate</u>	<u>YTM</u>	<u>Price</u>	<u>Market Value</u>
							\$ -	\$ -

Authorized Signers
Bruce Kamilos
Patrick Lee
Donella Murillo
Stefani Phillips

\$ -

Consultant Expenses

As of 06/30/2022

Fiscal Retainer Contracts

Consultant	Description	Total Contract	Current Month	Paid to date	2021-2022 FY Budget	Percent of year (100%)
JRG Attorneys, LLP	Task orders	TBD	\$ 1,530	\$ 22,453		
Somach Simmons & Dunn	Task orders	TBD	\$ -	\$ -		
BAKER MANOCK & JENSEN	Task orders	TBD	\$ -	\$ -		
Liebert Cassidy Whitmore	Task orders	TBD	\$ 368	\$ 9,293		
Murphy Austin Adams	Task orders	TBD	\$ -	\$ 1,655		
Total			\$ 1,898	\$ 33,401	\$ 175,000	19.09%
Solutions by BG, Inc.	Task orders	792,676	\$ 33,463	\$ 277,911	\$ 274,600	101.21%

Major Contracts

Consultant	Description	Total Contract	Paid to date	2021-2022 FY Budget	Percent of Contract
*Earl Consulting	PSA	\$ 78,000	\$ 4,050	\$ 62,869	80.60%
**MFDB Architects	PSA	\$ 205,270	\$ 4,857	\$ 184,999	90.12%
Stantec Consulting	PSA	\$ 98,212	\$ -	\$ 76,490	77.88%
***Tully & Young	PSA	\$ 79,970	\$ -	\$ 79,856	99.86%
A.P. Thomas (Pre Construction)	PSA	\$ 39,108	\$ -	\$ 37,153	95.00%
A.P. Thomas (Construction)	PSA	\$ 2,554,565	\$ 892,118	\$ 1,609,271	63.00%
****Flowline	Construction	\$ 665,157	\$ -	\$ 665,147	100.00%
Arrow Drillers	Construction	\$ 290,547	\$ -	\$ 290,534	100.00%
		\$ 4,010,829	\$ 901,025	\$ 3,006,319	74.96%

on 2/25/22. Original Contract amount was \$40,000.

**Change Order to Amend Contract for an additional \$12,770.00. Original Contract amount was \$192,500.

***Change Order to Amend Contract for an additional \$1470.00. Original Contract amount was \$78,500.00

****Change Order to Amend Contract for an additional \$43,081.41. Original Contract amount was \$622,075.42.

**Major Capital Improvement Project
Budget vs Actuals
As of 6/30/2022**

Capital Project	Total Project Budget	Total Project Exp to Date	Percent Spent	Capitalized Labor	Fund Type	Project Type	Jun			YTD % Spent
							2021-22 Budget	Project Exp	Total YTD (1)	
Backyard Water Mains/Service Replacement	1,500,000	1,447,250	96.48%	\$ 224,606	R&R	Supply/Distribution	\$ 1,500,000	\$ 111,463	\$ 1,447,250	96.48%
2nd Ave Water Main	86,000	2,686	3.12%	2,436	R&R	Supply/Distribution	86,000	2,686	2,686	3.12%
Truman St/Adams St Water Main	244,000	252,816	103.61%	106,018	R&R	Supply/Distribution	244,000	66,325	252,816	103.61%
Well Rehabilitation Program	75,000	55,017	73.36%	-	R&R	Supply/Distribution	75,000	-	55,017	73.36%
PLC Bucket Replacements	50,000	21,143	42.29%	-	R&R	Treatment	50,000	-	21,143	42.29%
Pavement Repair and Coat Seal	25,000	19,001	76.00%	-	R&R	Building and Site	25,000	19,001	19,001	76.00%
Service Line Replacements	100,000	13,373	13.37%	-	CIP	Supply/Distribution	100,000	-	13,373	13.37%
Brinkman Transmission Main	42,000	-	0.00%	-	CIP	Supply/Distribution	42,000	-	-	0.00%
Chlorine Analyzers Shallow Wells	70,000	9,067	12.95%	-	CIP	Treatment	70,000	-	9,067	12.95%
Well 4D Radio Antenna	35,000	-	0.00%	-	CIP	Treatment	35,000	-	-	0.00%
9829 Waterman Rd	3,238,028	1,947,855	60.16%	-	CIP	Building and Site	3,238,028	945,302	1,947,855	60.16%
Fiber Optic Cable	300,000	300,509	100.17%	-	CIP	Building and Site	300,000	-	300,509	100.17%
Digital Data Collector & GPS Rover	23,000	19,520	84.87%	-	CIP	Building and Site	23,000	-	19,520	84.87%
Compact Loader with Cold Plate	105,000	98,308	93.63%	-	CIP	Building and Site	105,000	-	98,308	93.63%
Unforeseen Capital Projects	100,000	62,473	62.47%	-	-	-	100,000	-	62,473	62.47%
Sub-Total	\$ 5,993,028	\$ 4,249,018	70.90%	\$ 333,060			\$ 5,993,028	\$ 1,144,777	\$ 4,249,018	70.90%

(1) Includes \$333,060 in capitalized labor through 06/30/2022

(2) Includes unforeseen capital projects, including:

Well logging services for Well 11D Rehab	775
Pacific Survey - Well 11D Survey	3,790
Longmire Swaging - Well 11D Video Survey	16,300
Arrow Construction - Concrete work Camden	19,845
Eaton Pumps - Well 11D	21,763
Total	\$ 62,473

July 19, 2022

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Bruce Kamilos, General Manager
SUBJECT: **GROUNDWATER WORKSHOP – GROUNDWATER RECHARGE PILOT PROJECT**

RECOMMENDATION

This item is presented to the Florin Resource Conservation District Board of Directors for information only.

SUMMARY

Staff will present a series of short workshops to the Florin Resource Conservation District/Elk Grove Water District (District) Board of Directors (Board) on important regional issues related to groundwater sustainability. This month's topic is Groundwater Recharge Pilot Project.

DISCUSSION

Background

At the January 18, 2022 board meeting, the Board agreed that it would be a good idea to have staff present a series of short workshops to educate the Board on important regional issues related to groundwater sustainability.

Present Situation

This month's workshop is on the topic of Groundwater Recharge Pilot Project.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

July 19, 2022

GROUNDWATER WORKSHOP – GROUNDWATER RECHARGE PILOT PROJECT

Page 2

STRATEGIC PLAN CONFORMITY

This item conforms to Strategic Goal 7, Water Industry Leadership, of the District's 2020-2025 Strategic Plan. Understanding the important issues that face the water industry in our region and the state allows the Board to make informed decisions around issues.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "B. M. Kamilos".

BRUCE KAMILOS
GENERAL MANAGER

Groundwater Recharge Pilot Project

Promoting South American
Subbasin Sustainability

Florin Resource Conservation District / Elk Grove
Water District Board Meeting

July 19, 2022

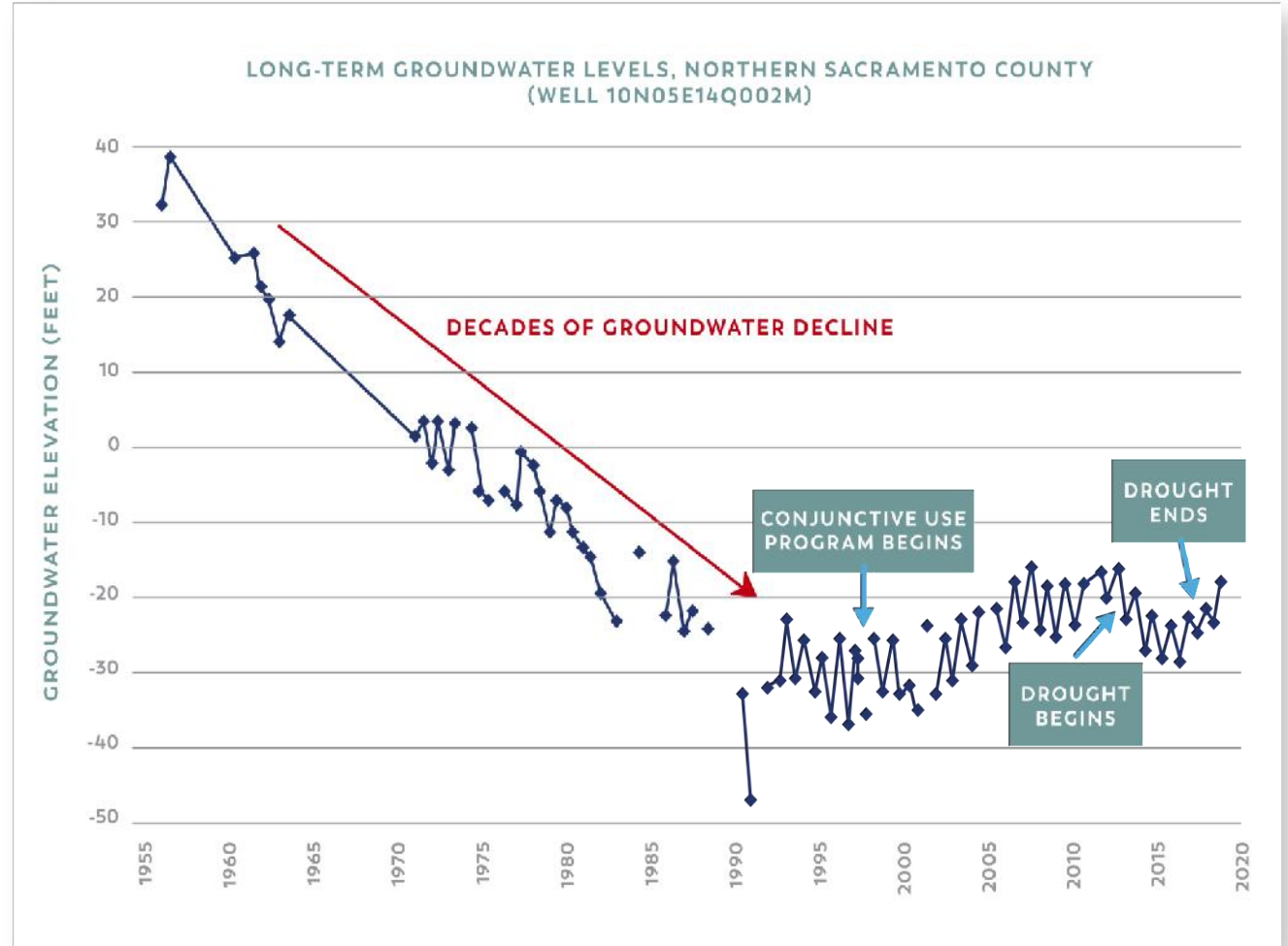


Groundwater Recharge Pilot Project Overview

- 💧 Helps achieve groundwater sustainability in South American Subbasin (SASb)
 - ❑ Direct groundwater recharge as opposed to in-lieu groundwater recharge
- 💧 Produces multiple public benefits
 - ❑ Groundwater restoration
 - ❑ Flood protection
 - ❑ Climate resiliency
- 💧 Joint effort of SASb stakeholders
 - ❑ Led by FRCD/EGWD
 - ❑ Supported by Cities of Folsom, Sacramento, County of Sacramento, Golden State Water, Sacramento Area Flood Control Agency (SAFCA)

SASb Needs Projects for the Future

- Currently operating at a sustainable level
 - Historical trend line of groundwater table level shows this (+2,200 AFY)
- Projects that add groundwater volume to SASb needed to support future growth
 - With climate change, projected -6,200 AFY

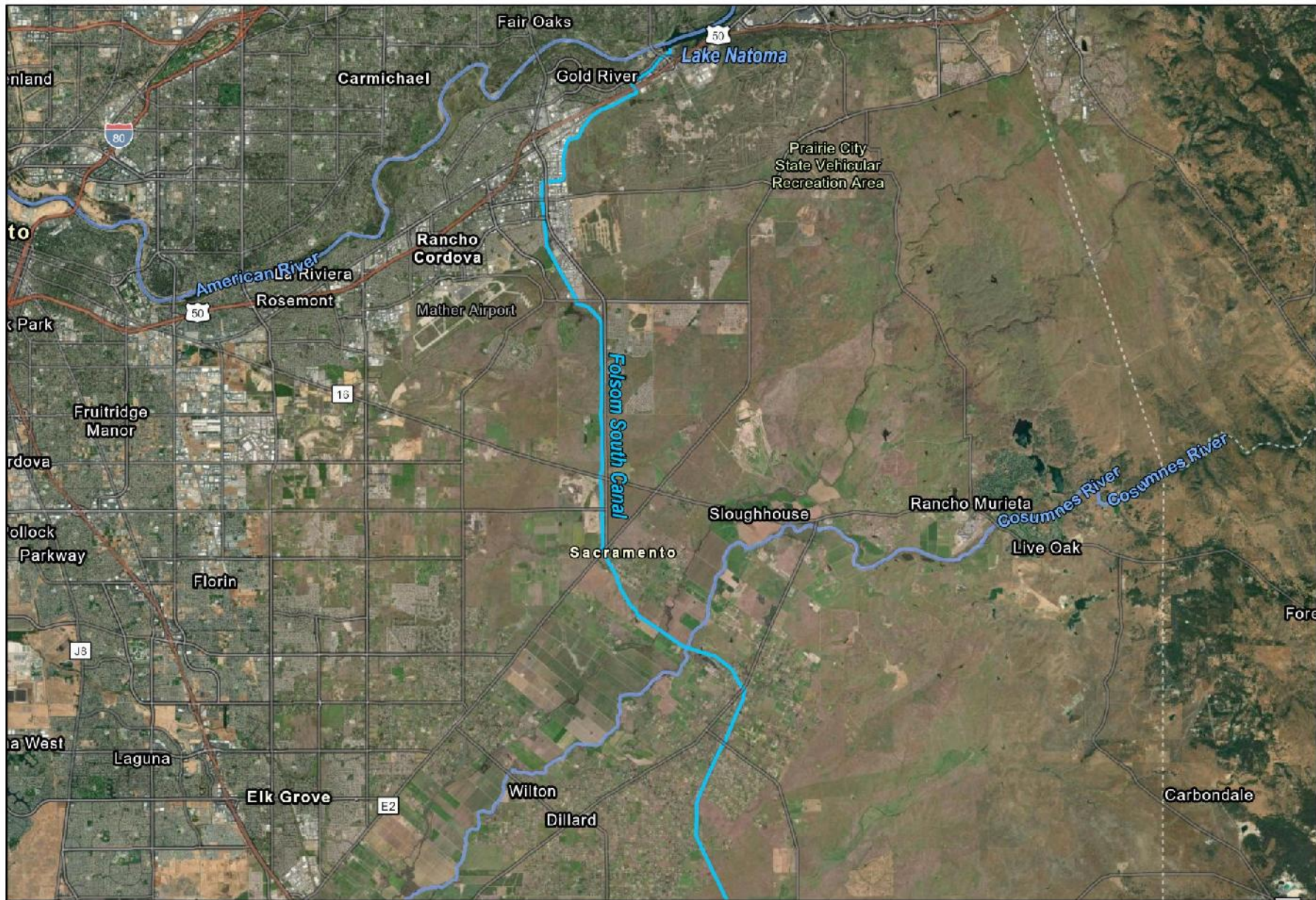


Importance of Project Multiple Benefits

- 💧 Harvest excess storm water flows
 - ❑ Flood protection
 - ❑ Groundwater restoration
 - ❑ Ultimately must determine water volumes that can be harvested while protecting ecosystem
 - ❑ Potential tool to increase resiliency against climate change

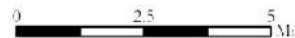
Folsom South Canal

- Importance of Project site proximity to Folsom South Canal
- Owned and operated by the United States Bureau of Reclamation
- Provides water to approx. 7,000 acres of farmland
- Also connected to Mokelumne Aqueduct which provides water to S.F. Bay Area's water supply



- Canals
- Rivers

Folsom South Canal



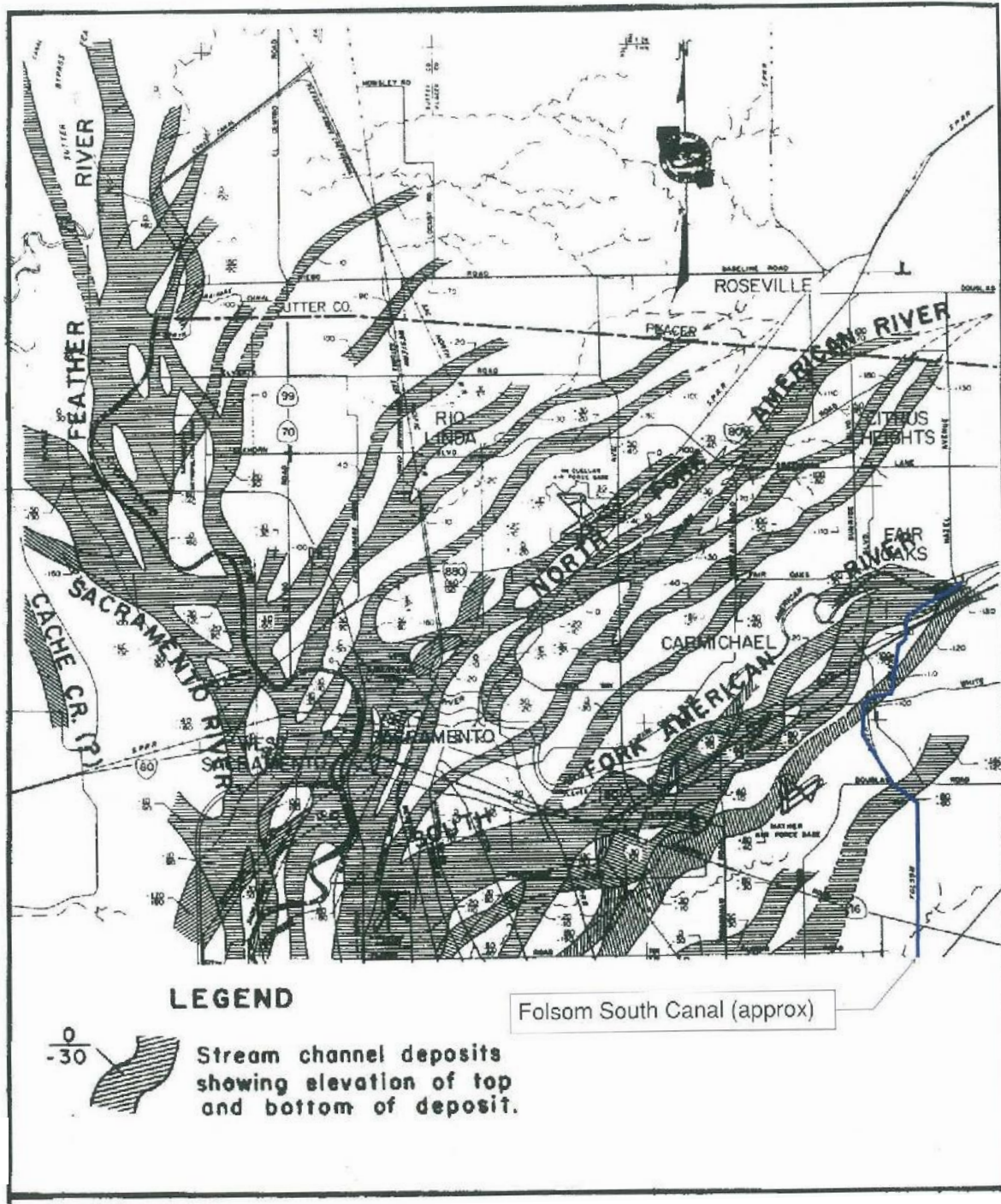
Courtesy of Sacramento, California State Parks, Esri, HERE, Garmin, SafeCeph, MEIT/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, Earthstar Geographics, County of Sacramento, California State Parks, Esri, HERE, Garmin, SafeCeph, GeoTechnologies, Inc, MEIT/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, Esri, HERE, Garmin, Esri/

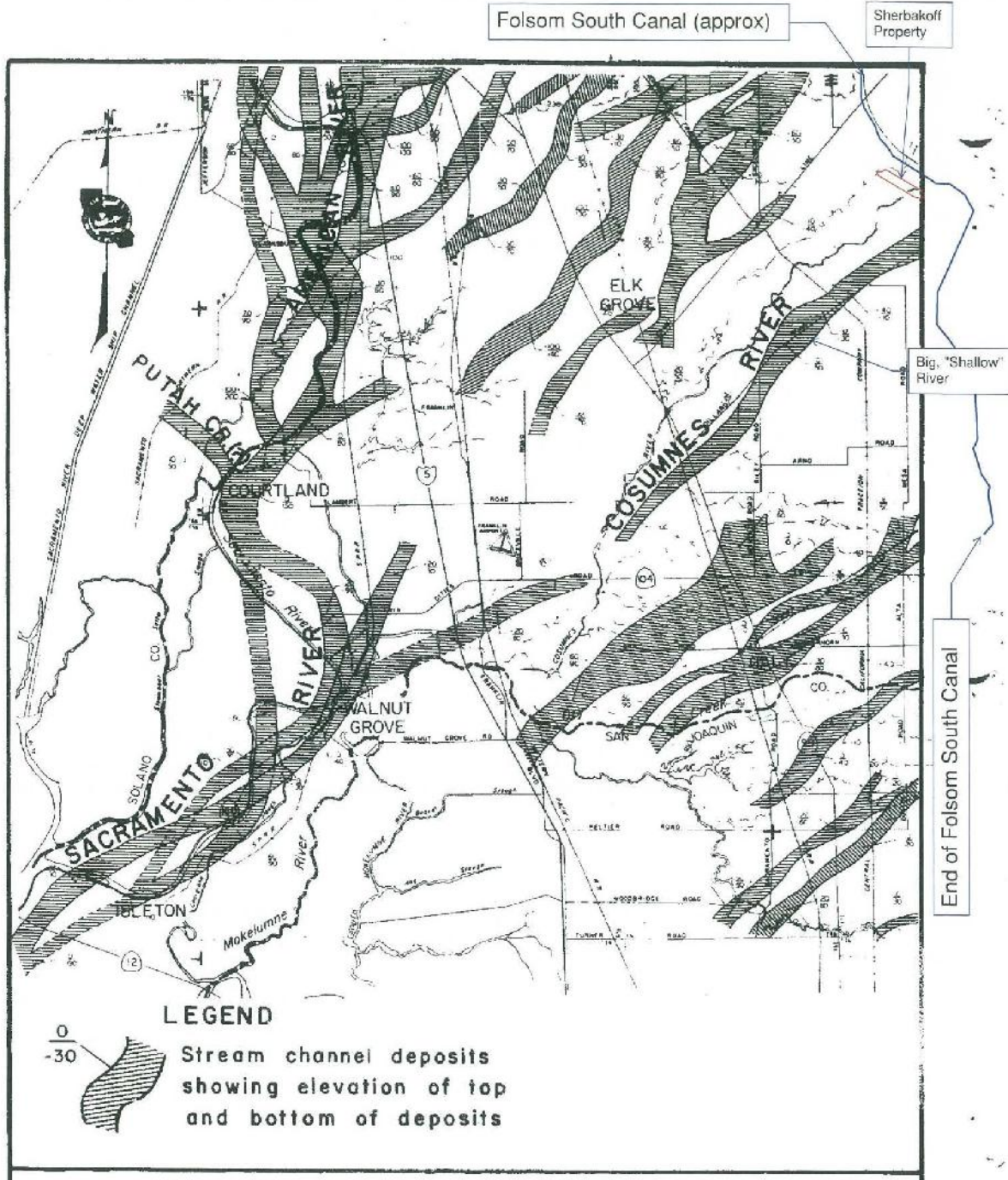
Pilot Project will assess viability of recharging directly to groundwater subbasin

- 💧 Highly permeable soils?
 - ☐ Ancient underground riverbeds
- 💧 What type of well?
 - ☐ Large caisson well; i.e., Raney well
 - ☐ Dry wells
- 💧 Water quality monitoring

Ancient Underground Riverbeds

North Area of Sacramento County





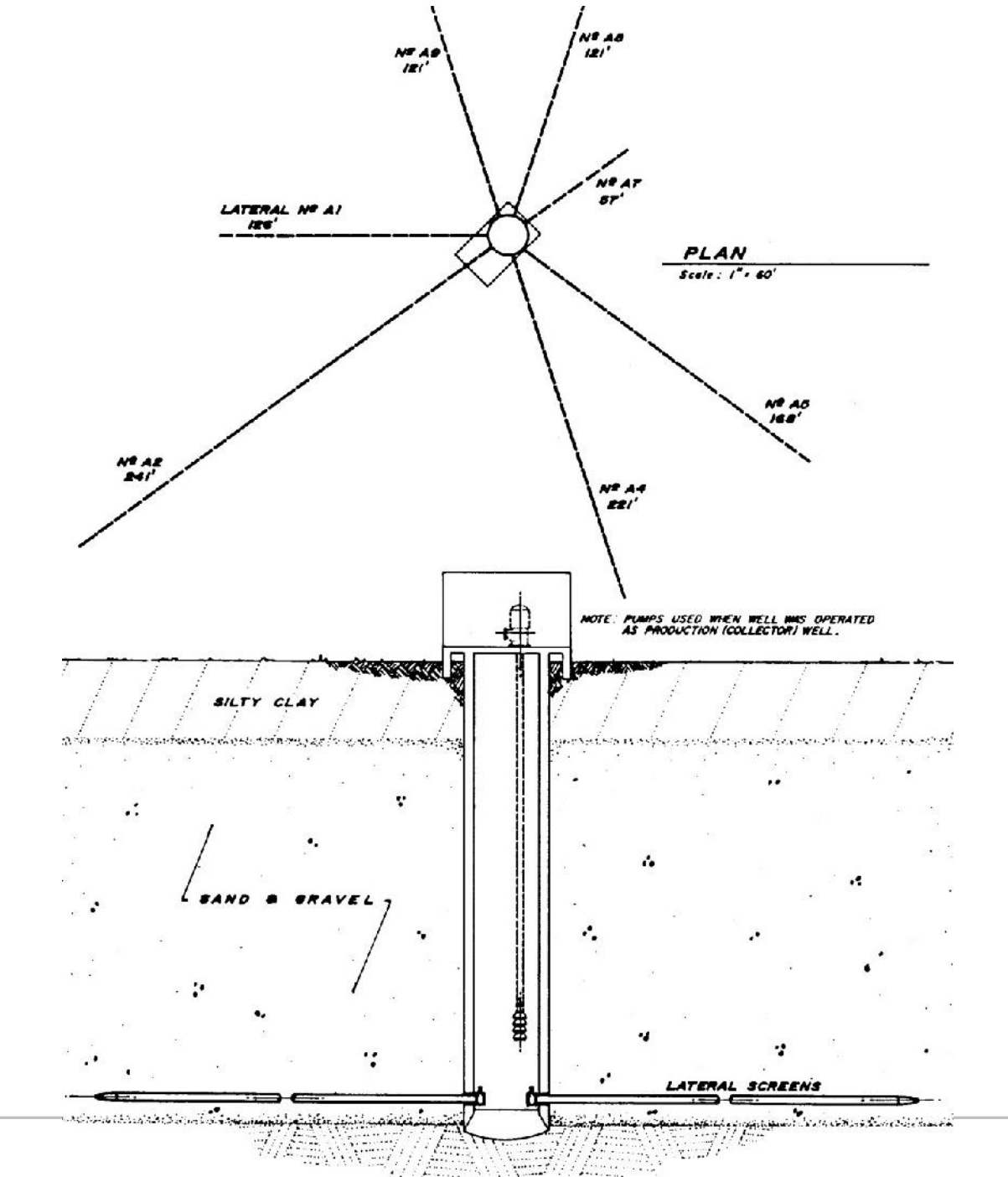
Ancient Underground Riverbeds

South Area of Sacramento County

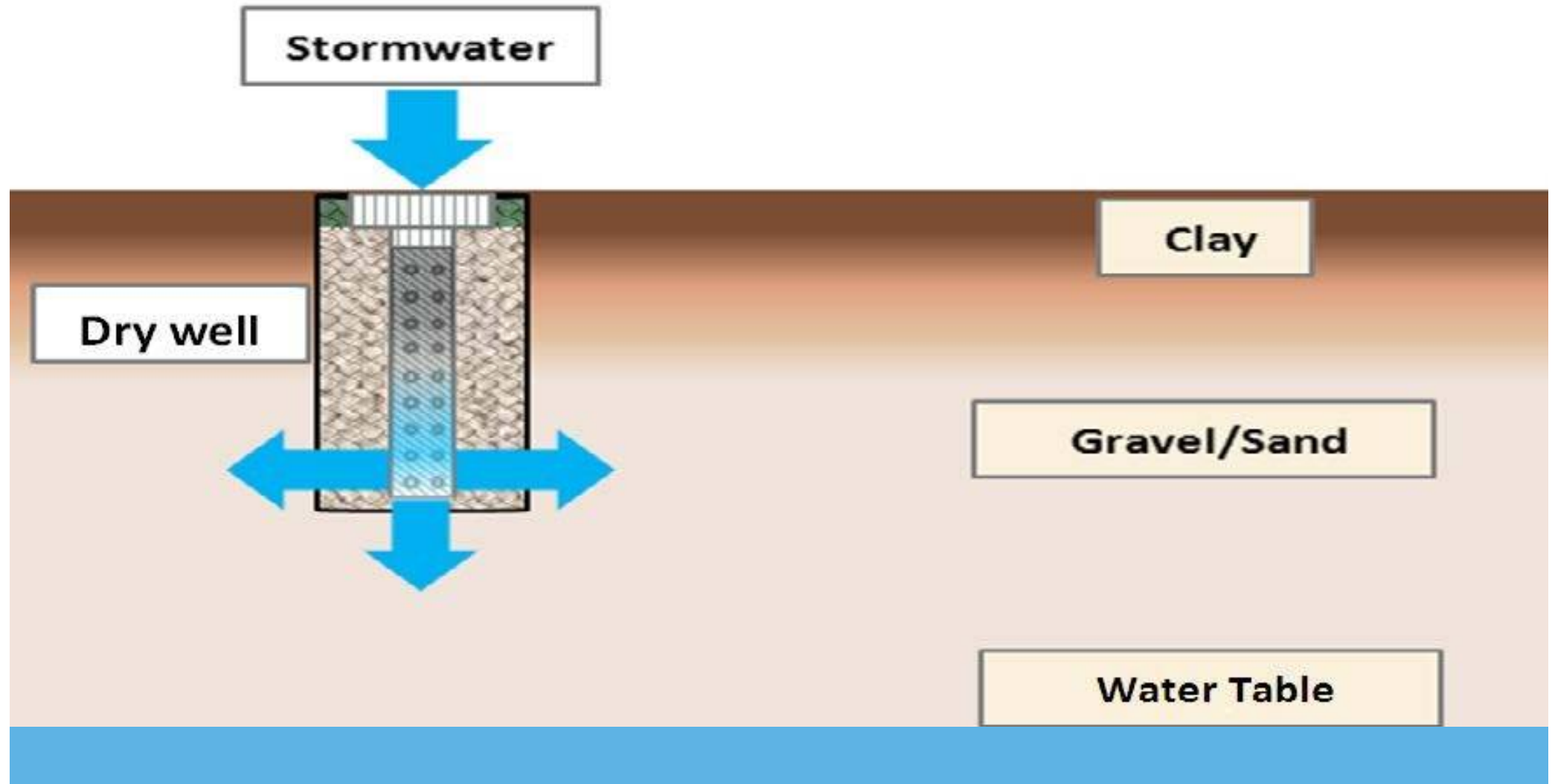
Types of Direct Recharge Well

- 💧 Large Caisson Well; i.e., Raney Well
 - ❑ Direct recharge of untreated water by gravity flow
 - ❑ Large diameter (only one well required?)
 - ❑ Potential for high flow rate
 - ❑ Potential for less clogging resulting in lower operating costs?
- 💧 Dry Well
 - ❑ Direct recharge of untreated water by gravity flow
 - ❑ Small diameter (multiple wells required)
 - ❑ Lower flow rate per well
 - ❑ Potential clogging issues resulting in higher operating costs

Large Caisson Well/ Raney Well



Dry Well



Status of Pilot Project

- Woodard & Curran performing desktop study
 - Preparing pilot project scope of work
- Scope of work to be packaged with grant application
 - 2nd Round of DWR SGMA grants in late 2022 or early 2023
- SAFCA providing funding for Woodard & Curran work

What's Next?

- Submit grant application to DWR for pilot project
- Construct pilot project if grant received
- If pilot project successful, pursue a full-scale project
- If pilot project unsuccessful, work with respect to this specific project would end

July 19, 2022

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Treasurer

SUBJECT: **ELK GROVE WATER DISTRICT FISCAL YEAR 2021-22 QUARTERLY OPERATING BUDGET STATUS REPORT**

RECOMMENDATION

This item is presented for discussion purposes only. No action by the Florin Resource Conservation District Board of Directors is requested at this time.

SUMMARY

Staff is presenting the quarterly budget status report through the fourth quarter of fiscal year 2021-22. This report is to keep the Florin Resource Conservation District (District) Board of Directors (Board) and the public informed on the financial status of the Elk Grove Water District (EGWD).

DISCUSSION

Background

On June 15, 2021, the Board approved the District's Fiscal Year (FY) 2021-22 Operating Budget. The adopted budget projects total revenues of approximately \$15.7 million and total expenditures of approximately \$19.7 million, including appropriations into the District's FY 2021-22 Capital Improvement Program (CIP) reserves of approximately \$5.0 million. The projected expenses in excess of revenues of approximately \$4.0 million will be funded by excess operating reserves from prior years.

At the February 15, 2022 regular Board meeting, the Board amended the FY 2021-22 District Operating Budget and the District FY 2022-2026 CIP by increasing the appropriation to capital reserves by \$938,028, resulting in total expenditures of \$20.687 million, including appropriations of \$5.993 million to the FY 2020-21 CIP reserves.

Present Situation

A summary of the EGWD's financial status as of June 30, 2022 (Attachment 1) is attached to this report and a detailed analysis of the changes in each revenue and expenditure category is as follows:

Revenues collected through the fourth quarter of the fiscal year total \$16,106,779 which is 102.49% of the \$15,716,093 annual budget. The revenues are \$575,686 or 3.45% below

ELK GROVE WATER DISTRICT FISCAL YEAR 2021-22 QUARTERLY OPERATING BUDGET STATUS REPORT

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the same quarter of the prior year due to an overall reduction in consumption as part of the statewide water conservation effort.

Total Operational Expenses were \$9,368,804 through the fourth quarter, which is 86.45% of the annual budget of \$10,836,971. The actual operating expenses were \$335,155 or 3.45% below the same quarter of the prior fiscal year as follows:

Personnel expenditures total \$3,796,079 which is 89.97% of the \$4,219,423 annual budget. The actual expenses were \$271,129 or 6.67% below the same period of the prior fiscal year. The decrease in salaries is due mainly to: 1) a vacant Assistant GM and Water Distribution Operator (WDO) 1 position; 2) a WDO taking paternity leave without pay for 3 months; and 3) a decrease in retirement benefits due to the elimination of the unfunded accrued liability (UAL) payment as a result of the additional discretionary payment made to CalPERS in December of 2020. The decrease was offset by the timing of payment for medical premium invoices (FY 2021 only reflects eleven payments, FY 2022 reflects twelve payments).

Seminars, Conventions and Travel expenditures total \$16,693, which is 39.18% of the annual budget of \$42,609. The actual expenses were \$10,237 or 158.57% above the same period of the prior fiscal year due mainly to attendance at the Association of California Water Agencies (ACWA) Fall 2021 and Spring 2022 conferences, offset by the cancellation of the FY 2019-20 ACWA spring conference and the refund of conference charges related to the FY 2020-21 fall conference.

Office and Operational expenditures total \$1,068,816, which is 79.08% of the annual budget of \$1,351,521. The actual expenses were \$48,872 or 4.79% above the same period of the prior fiscal year due mainly to an increase in equipment and building repairs, an increase in permitting fees for CIP projects and the purchase of software for water modeling, offset by a decrease in association dues for Sacramento Central Groundwater Authority and less meter purchases due to adequate inventory.

Estimated Purchased Water costs total \$3,187,745, which is 90.78% of the annual budget of \$3,511,320. The actual expenses were \$65,594 or 2.02% below the same period of the prior fiscal year. The decrease in costs is due mainly to an overall reduction in consumption as part of the statewide water conservation effort.

Outside Services expenditures total \$785,483, which is 68.28% of the annual budget of \$1,150,358. The actual expenses were \$121,050 or 13.35% below the same period of the prior fiscal year. The decrease is due mainly to 1) a reduction in legal service costs in FY 2022 as compared to FY 2021 related to the new administration building purchase; 2) a reduction in engineering costs due to the completion of the Urban Water Management Plan

**ELK GROVE WATER DISTRICT FISCAL YEAR 2021-22 QUARTERLY OPERATING
BUDGET STATUS REPORT**

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in FY 2021; and 3) a reduction in contracted services due to no longer needing temporary staffing for customer service.

Equipment Rent, Taxes and Utilities expenditures total \$513,988, which is 91.50% of the annual budget of \$561,740. The actual expenses were \$63,509 or 14.10% above the same period of the prior fiscal year. The increase is due mainly to the leaseback charges incurred for the 9257 Elk Grove Blvd. property and rental equipment for CIP projects.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD's 2020-2025 Strategic Plan. Development and adoption of annual budgets that are balanced through cost saving measures or transfers from operating reserves is specifically identified as an objective in the Fiscal Responsibility section of the Strategic Plan.

FINANCIAL SUMMARY

This report is provided to the Board for information only. There is no financial impact associated with this item at this time. Staff has attached a copy of the June 30, 2022 Quarterly Budget Review (Attachment 2) for the fourth quarter. The Quarterly Budget Review includes the line-item detail for the expenditure categories for the quarter-to-date of FY 2021-22, as well as the detail for last year's quarter-to-date.

Respectfully submitted,



PATRICK LEE
FINANCE MANAGER/TREASURER

Attachments

Attachment 1

Elk Grove Water District
Year to Date Revenues and Expenses Compared to Budget
As of June 30, 2022

	General Ledger Reference	YTD Activity	Annual Budget	12/12=100.00% % Realized
Revenues	4100 - 4900	\$ 16,106,779	\$ 15,716,094	102.49%
Operating Expenses				
Salaries & Benefits	5100 - 5280	4,129,140	4,619,614	89.38%
less Capitalized Labor		(333,060)	(400,192)	83.23%
Adjusted Salaries and Benefits:		\$ 3,796,080	\$ 4,219,422	89.97%
Seminars, Conventions and Travel	5300 - 5350	16,693	42,609	39.18%
Office & Operational	5410 - 5494	1,068,816	1,351,521	79.08%
Purchased Water est. (1)	5495 - 5495	3,187,745	3,511,320	90.78%
Outside Services	5505 - 5580	785,483	1,150,358	68.28%
Equipment Rent, Taxes, Utilities	5620 - 5760	513,988	561,740	91.50%
Total Operational Expenses		\$ 9,368,804	\$ 10,836,970	86.45%
Net Operating Income		\$ 6,737,974	\$ 4,879,124	138.10%
Non-Operating Revenues				
Interest Received	9910 - 9910	45,920	25,000	183.68%
Unrealized Gains/(Losses)	9911 - 9911	(320,381)	-	-100.00%
Other Income/(Expense)	9920 - 9973	25,173	-	-100.00%
Total Non-Operating Revenues		\$ (249,287)	\$ 25,000	-997.15%
Non-Operating Expenses				
Election Costs	9950 - 9950	-	-	0.00%
Capital Expenses (2):				
Capital Improvements	1705 - 1760	2,388,632	3,913,028	61.04%
Capital Replacements	1705 - 1760	1,797,912	1,980,000	90.80%
Unforeseen Capital Projects	1705 - 1760	62,473	100,000	62.47%
Total Capital Expenses:		\$ 4,249,018	\$ 5,993,028	70.90%
Bond Interest Accrued (3)	7300 - 7300	1,442,499	1,442,499	100.00%
Total Non Operating Expenses		\$ 5,691,517	\$ 7,435,527	76.54%
Bond Retirement (3):		\$ 2,440,000	\$ 2,440,000	100.00%
Total Expenditures		17,749,608	20,687,497	85.80%
Revenues in Excess of All Expenditures, including Capital		\$ (1,642,830)	\$ (4,971,403)	33.05%

Notes:

1. There is a lag in water billings from the Sacramento County Water Agency. Included above is an estimate of costs to date based on water used.
2. YTD Activity includes \$333,060 in capitalized labor charged to capital projects.
3. Bond retirement payments are made two times a year in September and March
4. Accounts receivable balance, which represents the difference between the total amount billed and total amount collected, as of June 30, 2022 is \$141,323.77

Attachment 2

**ELK GROVE WATER DISTRICT
QUARTERLY BUDGET REVIEW
THROUGH JUNE 30, 2022
FISCAL YEAR 2021-22**

Account	Description	FY 2021-22 Budget	Y-T-D 6/30/2022	100.00% Percentage	Y-T-D 6/30/2021	Change from prior year
4100	Water Payment Revenues - Residential	\$ 13,437,396	13,782,342	102.57%	\$ 14,283,507	\$ (501,165)
4110	Water Payment Revenues - Commercial	1,878,259	1,861,422	99.10%	1,900,069	(38,647)
4120	Water Payment Revenues - Fire Service	194,563	204,588	105.15%	196,456	8,132
4200	Meter Fees/Plan Check/Water Capacity	30,000	155,788	519.29%	203,091	(47,303)
4201	Backflow Installation	10,000	19,476	194.76%	24,071	(4,595)
4202	Backflow Testing Fee	-	2,470	100.00%	-	2,470
4300	Fire Protection	-	1,404	-	1,560	(156)
4520	Door Hanger Fees	86,250	45,800	53.10%	-	45,800
4530	Meter Testing Fee	-	47	100.00%	-	47
4540	New account Fees	25,000	26,340	105.36%	31,440	(5,100)
4550	NSF Fees	3,000	1,645	54.83%	1,645	-
4560	Fees & Penalties	-	4,494	0.00%	32	4,462
4570	Shut-off Fees	37,625	28,000	74.42%	-	28,000
4575	24 Hour Turn On	-	-	0.00%	-	-
4580	Restoration Fees	-	225	100.00%	-	225
4585	Administration Citations	-	1,115	100.00%	1,250	(135)
4590	Credit Card Fees	-	(1,580)	0.00%	-	(1,580)
4591	Sac County Release of Lien Fee	-	16,668	-100.00%	3,920	12,748
4700	Rental Income	15,000	1,154	7.69%	34,546	(33,392)
4900	Customer Refunds	(1,000)	(44,619)	4461.91%	878	(45,497)
	TOTAL GROSS REVENUES	\$ 15,716,093	\$ 16,106,779	102.49%	\$ 16,682,464	\$ (575,686)

**ELK GROVE WATER DISTRICT
QUARTERLY BUDGET REVIEW
THROUGH JUNE 30, 2022
FISCAL YEAR 2021-22**

Account	Description	FY 2021-22 Budget	Y-T-D 6/30/2022	100.00% Percentage	Y-T-D 6/30/2021	Change from prior year
	Salaries & Benefits					
5100	Executive Salary	199,678	187,352	93.83%	167,039	20,313
5110	Exempt Salaries	646,445	512,555	79.29%	583,672	(71,117)
5120	Non-Exempt Salaries	1,782,724	1,629,657	91.41%	1,683,447	(53,790)
5130	Overtime Compensation	43,500	33,852	77.82%	26,464	7,387
5140	On Call Pay	31,025	30,600	98.63%	24,864	5,736
5150	Holiday Pay	129,660	125,015	96.42%	113,172	11,843
5160	Vacation Pay	127,644	175,230	137.28%	162,423	12,807
5170	Personal Time Pay	103,728	117,858	113.62%	123,201	(5,344)
5195	EAP	874	816	93.40%	807	9
5200	Medical Benefits	820,006	653,095	79.65%	611,760	41,335
5201	EGWD Contribution H.S.A	26,300	21,100	80.23%	23,700	(2,600)
5210	Dental/Vision/Life Insurance	59,815	58,825	98.35%	51,985	6,840
5220	Retirement Benefits	269,456	253,341	94.02%	345,705	(92,364)
5225	Retirement Benefits - Post Employment	165,339	200,957	121.54%	197,490	3,467
5230	Medical Tax, Social Security and SUI	64,641	50,762	78.53%	51,278	(516)
5240	Worker's Compensation Insurance	96,600	61,694	63.87%	65,346	(3,653)
5250	Education Assistance	2,500	-	0.00%	-	-
5260	Employee Training	43,600	15,276	35.04%	13,566	1,710
5270	Employee Recognition	2,880	1,155	40.10%	2,385	(1,230)
5280	Meetings	3,200	-	0.00%	-	-
	Less Capitalized Expenditures	(400,192)	(333,060)	83.23%	(181,096)	(151,964)
	Less Remaining CalPERS prepayment	N/A	N/A	N/A	N/A	N/A
	Category Subtotal	4,219,423	3,796,079	89.97%	4,067,209	(271,129)
	Seminars, Conventions and Travel					
5300	Airfare	6,050	218	3.60%	(39)	257
5310	Hotels	6,966	1,908	27.39%	-	1,908
5320	Meals	7,018	857	12.21%	987	(130)
5330	Auto Rental	2,200	156	7.08%	(102)	258
5340	Seminars & Conferences	12,545	7,614	60.69%	(300)	7,914
5350	Mileage Reimbursement, Parking, Tolls	1,830	155	8.47%	(20)	175
5375	Auto Allowance	6,000	5,785	96.42%	5,930	(145)
	Category Subtotal	42,609	16,693	39.18%	6,456	10,237

**ELK GROVE WATER DISTRICT
 QUARTERLY BUDGET REVIEW
 THROUGH JUNE 30, 2022
 FISCAL YEAR 2021-22**

Account	Description	FY 2021-22 Budget	Y-T-D 6/30/2022	100.00% Percentage	Y-T-D 6/30/2021	Change from prior year
	Office & Operational					
5410	Advertising	16,500	14,252	86.37%	15,660	(1,408)
5415	Association Dues	132,097	123,943	93.83%	150,003	(26,060)
5420	Insurance	106,700	95,520	89.52%	95,640	(120)
5425	Licenses, Certifications, Fees	4,370	4,638	106.13%	4,530	108
5430	Repairs & Maintenance - Automotive	35,500	25,243	71.11%	33,240	(7,997)
5432	Repairs & Maintenance - Building	118,500	57,562	48.58%	43,218	14,344
5434	Repairs & Maintenance - Computers	16,225	12,408	76.48%	4,422	7,986
5435	Repairs & Maintenance - Equipment	107,500	116,439	108.32%	95,926	20,513
5438	Fuel	45,470	48,189	105.98%	31,469	16,720
5440	Materials	122,000	99,135	81.26%	89,075	10,060
5445	Chemicals	45,000	44,695	99.32%	36,203	8,491
5450	Meter Repairs	90,000	57,751	64.17%	117,417	(59,666)
5453	Permits	68,050	84,860	124.70%	49,677	35,183
5455	Postage	82,675	64,119	77.56%	61,184	2,936
5460	Printing	26,800	6,308	23.54%	9,037	(2,729)
5465	Safety Equipment	15,500	8,496	54.81%	9,743	(1,247)
5470	Software Programs & Updates	207,114	133,939	64.67%	104,267	29,673
5475	Supplies	30,920	20,373	65.89%	17,201	3,172
5480	Telephone	30,900	19,207	62.16%	25,162	(5,956)
5485	Tools	11,000	14,564	132.40%	11,161	3,403
5490	Clothing Allowance	7,700	5,733	74.46%	3,253	2,480
5491	EGWD-Other Clothing	13,000	9,947	76.52%	12,455	(2,507)
5493	Water Conservation Materials	18,000	1,494	8.30%	-	1,494
	Category Subtotal	1,351,521	1,068,816	79.08%	1,019,944	48,872
Account	Description					
5495	Purchased Water	3,511,320	3,187,745	90.78%	3,253,339	(65,594)

**ELK GROVE WATER DISTRICT
QUARTERLY BUDGET REVIEW
THROUGH JUNE 30, 2022
FISCAL YEAR 2021-22**

Account	Description	FY 2021-22 Budget	Y-T-D 6/30/2022	96.42% Percentage	Y-T-D 6/30/2021	Change from prior year
	Outside Services					
5505	Administration Services	3,250	4,049	124.59%	5,912	(1,863)
5510	Bank Charges	190,208	176,321	92.70%	166,134	10,188
5515	Billing Services	25,500	19,722	77.34%	24,312	(4,590)
5520	Contracted Services	507,150	407,561	80.36%	445,052	(37,491)
5523	Water Conservation Services	30,000	-	0.00%	-	-
5525	Accounting Services	30,000	27,444	91.48%	26,960	484
5530	Engineering	60,000	43,875	73.12%	85,961	(42,087)
5535	Legal Services	175,000	30,047	17.17%	57,842	(27,795)
5540	Financial Consultants	10,000	-	0.00%	(955)	955
5545	Community Relations	9,200	1,095	11.90%	-	1,095
5550	Pre-employment	1,000	613	61.25%	247	365
5552	Misc. Medical	2,500	2,919	116.74%	3,338	(419)
5555	Janitorial	30,400	22,356	73.54%	26,874	(4,518)
5560	Bond Administration	7,050	3,500	49.65%	7,890	(4,390)
5570	Security	29,100	23,566	80.98%	20,916	2,649
5575	Sampling	40,000	22,416	56.04%	36,049	(13,633)
	Category Subtotal	1,150,358	785,483	68.28%	906,533	(121,050)
Account	Description	FY 2021-22 Budget	Y-T-D 6/30/2022	100.00% Percentage	Y-T-D 6/30/2021	Change from prior year
	Equipment Rent, Taxes and Utilities					
5610	Occupancy	72,000	72,000	100.00%	17,000	55,000
5620	Equipment Rental	35,360	31,652	89.51%	21,530	10,122
5710	Property Taxes	3,500	2,918	83.38%	967	1,951
5740	Electricity	407,200	359,393	88.26%	364,633	(5,240)
5750	Natural Gas	900	1,325	147.22%	886	438
5760	Sewer and Garbage	42,780	46,699	109.16%	45,462	1,237
	Category Subtotal	561,740	513,988	91.50%	450,478	63,509
	Total Operational Expenses	10,836,971	9,368,804	86.45%	9,703,959	(335,155)

July 19, 2022

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Treasurer

SUBJECT: **ELK GROVE WATER DISTRICT FISCAL YEAR 2021-22 QUARTERLY CAPITAL RESERVE STATUS REPORT**

RECOMMENDATION

This item is presented for discussion purposes only. No action by the Florin Resource Conservation District Board of Directors is requested at this time.

SUMMARY

On June 16, 2020, the Florin Resource Conservation District (District) Board of Directors (Board) adopted the District's Reserve and Capital Investments Policy (Policy), establishing the funding levels for each of the District's respective reserve funds. Per the Policy, the District's unrestricted net position as of July 1 of each fiscal year is allocated first to the Operating Reserve (120 days of budgeted operating and maintenance expenses), then to the upcoming year's capital budget, followed by elections/special studies, with the remaining balance allocated to future capital improvements and future capital replacements in the ratio of 75:25, respectively. The total unrestricted net position available to be allocated to reserves on July 1, 2021 was \$19,139,482.

Through the fourth quarter of Fiscal Year 2021-22, the District expended \$4,249,018 for capital projects leaving a remaining total reserve balance on June 30, 2022 of \$14,890,464.

DISCUSSION

Background

On June 15, 2021, the Board approved the District's Fiscal Year (FY) 2021-22 Operating Budget and the District's FY 2022-26 Capital Improvement Program (CIP) that included an appropriation of \$19.7 million in expenses, including \$5.0 million in unrestricted funds to the FY 2021-22 CIP reserve funds.

At the February 15, 2022 regular Board meeting, the Board amended the FY 2021-22 District Operating Budget and the District FY 2022-2026 CIP by increasing the

ELK GROVE WATER DISTRICT FISCAL YEAR 2021-22 QUARTERLY CAPITAL RESERVE STATUS REPORT

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appropriation to capital reserves by \$938,028, resulting in total expenditures of \$20.687 million, including appropriations of \$5.993 million to the FY 2021-22 CIP reserves

Present Situation

As amended during the regular Board meeting on February 15, 2022, the District had appropriated Reserve Funds for FY 2021-22 as follows:

• Operations Reserves (120 days of O&M budget)	\$ 4,831,058
• FY 2021-22 Capital Improvement Fund	\$ 3,963,028
• FY 2021-22 Capital Replacement Fund	\$ 2,030,000
• Elections and Special Studies	\$ -
• Future Capital Improvements	\$ 6,236,547
• Future Capital Replacements	<u>\$ 2,078,849</u>
	\$ 19,139,482

The District has expended \$4,249,018 for capital expenditures through June 30, 2022 as follows:

• Capital Improvement Fund	
○ Chlorine Analyzers	\$ 9,067
○ Service Line Replacements	\$ 13,373
○ Admin Building 9829 Waterman Rd	\$ 1,947,855
○ Fiber Optic Cable	\$ 300,509
○ Digital Data Collector & GPS Rover	\$ 19,250
○ Compact Loader w/ Cold Planer	\$ 98,308
○ Unforeseen Capital Projects	<u>\$ 31,237</u>
TOTAL	\$ 2,419,868
• Capital Replacement Fund	
○ Backyard Watermain Replacements	\$ 1,447,250
○ 2 nd Ave Water Main	\$ 2,686
○ Truman Street/Adams Street	\$ 252,816
○ Well Rehab Program	\$ 55,017
○ PLC Bucket Replacement	\$ 21,143
○ Unforeseen Capital Projects	<u>\$ 31,237</u>
TOTAL	\$ 1,829,149

July 19, 2022

ELK GROVE WATER DISTRICT FISCAL YEAR 2021-22 QUARTERLY CAPITAL RESERVE STATUS REPORT

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The District's remaining reserve fund balances as of June 30, 2022 are as follows:

• Operations Reserves (120 days)	\$ 4,831,058
• FY 2021-22 Capital Improvement Fund	\$ 1,543,160
• FY 2021-22 Capital Replacement Fund	\$ 200,851
• Elections and Special Studies	\$ -
• Future Capital Improvements	\$ 6,236,547
• Future Capital Replacements	<u>\$ 2,078,849</u>
	\$ 14,890,464

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with this report.

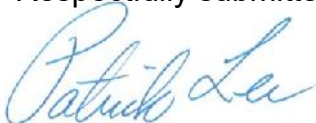
STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD's 2020-2025 Strategic Plan. Developing and adopting annual budgets that are balanced through cost saving measures or transfers from operating reserves is specifically identified as an objective in the Fiscal Responsibility section of the Strategic Plan.

FINANCIAL SUMMARY

There is no financial impact with this report. Staff has provided a copy of the June 30, 2022, Quarterly Capital Reserves Review (attached) for the fourth quarter.

Respectfully submitted,



PATRICK LEE
FINANCE MANAGER/TREASURER

Attachment

Attachment

ELK GROVE WATER RESERVES
Fiscal Year 2021-22
As of June 30, 2022

Total Available \$ 19,139,482 at 7/1/2021

Operating Reserves	Capital Improvements	Capital Replacements	Elections/ Special Studies	Future Capital Improvements	Future Capital Replacements
Needed	Funded	Funded	Funded	Funded	Funded
\$ 4,831,058	\$ 3,963,028	\$ 2,030,000	\$ -	\$ 6,236,547	\$ 2,078,849
Available	Expended	Expended	Expended	Expended	Expended
-	\$ 2,419,869	\$ 1,829,150	\$ -	\$ -	\$ -
Remaining	Remaining	Remaining	Remaining	Remaining	Remaining
\$ 4,831,058	\$ 1,543,160	\$ 200,851	\$ -	\$ 6,236,547	\$ 2,078,849

Capital Improvement Funds

Supply/Dist. Improvements	Treatment Plant Improvements	Bldng/Site/Veh. Improvements	Unforeseen Capital Projects
Funded	Funded	Funded	Funded
\$ 142,000	\$ 105,000	\$ 3,666,028	\$ 50,000
Expended	Expended	Expended	Expended
\$ 13,373	\$ 9,067	\$ 2,366,192	\$ 31,237
Remaining	Remaining	Remaining	Remaining
\$ 128,627	\$ 95,933	\$ 1,299,836	\$ 18,764

Capital Replacement Funds

Supply/Dist. Improvements	Treatment Plant Improvements	Bldng/Site/Veh. Improvements	Unforeseen Capital Projects
Funded	Funded	Funded	Funded
\$ 1,905,000	\$ 50,000	\$ 25,000	\$ 50,000
Expended	Expended	Expended	Expended
\$ 1,757,769	\$ 21,143	\$ 19,001	\$ 31,237
Remaining	Remaining	Remaining	Remaining
\$ 147,231	\$ 28,857	\$ 5,999	\$ 18,764

July 19, 2022

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Bruce Kamilos, General Manager

SUBJECT: **GENERAL MANAGER'S REPORT**

RECOMMENDATION

This item is presented to the Florin Resource Conservation District Board of Directors for information, discussion, and in some instances, to provide direction to staff.

SUMMARY

The General Manager's Report is a standing item on the regular board meeting agenda. The report is intended to inform the Florin Resource Conservation District/Elk Grove Water District (District) Board of Directors (Board) of notable, miscellaneous items the General Manager would like to share with the Board. The report also provides an opportunity for the Board to discuss the items, and in some instances provide direction to staff.

DISCUSSION

Background

Each month, the General Manager provides a report to the Board of any notable, miscellaneous items.

Present Situation

- **Administration Office Tenant Improvements Project Update** – Staff will provide an update of the Administration Office Tenant Improvements Project.
- **Home Energy Savings Exposition** – The District participated in the Home Energy Savings Exposition on June 25, 2022. This event was sponsored by the City of Elk Grove and was held at The Center at District 56. Sustainable landscaping and transitioning to all electric homes were focal points of the expo. Staff attended to a booth and answered questions from the community.
- **Cybersecurity Assessment** – At the September 2022 regular board meeting, staff plans to present to the Board in closed session the confidential cybersecurity assessment of the District's information technology system.

GENERAL MANAGER'S REPORT

Page 2

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD 2020-2025 Strategic Plan. Due to the varied subject matters presented in the General Manager's Report, the report over time will likely touch on every strategic goal contained in the plan.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,



BRUCE KAMILOS
GENERAL MANAGER

July 19, 2022

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Bruce Kamilos, General Manager
SUBJECT: **ELK GROVE WATER DISTRICT OPERATIONS REPORT – JUNE 2022**

RECOMMENDATION

This item is presented for information only. No action by the Florin Resource Conservation District Board of Directors is proposed at this time.

SUMMARY

The Elk Grove Water District (EGWD) Operations Report is a standing item on the regular board meeting agenda.

All regulatory requirements were met for the month of June. Other notable events are described below.

DISCUSSION

Background

Every month, staff presents an update of the activities related to the operations of the EGWD. Included for the Florin Resource Conservation District Board of Director's review is the EGWD's June 2022 Operations Report.

Present Situation

The EGWD June 2022 Operations Report highlights are as follows:

- **Operations Activities Summary** – 459 door hangers were placed for past due balances, which resulted in 67 shut offs. We received two (2) water pressure complaints and one (1) water quality complaint. All were unsubstantiated.
- **Production** – The Combined Total Service Area 1 production graph on page 13 shows that production during the month of June decreased 9.23 percent compared to June 2021 and is 7.35 percent less than what was produced in 2020. Year 2020 is the new baseline year the State Water Resources Control Board adopted for water usage. The Total Demand/Production for both service areas on page 14

ELK GROVE WATER DISTRICT OPERATIONS REPORT – JUNE 2022

Page 2

shows that customer use during the month of June compared to 2020 was down by 3.91 percent.

- **Static and Pumping Level Graphs** – The first quarter soundings are shown and indicate that the static water levels are stable compared to the first quarter of 2021.
- **Treatment (Compliance Reporting)** – All samples taken during the month comply with all regulatory permit requirements. No exceedances of any maximum contaminant levels were found, and all water supplied to EGWD’s customers met or exceeded safe drinking water standards.
- **Corrective Maintenance Program** – The tables included in this section of the report also include certain activities completed to date. Below is a list of out-of-ordinary maintenance work completed in June:
 - Staff assisted with installation, programming and testing of a Programmable Logic Controller (PLC) and Human Interface (HMI) at Well 4D.
- **Cross Connection Control Program 2022** – EGWD issued 80 testing notices for the month. Pursuant to the notices, 49 devices passed, and the contractor tested the 31 remaining devices. The total number of delinquents is one (1), which remains delinquent from January.

In April 2022, the District implemented a new approach to annually testing backflow devices. Under the new approach, the District has contracted with a certified backflow tester to test delinquent backflow devices. The District’s new approach has been successful, eliminating the delinquency of tested backflow devices. As a result, reporting on the Cross Connection Control Program status is unnecessary and staff will eliminate the page from future Operations Reports.

- **Safety Meetings/Training** – Two (2) safety training sessions were conducted for the month which is compliant with OSHA standards.
- **Service and Main Leaks Map** – There were fifteen (15) service line leaks and one (1) main line leak during June.
- **System Pressures** – Pressures in Service Area 1 generally remained stable during the month of June. Pressures in Service Area 2, which are controlled by Sacramento County Water Agency, were also stable as compared to the previous month.

July 19, 2022

ELK GROVE WATER DISTRICT OPERATIONS REPORT – JUNE 2022

Page 3

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD 2020-2025 Strategic Plan. The EGWD Operations Report provides an ongoing review of EGWD's operations, and therefore, conforms with Strategic Goal No. 1, Governance and Customer Engagement.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,



BRUCE KAMILOS
GENERAL MANAGER

BMK/ac

Attachment

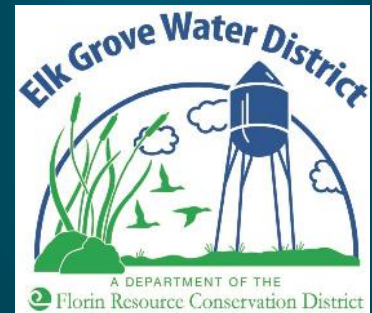
EGWD

OPERATIONS REPORT

June 2022



Elk
Grove
Water
District



Elk Grove Water District
Operations Report
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Operations Activities Summary

Service Requests:

	June -22		YTD (Since Jan. 1, 2022)	
<u>Department</u>	<u>Service Request</u>	<u>Hours</u>	<u>Service Request</u>	<u>Hours</u>
Distribution				
Door Hangers	459	23	1,801	74
Shut offs	67	12	280	66.25
Turn ons	65	16.25	256	64
Investigations	47	11.75	235	58.75
USA Locates	490	122.5	2,358	589.5
Customer Complaints				
-Pressure	2	1	7	3.5
-Water Quality	1	0.5	5	2.5
-Other	0	0	0	0

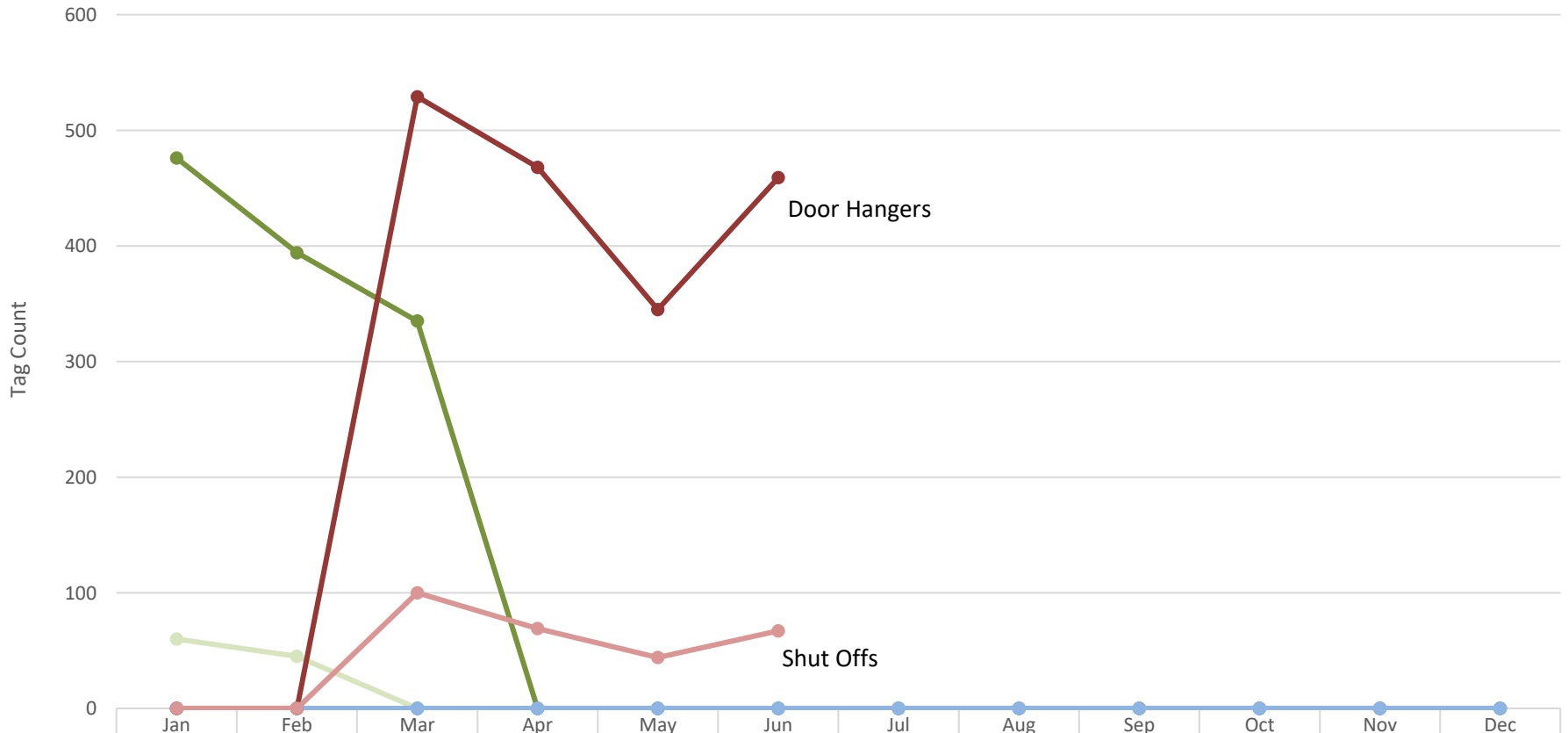
Work Orders:

	June -22		YTD (Since Jan. 1, 2022)	
<u>Department</u>	<u>Work Orders</u>	<u>Hours</u>	<u>Work Orders</u>	<u>Hours</u>
Treatment:				
Preventative Maint.	27	37.5	85	326.5
Corrective Maint.	8	63	27	330.5
Water Samples	12	36.5	95	283
Distribution:				
Meters Installed	6	1.5	12	4.3
Meter Change Out	15	7.5	127	66
Preventative Maint.				
-Hydrant Maintenance (45)	47	7.75	186	34.75
-Valve Exercising (127)	178	32.25	475	95
-Other	0	0	0	0
Corrective Maint.				
-Leaks	15	165	32	472.5
-Other	7	34	99	397.75
Valve Locates	0	0	0	0
Utility:				
Corrective Maint.	0	0	0	0

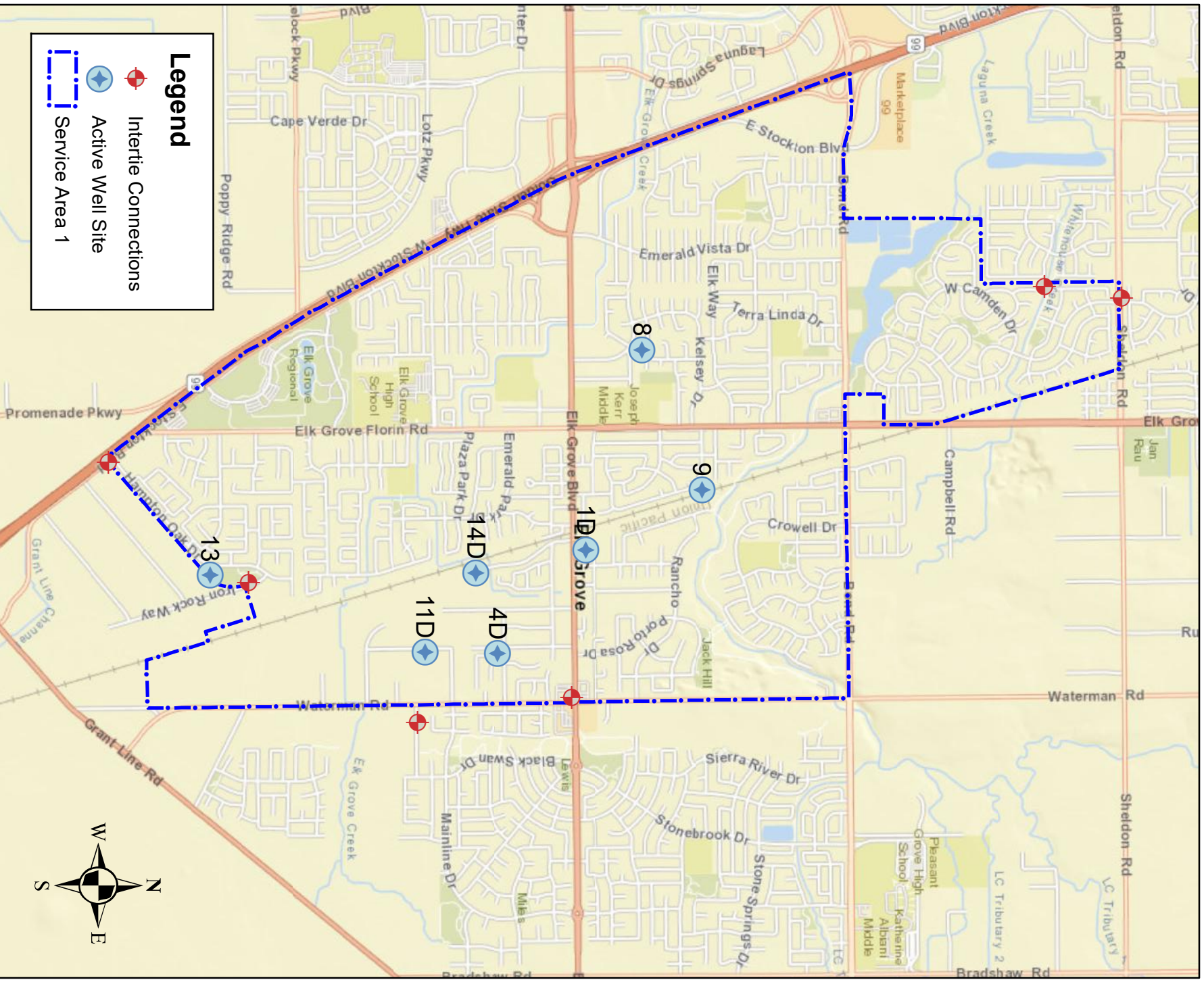


Elk Grove Water District

Door Hangers and Shut Off Tags



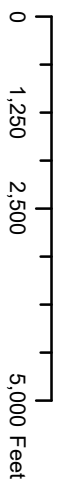
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020 Door Hangers	476	394	335	0	0	0	0	0	0	0	0	0
2020 Shut Offs	60	45	0	0	0	0	0	0	0	0	0	0
2021 Door Hangers	0	0	0	0	0	0	0	0	0	0	0	0
2021 Shut Offs	0	0	0	0	0	0	0	0	0	0	0	0
2022 Door Hangers	0	0	529	468	345	459						
2022 Shut Offs	0	0	100	69	44	67						



Legend

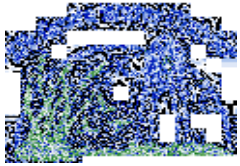
- Intertie Connections
- ◆ Active Well Site
- Service Area 1

Active Well Sites &
Intertie Connections



Elk Grove Water District





Elk Grove Water District

Monthly Production

Well 1D School -- June 2022

Selected Month Production

3,428,956 Gallons

Average GPM: 1,690
 Pump depth: 275 ft
 Well depth: 1025 ft

Motor:

Volts: 468
 Volts (Rated): 460
 RPM: 1788
 RPM (Rated): 2115
 Amps A: 179
 Amps A (Rated): 222
 Amps B: 177
 Amps B (Rated): 222
 Amps C: 172
 Amps C (Rated): 222

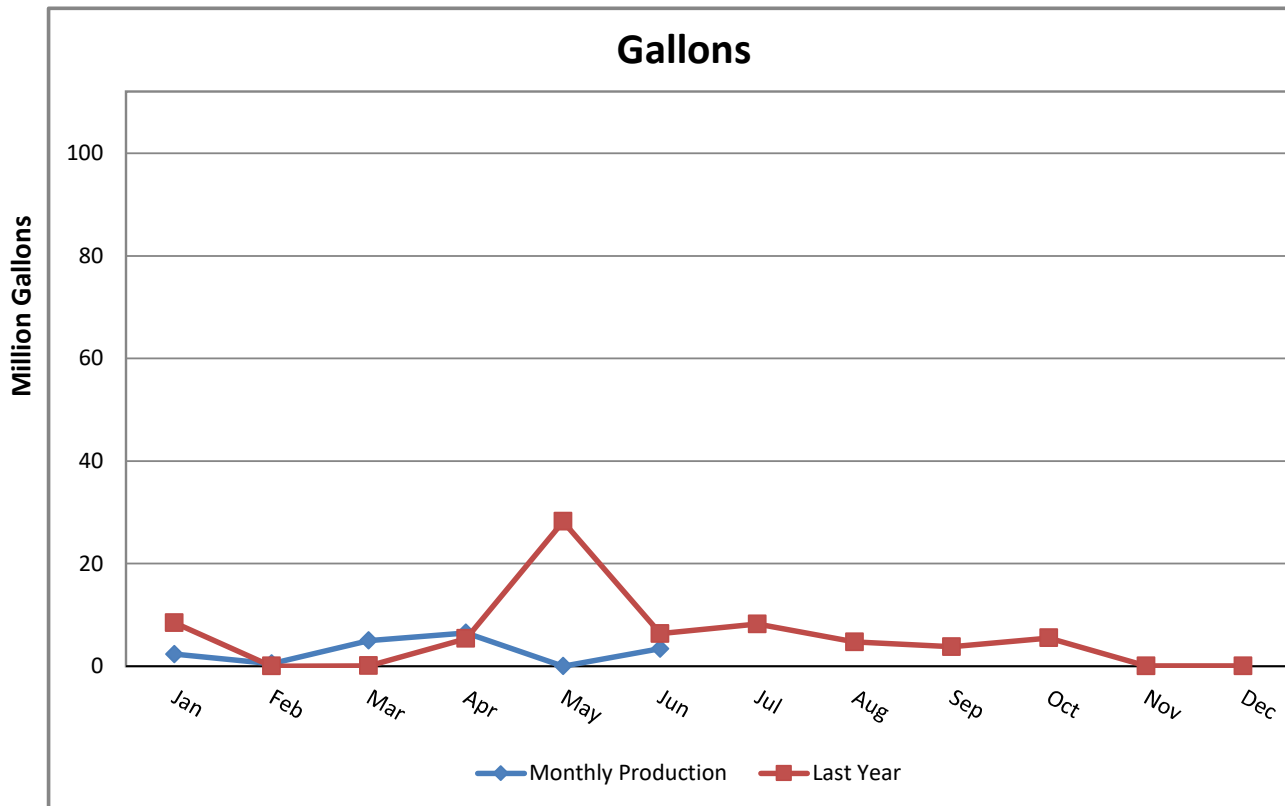
Motor Temp: 122.3 F
 Hour Meter: 33.80
 KW Hour Total: 4,720

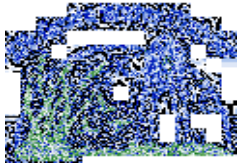
Chlorine:

Dosing: 1.7 mg/L
 Demand: 0.60 mg/L
 Residual: 1.1 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
 Current: 0.03 in/sec





Elk Grove Water District

Monthly Production

Well 4D Webb -- June 2022

Selected Month Production

8,127,297 Gallons

Average GPM: 1693
 Pump depth: 340 ft
 Well depth: 1075 ft

Motor:

Volts: 477
 Volts (Rated): 460
 RPM: 1653
 RPM (Rated): 1775
 Amps A: 199
 Amps A (Rated): 225
 Amps B: 198
 Amps B (Rated): 225
 Amps C: 198
 Amps C (Rated): 225

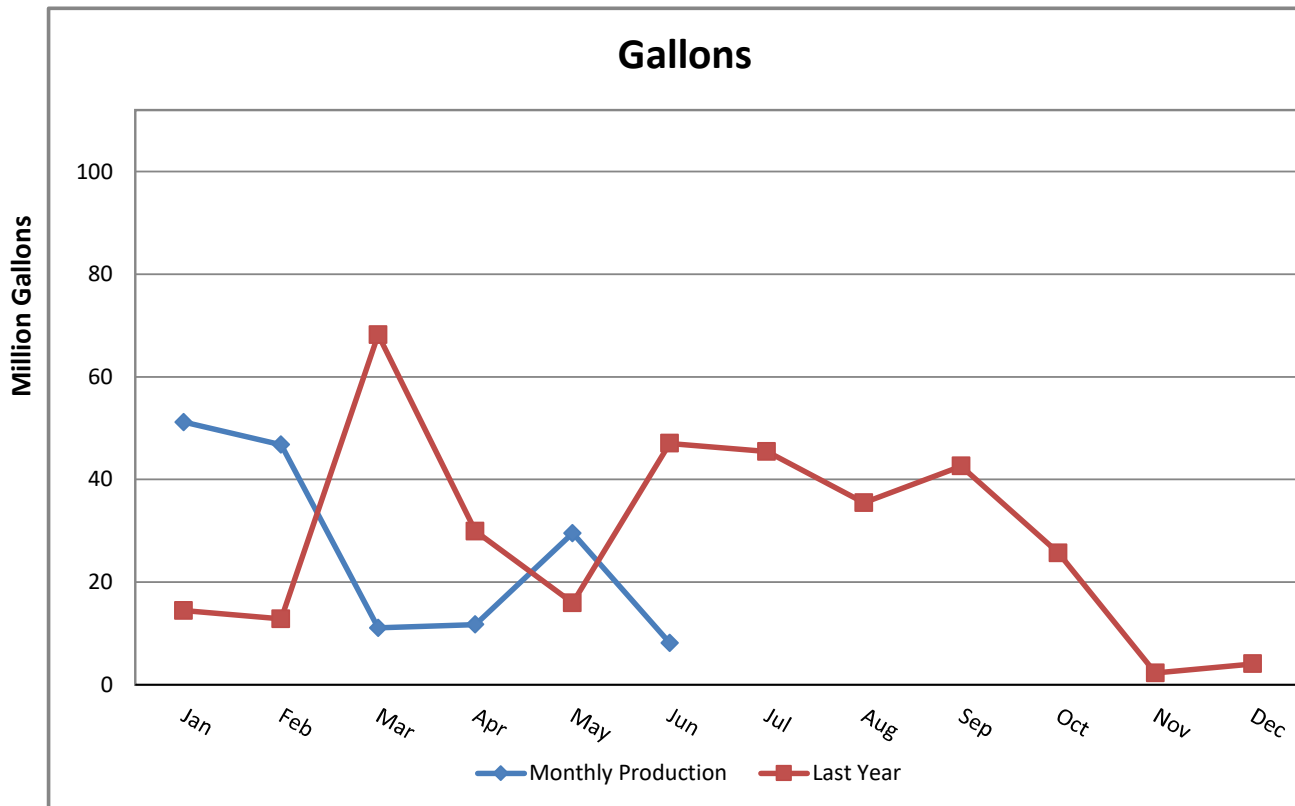
Motor Temp: 148.8 F
 Hour Meter: 80.00
 KW Hour Total: 11,820

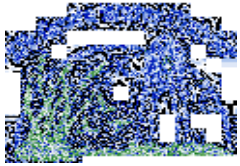
Chlorine:

Dosing: 1.67 mg/L
 Demand: 0.6 mg/L
 Residual: 1.07 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
 Current: 0.02 in/sec





Elk Grove Water District

Monthly Production

Well 11D Dino -- June 2022

Selected Month Production

53,093,250 Gallons

Average GPM: 1702
 Pump depth: 340 ft
 Well depth: 1038 ft

Motor:

Volts: 481
 Volts (Rated): 460
 RPM: 1662
 RPM (Rated): 1775
 Amps A: 194
 Amps A (Rated): 225
 Amps B: 188
 Amps B (Rated): 225
 Amps C: 182
 Amps C (Rated): 225

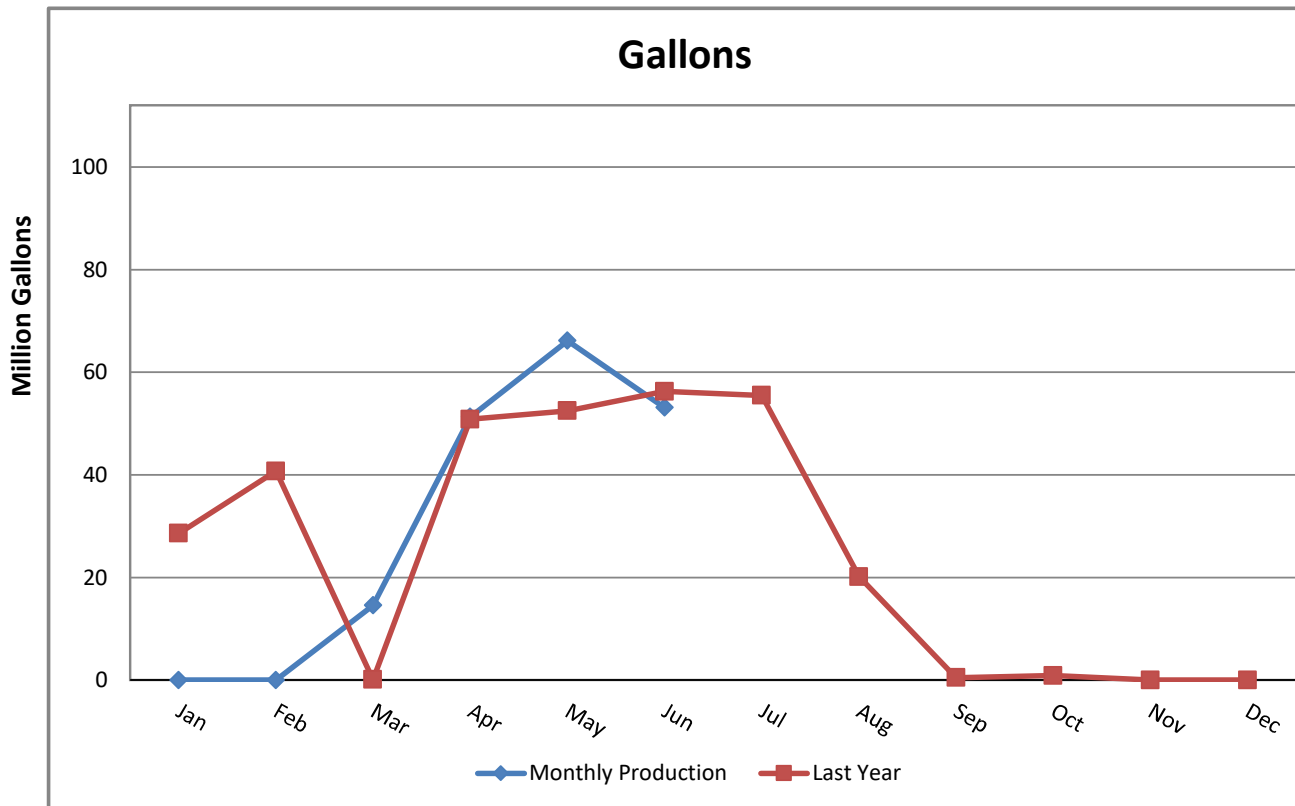
Motor Temp: 156.3 F
 Hour Meter: 519.90
 KW Hour Total: 69,120

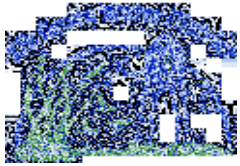
Chlorine:

Dosing: 1.67 mg/L
 Demand: 0.6 mg/L
 Residual: 1.07 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
 Current: 0.02 in/sec





Elk Grove Water District

Monthly Production

Well 14D Railroad -- June 2022

Selected Month Production

28,248,149 Gallons

Average GPM: 1432
 Pump depth: 340 ft
 Well depth: 1051 ft

Motor:

Volts: 474
 Volts (Rated): 460
 RPM: 1784
 RPM (Rated): 1785
 Amps A: 166
 Amps A (Rated): 171
 Amps B: 164
 Amps B (Rated): 171
 Amps C: 162
 Amps C (Rated): 171

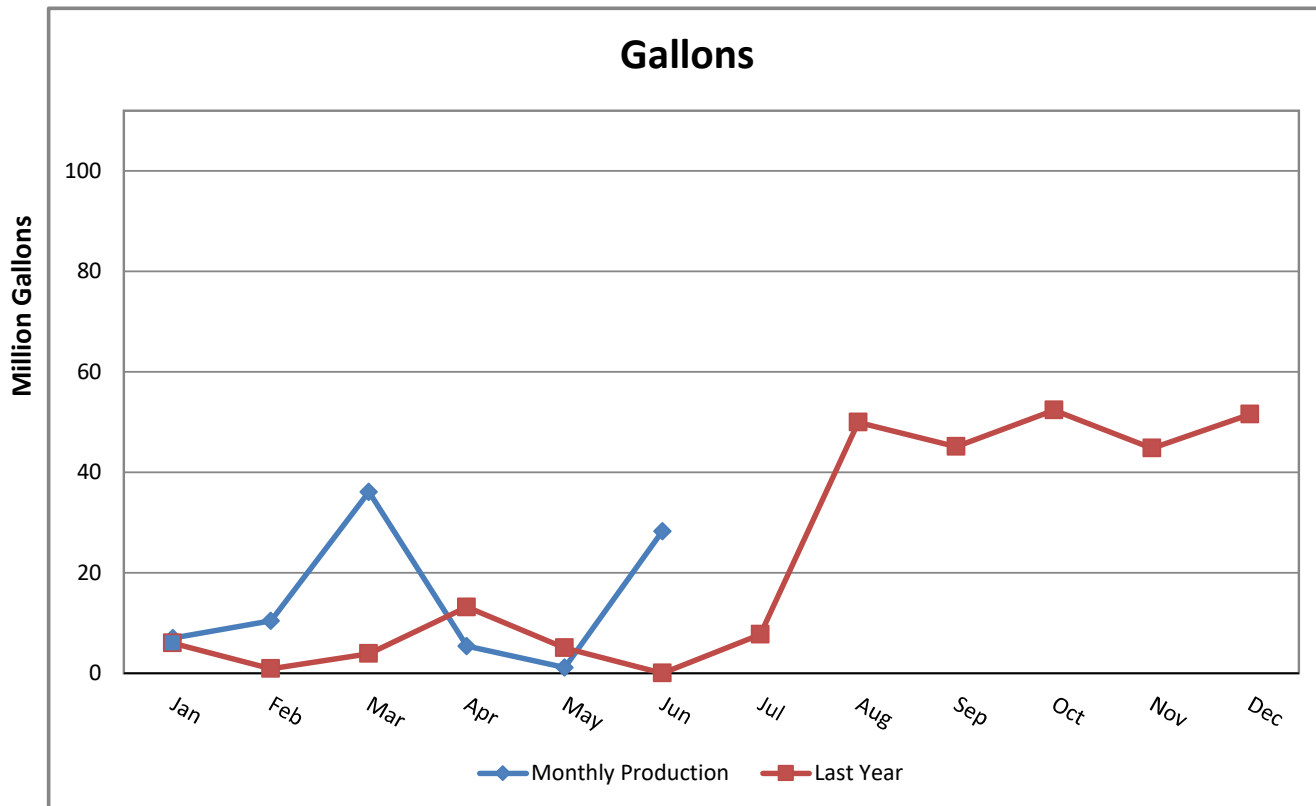
Motor Temp.: 135.3 F
 Hour Meter: 328.60
 KW Hour Total: 107,520
 (KWH total is for the entire facility)

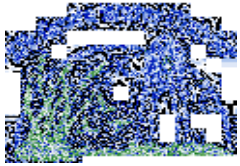
Chlorine:

Dosing: 1.91 mg/L
 Demand: 0.82 mg/L
 Residual: 1.09 mg/L

Vibration Reading:

Base Line: 0.02 in/sec
 Current: 0.02 in/sec





Elk Grove Water District

Monthly Production

Well 8 Williamson -- June 2022
(Submersible)

Selected Month Production

23,504,580 Gallons

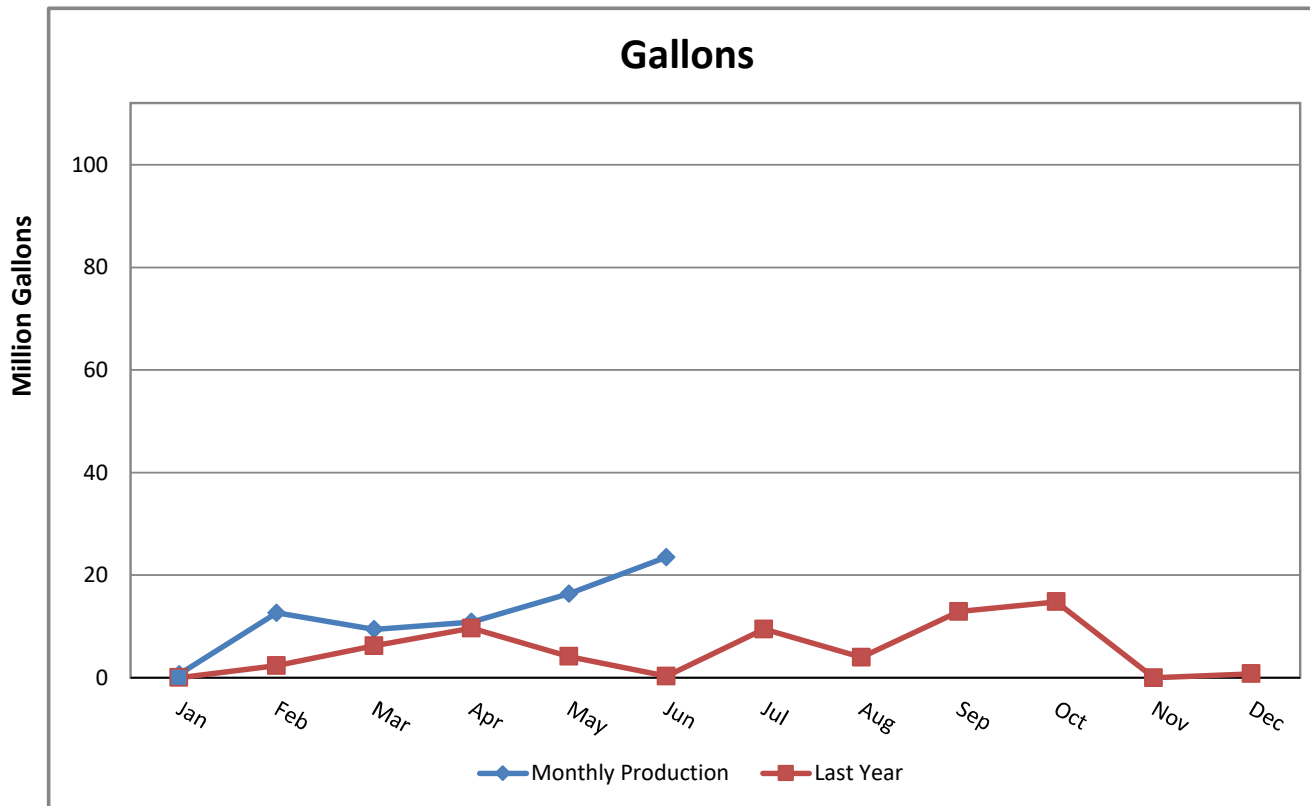
Average GPM: 544
Pump depth: 150 ft
Well depth: 564 ft

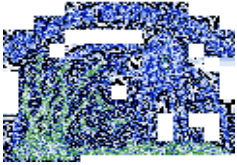
Motor:
Volts: 461
Volts (Rated): 460

Amps A: 61
Amps A (Rated): 65
Amps B: 59
Amps B (Rated): 65
Amps C: 59
Amps C (Rated): 65

Hour Meter: 719.90
KW Hour Total: 28,941

Chlorine:
Dosing: 1.19 mg/L
Demand: 0.3 mg/L
Residual: 0.89 mg/L





Elk Grove Water District

Monthly Production

Well 9 Polhemus -- June 2022
(Submersible)

Selected Month Production

0 Gallons

Average GPM: --
Pump depth: 150 ft
Well depth: 556 ft

Motor:

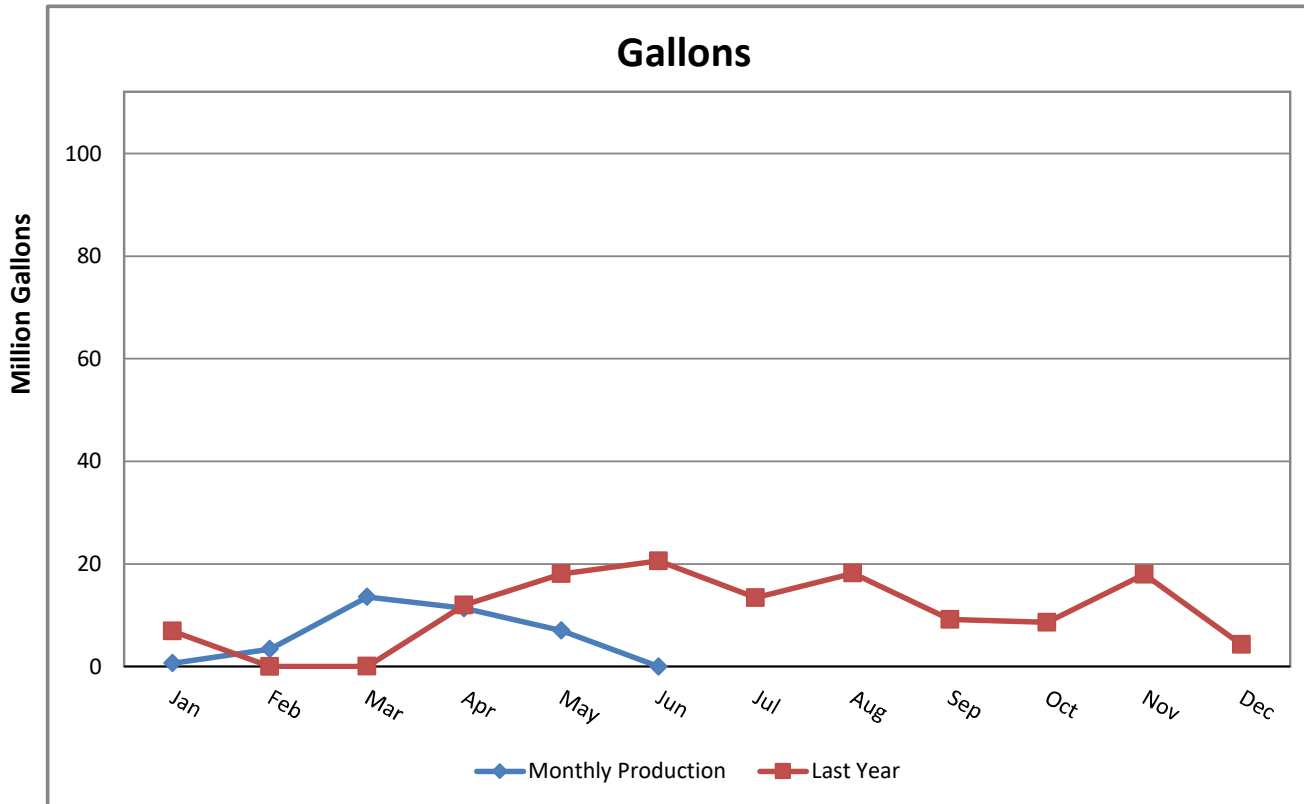
Volts: --
Volts (Rated): 460

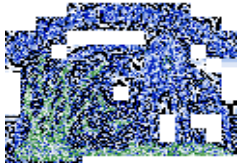
Amps A: --
Amps A (Rated): 65
Amps B: --
Amps B (Rated): 65
Amps C: --
Amps C (Rated): 65

Hour Meter: 0.00
KW Hour Total: 0

Chlorine:

Dosing: -- mg/L
Demand: -- mg/L
Residual: -- mg/L





Elk Grove Water District

Monthly Production

Well 13 Hampton -- June 2022

Selected Month Production

39,194,882 Gallons

Average GPM: 942
 Pump depth: 200 ft
 Well depth: 500 ft

Motor:

Volts: 472
 Volts (Rated): 460
 RPM: 1785
 RPM (Rated): 1785
 Amps A: 103
 Amps A (Rated): 141
 Amps B: 104
 Amps B (Rated): 141
 Amps C: 107
 Amps C (Rated): 141

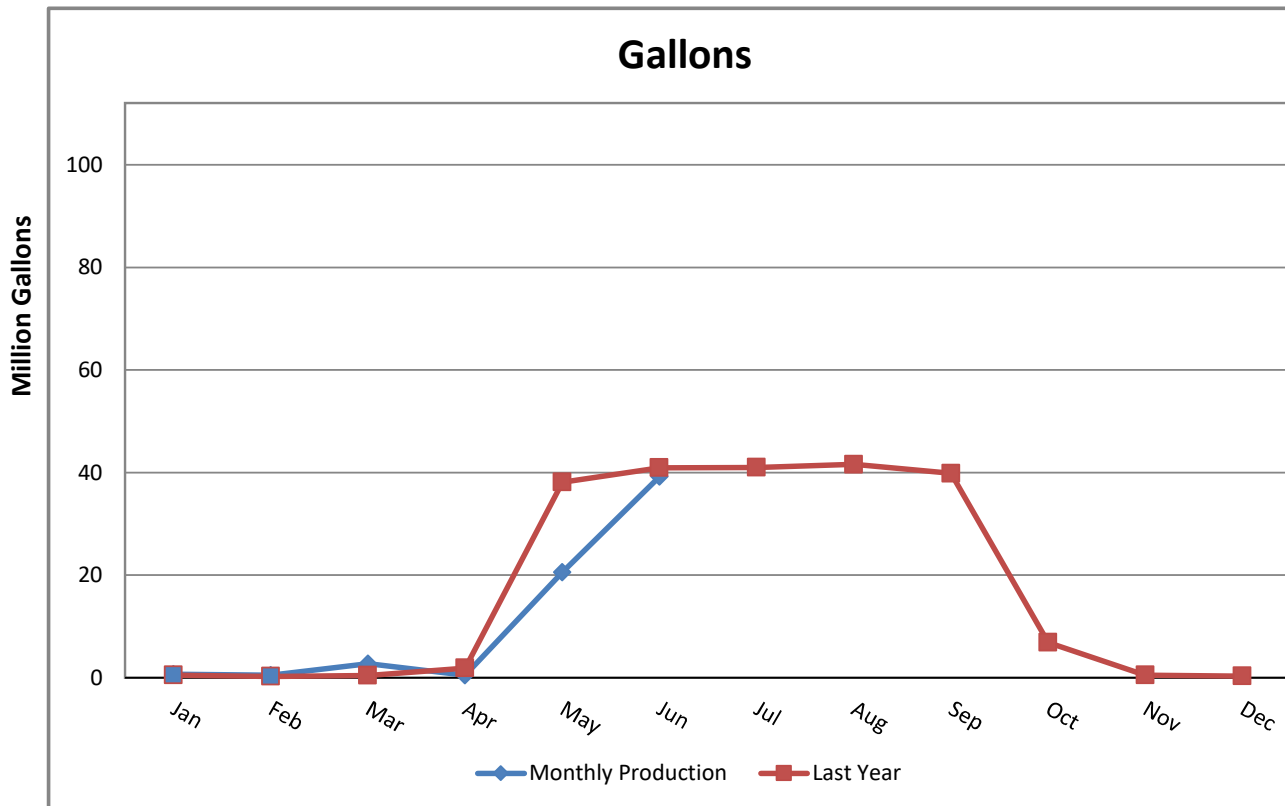
Motor Temp.: 151.8 F
 Hour Meter: 693.4
 KW Hour Total: 51,600

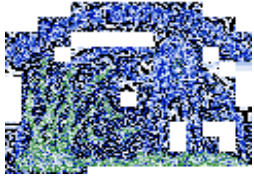
Chlorine:

Dosing: 1.28 mg/L
 Demand: 0.30 mg/L
 Residual: 0.98 mg/L

Vibration Reading:

Base Line: 0.02 in/sec
 Current: 0.01 in/sec





Elk Grove Water District

Combined Total Production

Service Area 1

Jun-2022

Current Month Production:

155,597,114 Gallons

Highest Day Demand of the Month:

5,873,175

Date of Occurrence

28-Jun-22

Highest Day Demand of the Calendar Year:

5,873,175

Date of Occurrence

28-Jun-22

"Water Year" Rainfall: (Oct-21 to Sep-22)

Current Month: 0.09 in

Year To Date: 16.54 in

"Water Year" Rainfall: (Oct-20 to Sep-21)

June 2021 0.00 in

Year To Date: 6.56 in

Entire Year Total: 6.61 in

Temperature:

This Month High 105 F

This Month Low 51 F

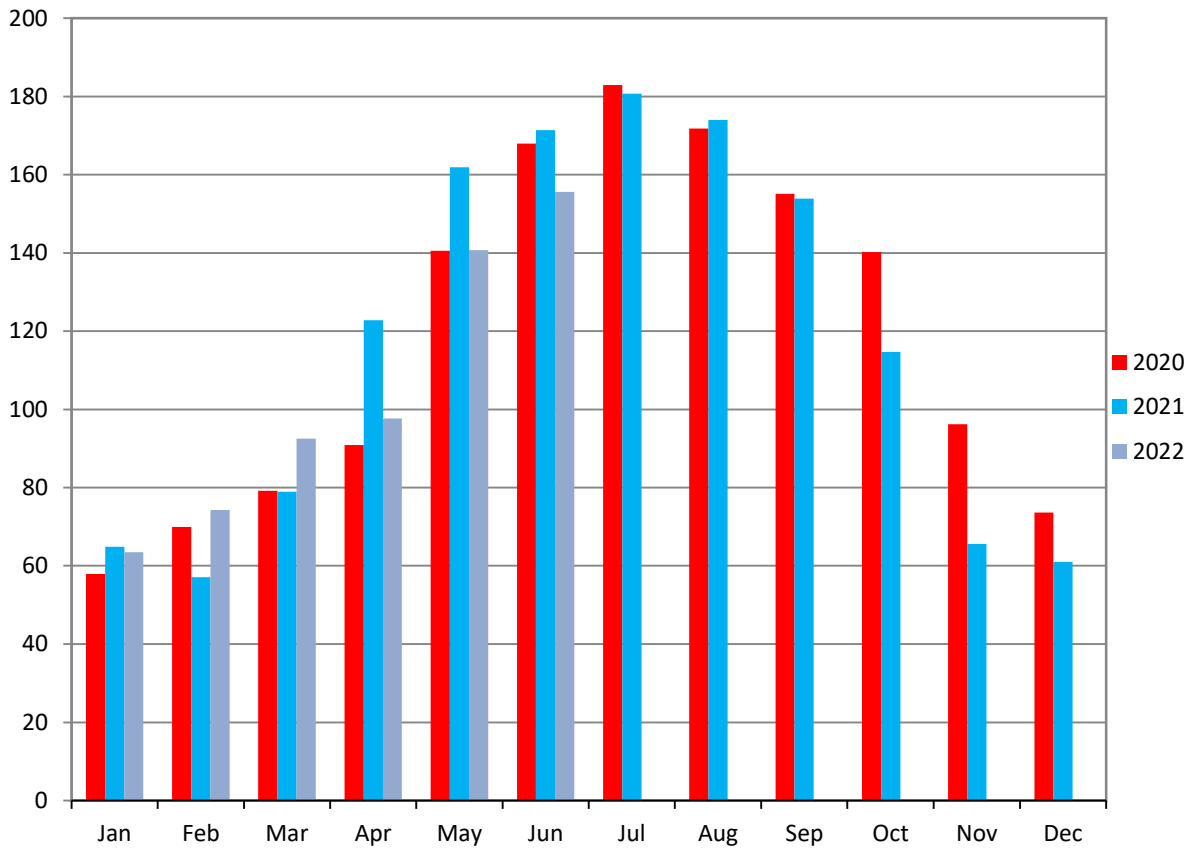
This Month Average 75.5 F

JUN-21 High 109 F

JUN-21 Low 49 F

JUN-21 Average 74.05 F

Million Gallons

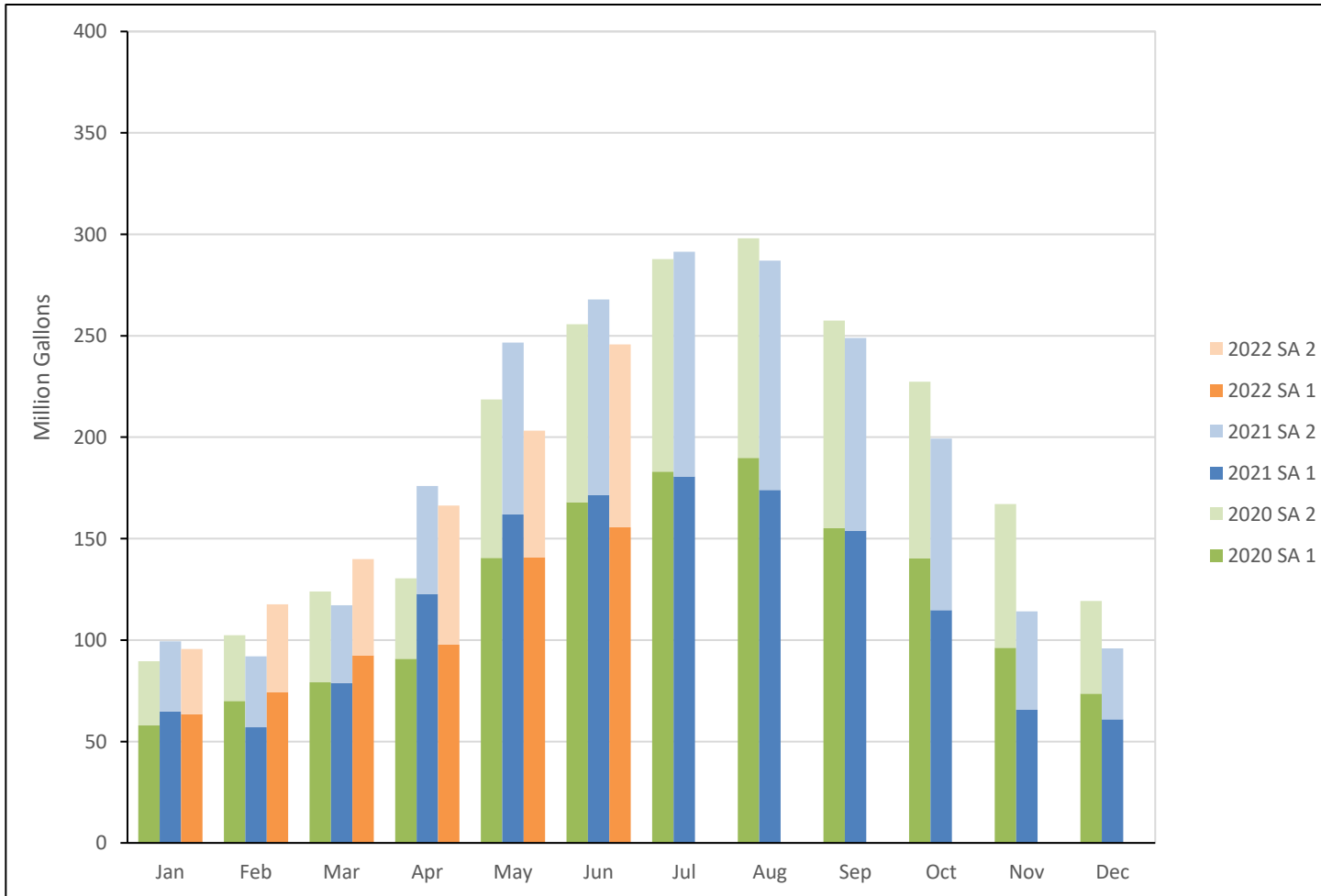




Elk Grove Water District

Total Demand/Production

Jun-2022



Current Month Demand/Production:

245,707,926 Gallons

***Change From June 2020:** -3.91%

GPCD: 174.2 Gallons per Day

R-GPCD: 134.1 Gallons per Day

Service Area 1

Active Connections: 7,936

Current Month Demand/Production:

155,597,114 Gallons

***Change From June 2020:** -7.35%

GPCD: 180.5 Gallons per Day

R-GPCD: 141.6 Gallons per Day

Service Area 2

Active Connections: 4,912

Current Month Demand/Production:

90,110,812 Gallons

***Change From June 2020:** 2.68%

GPCD: 164.3 Gallons per Day

R-GPCD: 122.8 Gallons per Day

*Percent reduction has been changed to percent change. Negative change is reduction and positive change is increase.

Elk Grove Water District Water Usage

----- Monthly Production (gallons) -----

2020	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	57,904,843	69,920,851	79,195,437	90,851,253	140,575,760	167,942,394	182,964,721	189,801,764*	155,126,225	140,229,242	96,201,714	73,624,502	1,444,338,706
Purchased (SA2)	31,743,624	32,416,076	44,764,808	39,523,572	77,964,788	87,759,848	104,799,288	108,177,256	102,434,860	87,187,628	70,876,740	45,577,136	833,225,624
Total	89,648,467	102,336,927	123,960,245	130,374,825	218,540,548	255,702,242	287,764,009	297,979,020	257,561,085	227,416,870	167,078,454	119,201,638	2,277,564,330

2021	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	64,881,378	57,088,452	78,904,998	122,759,415	161,903,489	171,428,103	180,693,083	173,985,025	153,922,309	114,717,480	65,607,814	61,008,401	1,406,899,947
Purchased (SA2)	34,553,112	34,867,272	38,268,428	53,156,620	84,725,960	96,521,920	110,862,576	113,081,144	94,977,300	84,569,628	48,501,816	34,885,972	828,971,748
Total	99,434,490	91,955,724	117,173,426	175,916,035	246,629,449	267,950,023	291,555,659	287,066,169	248,899,609	199,287,108	114,109,630	95,894,373	2,235,871,695

2022	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	63,469,715	74,242,203	92,483,924	97,643,001	140,747,995	155,597,114							624,183,952
Purchased (SA2)	32,115,380	43,369,788	47,452,372	68,588,608	62,494,652	90,110,812							344,131,612
Total	95,585,095	117,611,991	139,936,296	166,231,609	203,242,647	245,707,926	0	0	0	0	0	0	968,315,564

----- Monthly Percent Change - Comparing 2020 to 2022 -----

% Change	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	9.61%	6.18%	16.78%	7.48%	0.12%	-7.35%	-	-	-	-	-	-	-
Purchased (SA2)	1.17%	33.79%	6.00%	73.54%	-19.84%	2.68%	-	-	-	-	-	-	-
Total	6.62%	14.93%	12.89%	27.50%	-7.00%	-3.91%	-	-	-	-	-	-	-
% Cumulative Change	6.62%	11.05%	11.77%	16.37%	8.69%	5.19%	-	-	-	-	-	-	-

***Notes**

2020 August production number for SA1 includes water delivered through open interties with SA2.
 SA1 = Service Area 1, SA2 = Service Area 2. SA1 is all groundwater (GW) production. SA2 is all purchased water from SCWA.
 Charlois and Springhurst Intertie 18,000,000 Gallons
 Charlois Intertie (Aug 2020) 8,706,529 Gallons (Determined from Bruce Kamilos calculations)
 Springhurst Intertie (Aug 2020) 14,511,000 Gallons (Number provided from meter read by SCWA)

Service Area 2 Consumption			
2022	# Accts	CCF	Gallons
Jan	4,902	42,935	32,115,380
Feb	4,906	57,981	43,369,788
Mar	4,908	63,439	47,452,372
Apr	4,908	91,696	68,588,608
May	4,908	83,549	62,494,652
Jun	4,912	120,469	90,110,812
Jul			
Aug			
Sep			
Oct			
Nov			
Dec			

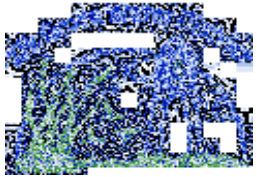


EGWD COMBINED R-GPCD

—●— 2020 —●— 2021 —●— 2022



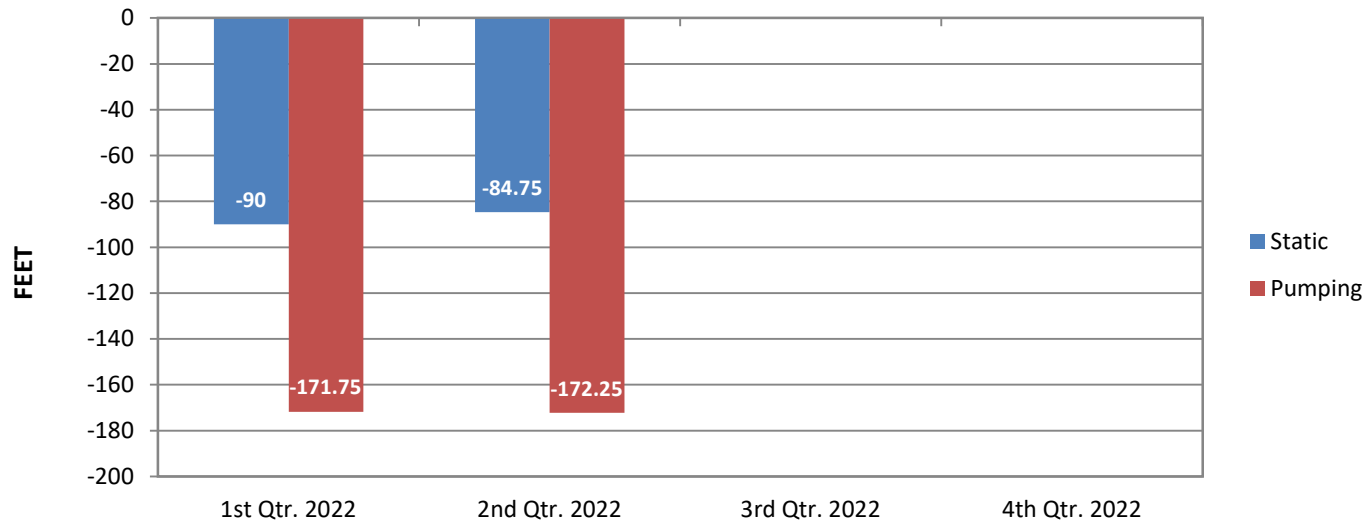
R-GPCD = Residential Gallons per Capita per Day



Elk Grove Water District

Static and Pumping Levels

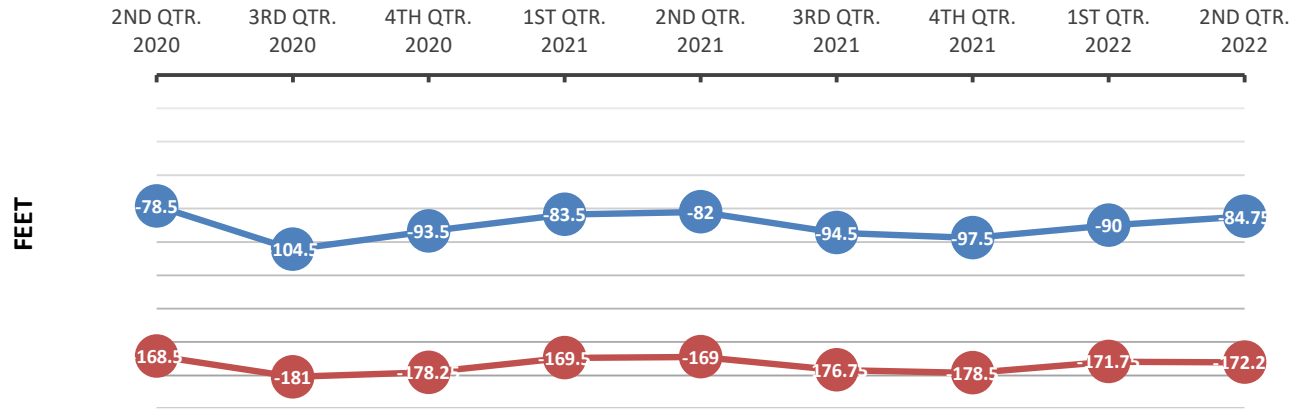
Well 1D School St



Latest Well Sounding

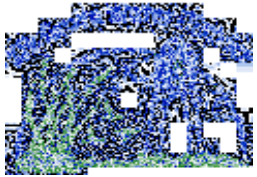
Static:	84.75 Ft
Pumping:	172.25 Ft
Drawdown:	87.5 Ft
GPM:	1,787
Specific Capacity:	20.426

Sounding Quarter/Year



Latest Sand Tester Results:

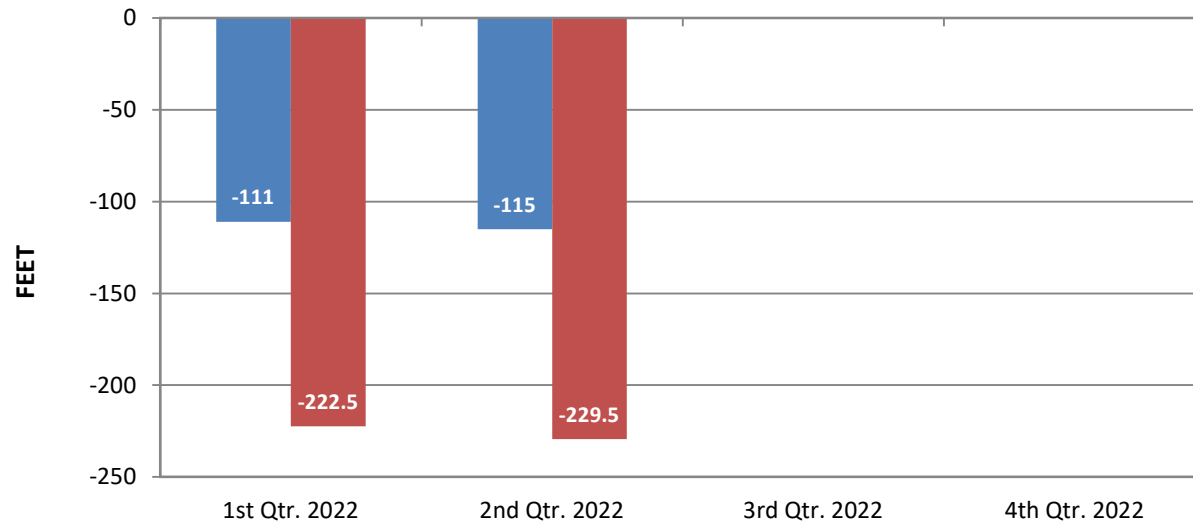
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 4D Webb St

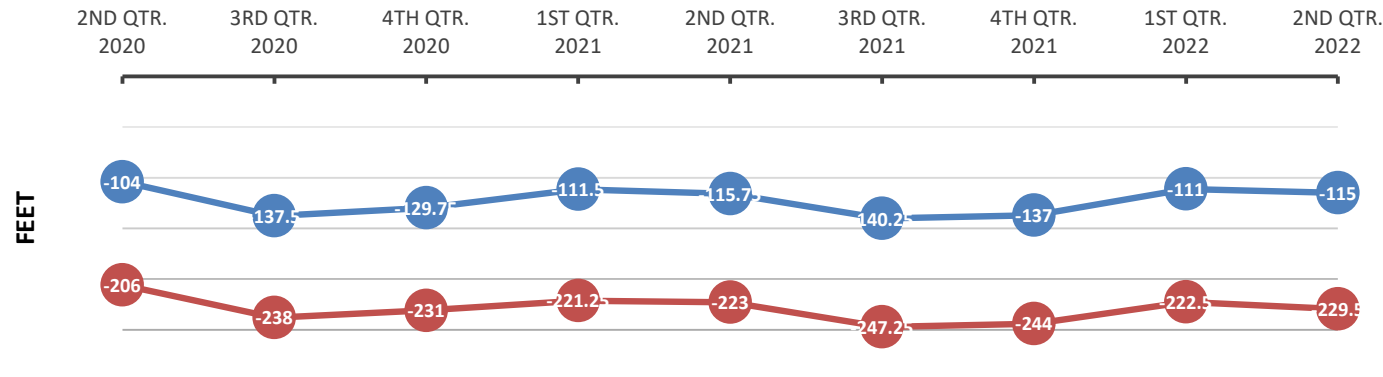


Latest Well Sounding

Static:	115 Ft
Pumping:	229.5 Ft
Drawdown:	114.5 Ft
GPM:	1,708
Specific Capacity:	14.916

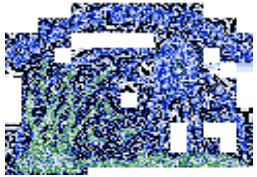
■ Static
■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

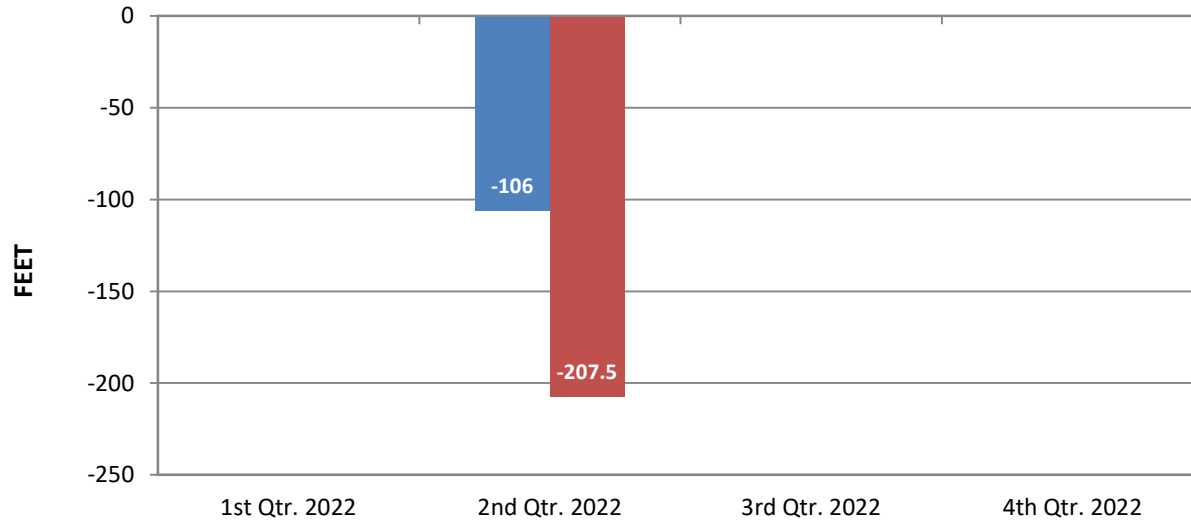
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 11D Dino

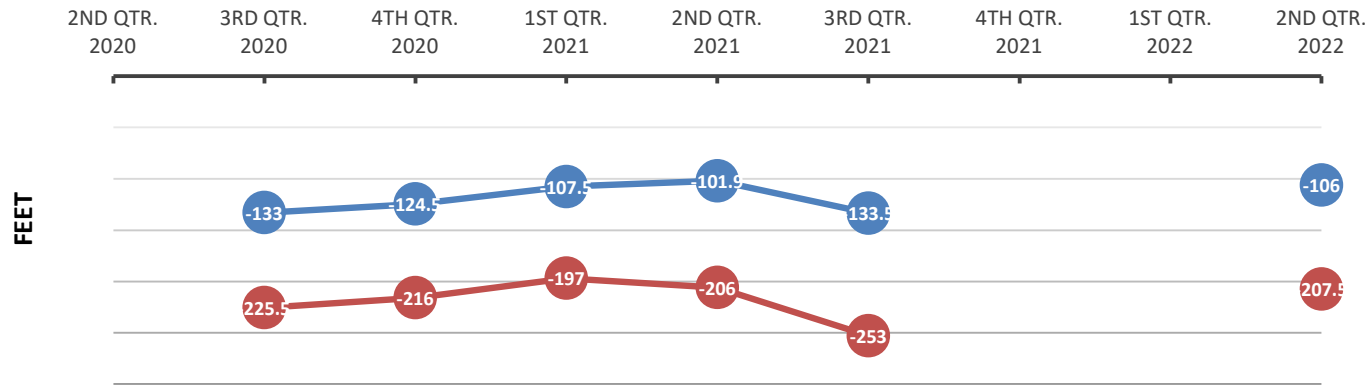


Latest Well Sounding

Static:	106 Ft
Pumping:	207.5 Ft
Drawdown:	101.5 Ft
GPM:	1,717
Specific Capacity:	16.912

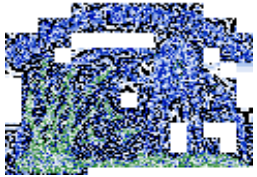
■ Static
■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

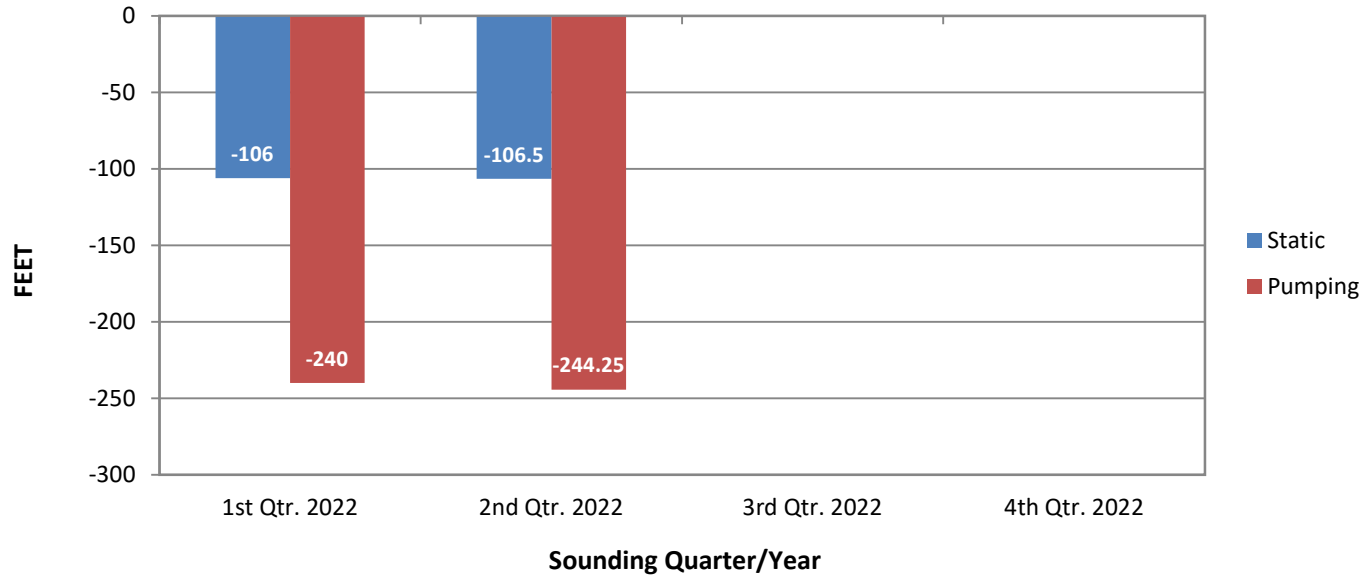
15 Min: < 5 ppm



Elk Grove Water District

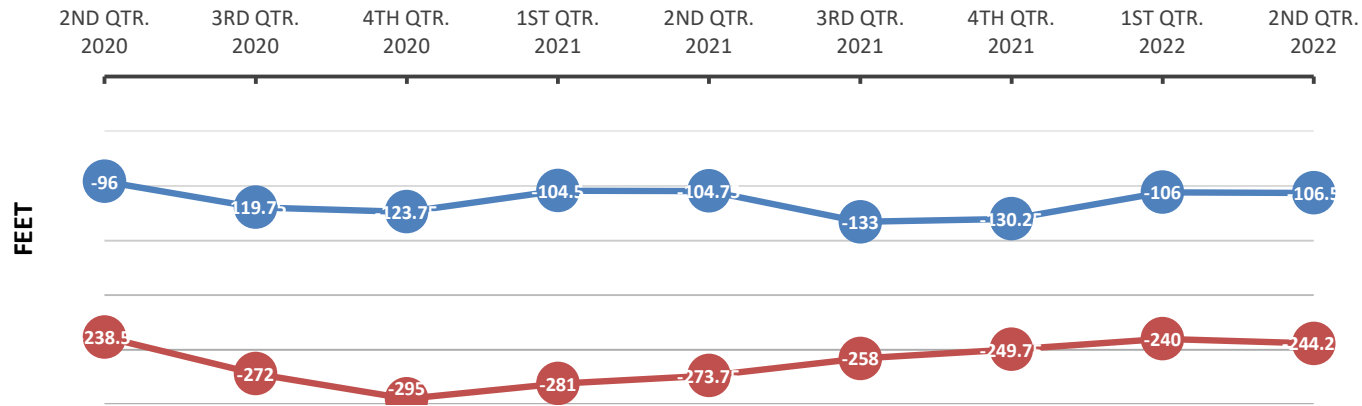
Static and Pumping Levels

Well 14D Railroad



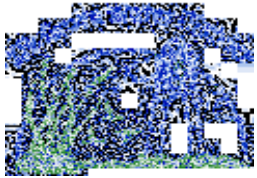
Latest Well Sounding

Static:	106.5 Ft
Pumping:	244.25 Ft
Drawdown:	137.75 Ft
GPM:	1,553
Specific Capacity:	11.277



Latest Sand Tester Results:

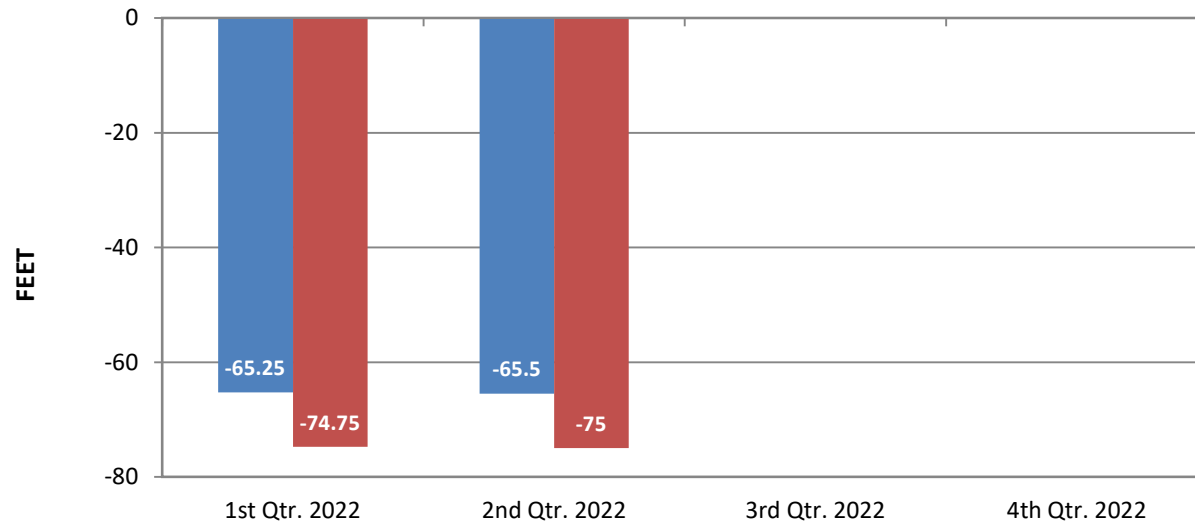
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 8 Williamson

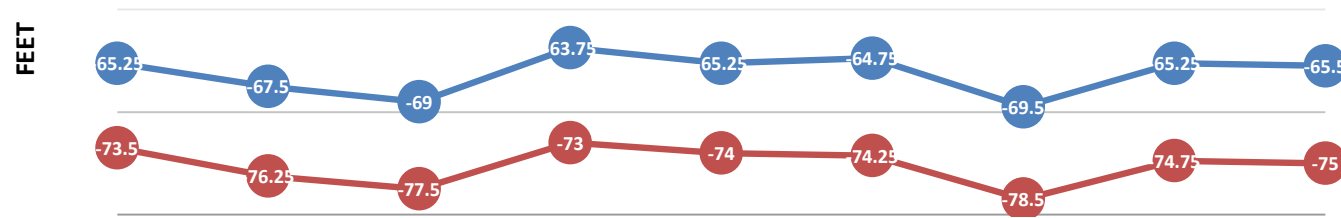


Latest Well Sounding

Static:	65.5 Ft
Pumping:	75 Ft
Drawdown:	9.5 Ft
GPM:	547
Specific Capacity:	57.534

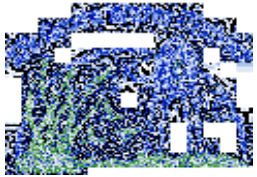
Sounding Quarter/Year

2ND QTR. 2020 3RD QTR. 2020 4TH QTR. 2020 1ST QTR. 2021 2ND QTR. 2021 3RD QTR. 2021 4TH QTR. 2021 1ST QTR. 2022 2ND QTR. 2022



Latest Sand Tester Results:

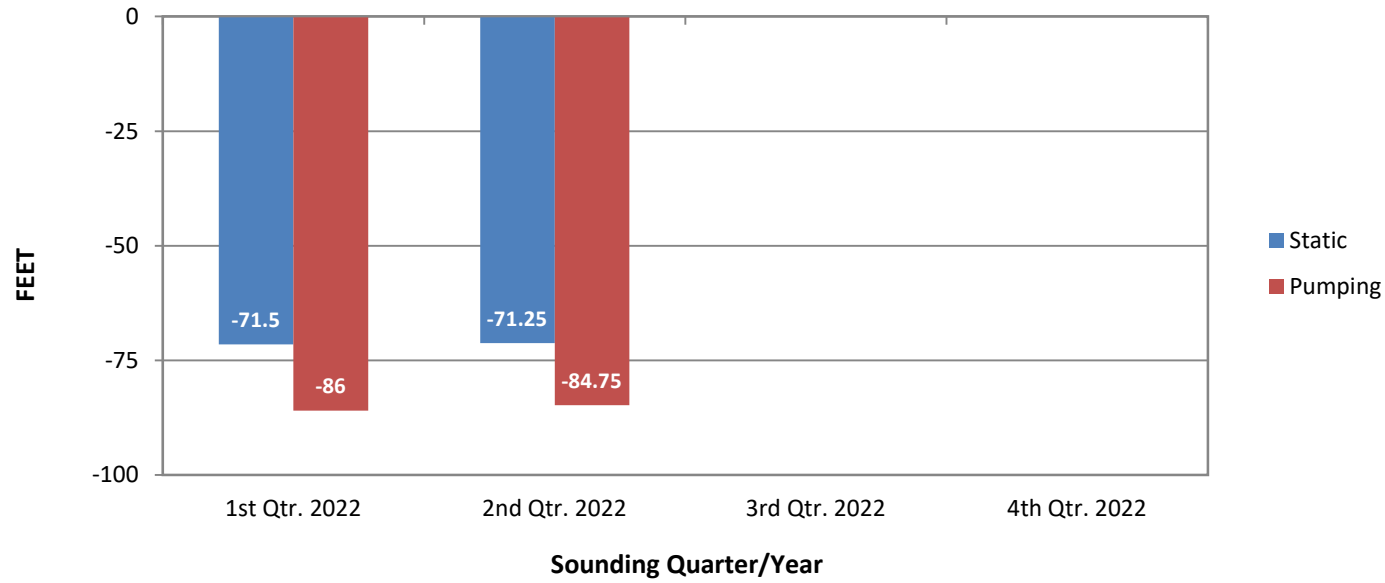
15 Min: < 5 ppm



Elk Grove Water District

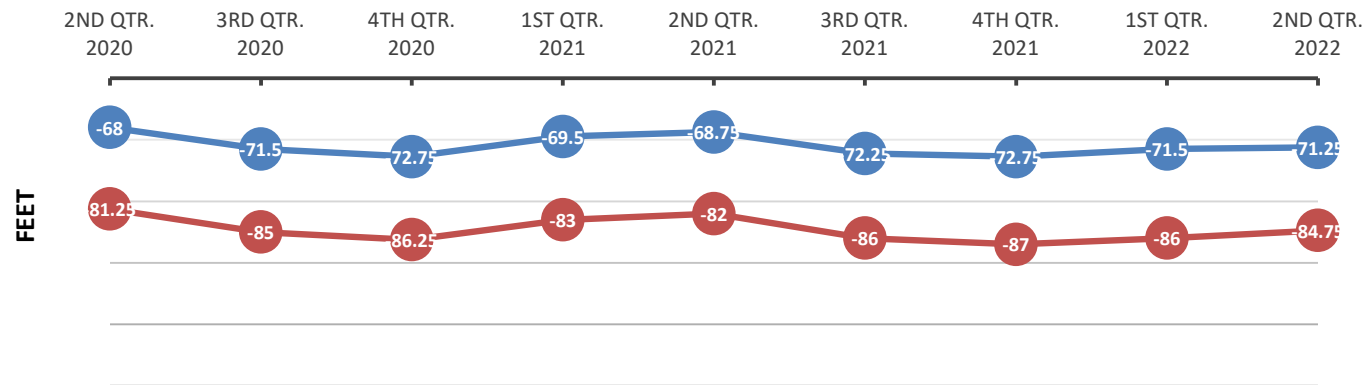
Static and Pumping Levels

Well 9 Polhemus



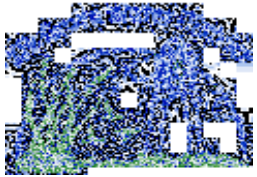
Latest Well Sounding

Static:	71.25 Ft
Pumping:	84.75 Ft
Drawdown:	13.5 Ft
GPM:	498
Specific Capacity:	36.883



Latest Sand Tester Results:

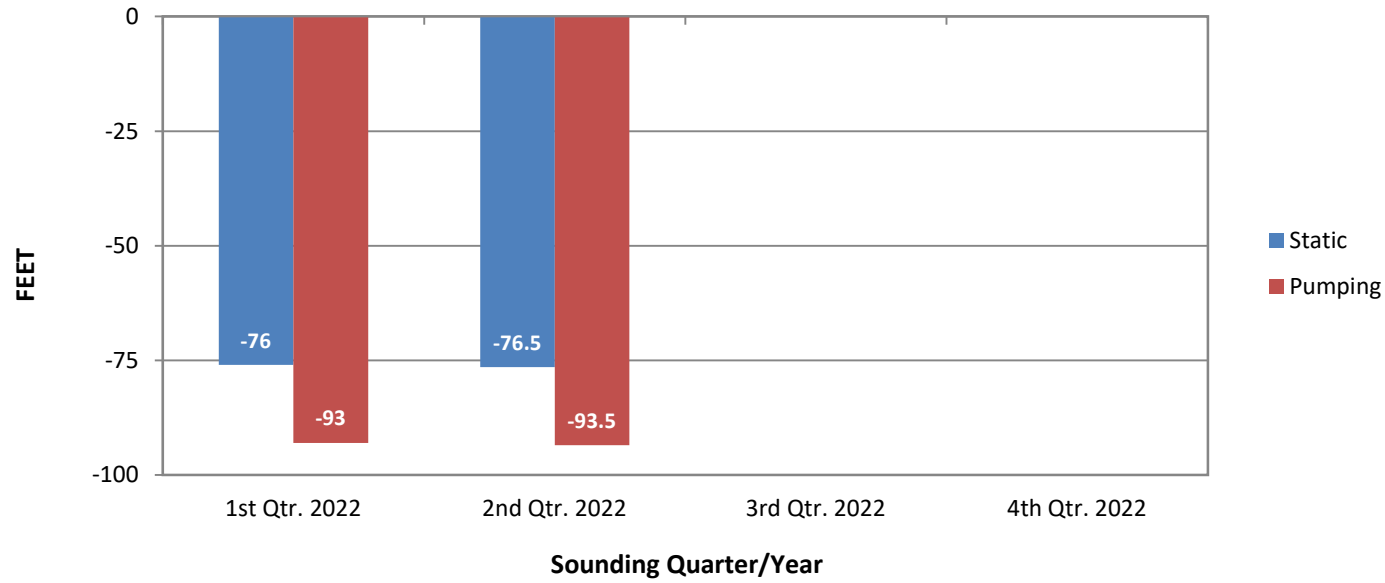
15 Min: < 5 ppm



Elk Grove Water District

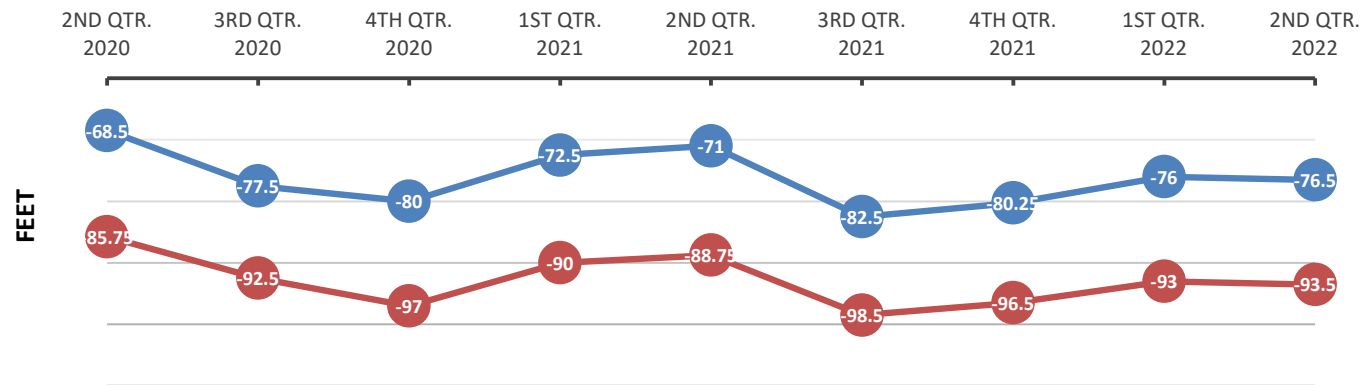
Static and Pumping Levels

Well 13 Hampton



Latest Well Sounding

Static:	76.5 Ft
Pumping:	93.5 Ft
Drawdown:	17 Ft
GPM:	985
Specific Capacity:	57.955



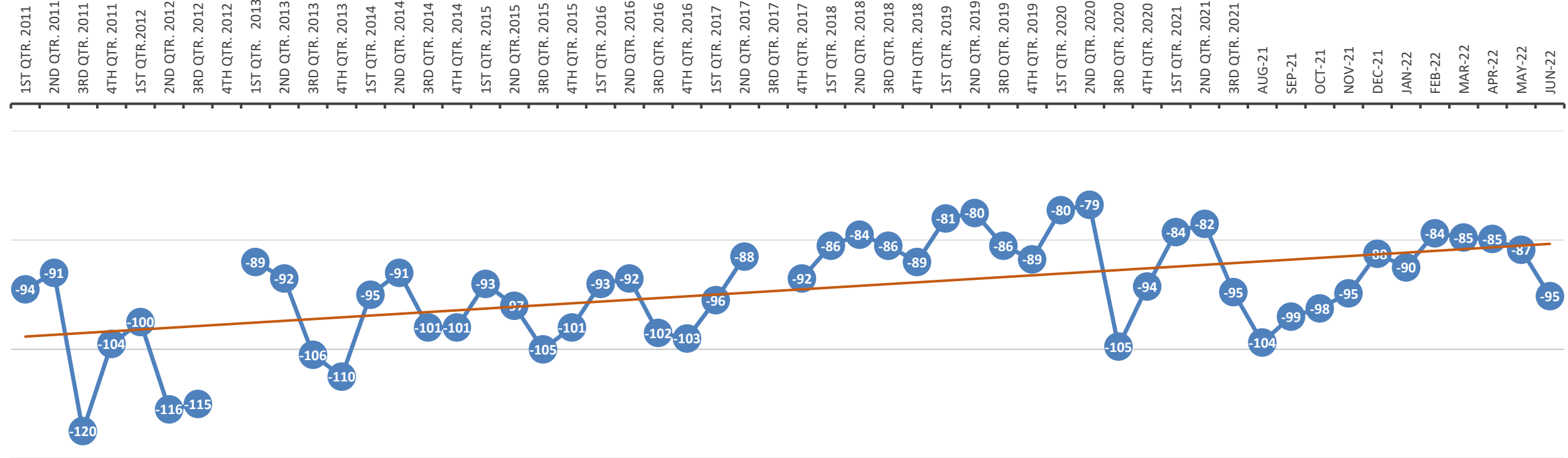
Latest Sand Tester Results:

15 Min:	< 5 ppm
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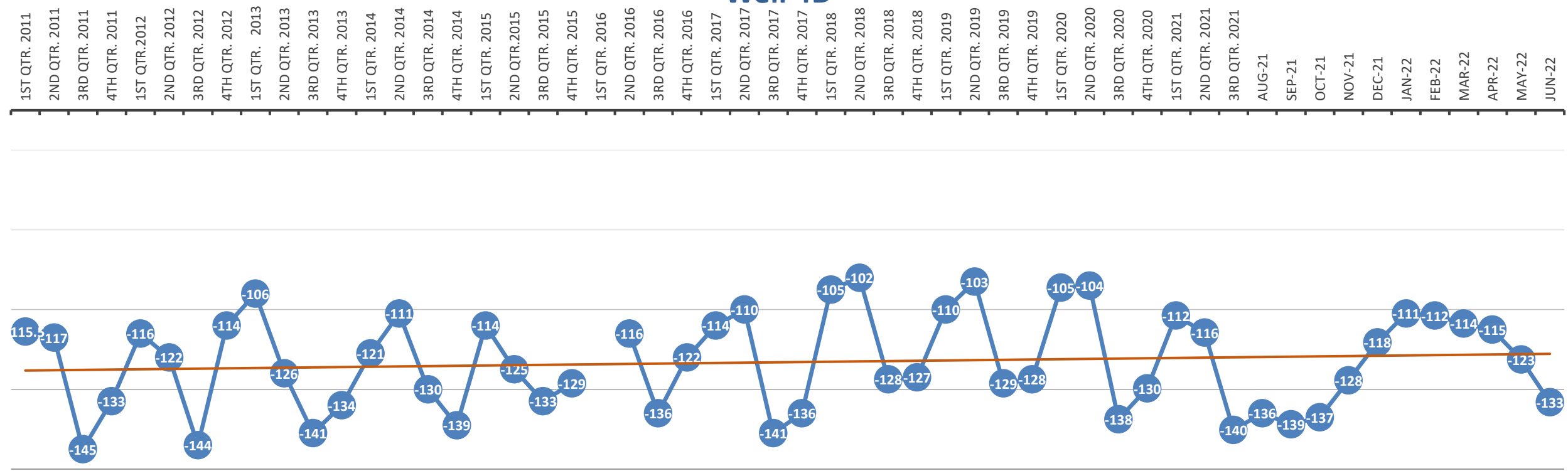


Historic Static Well Levels

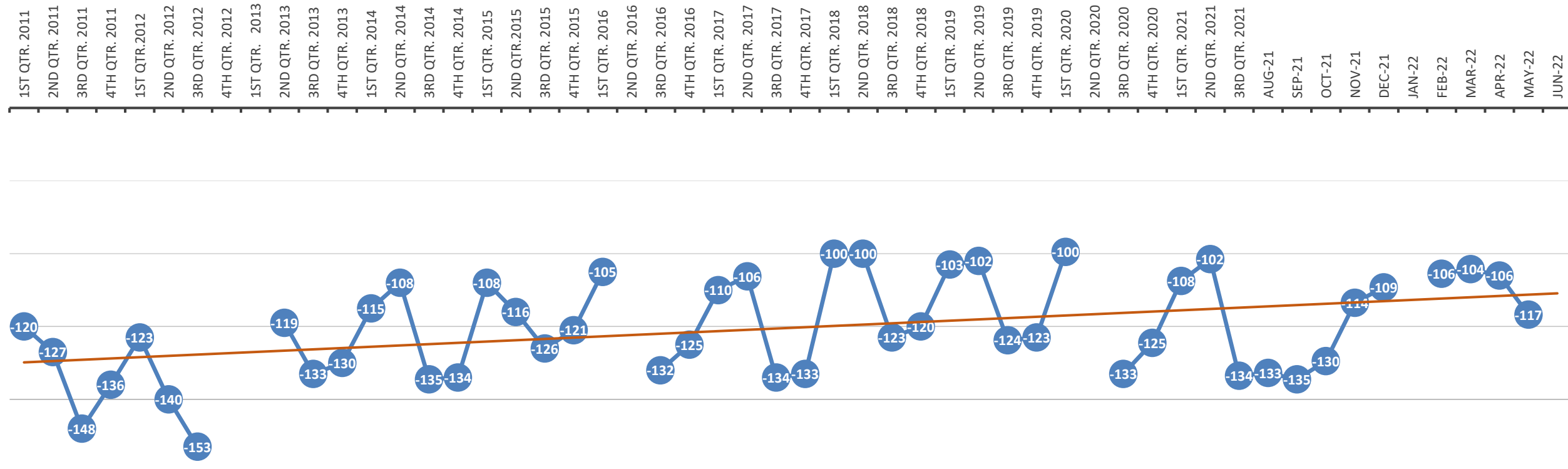
Well 1D



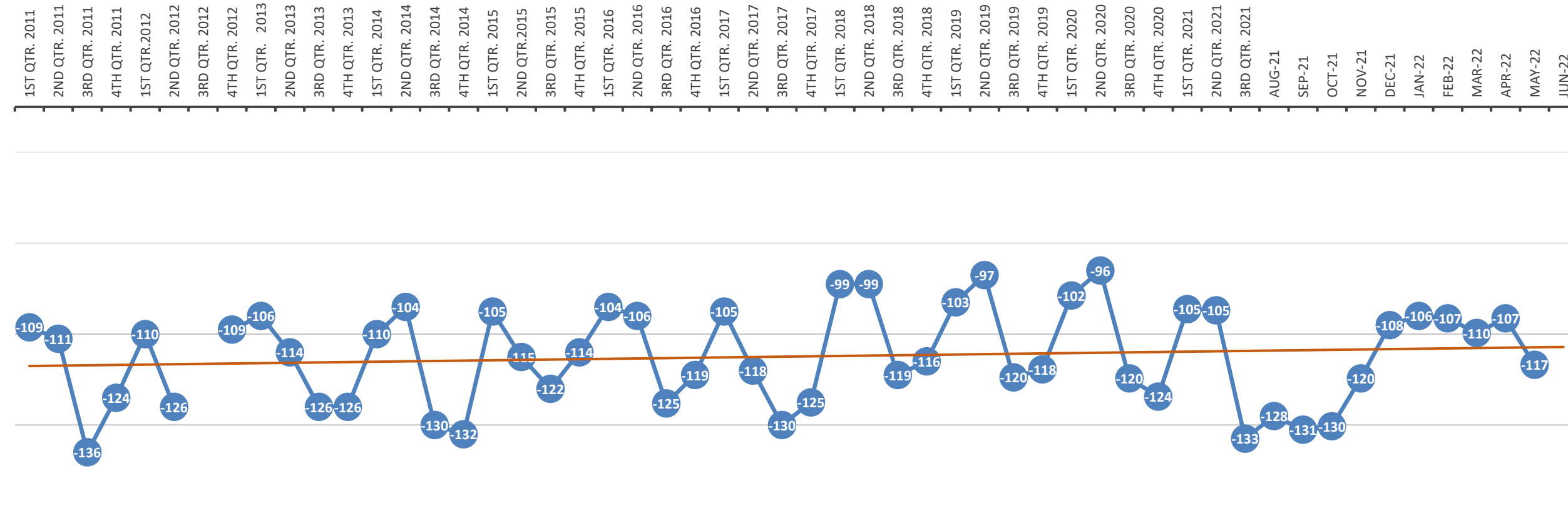
Well 4D



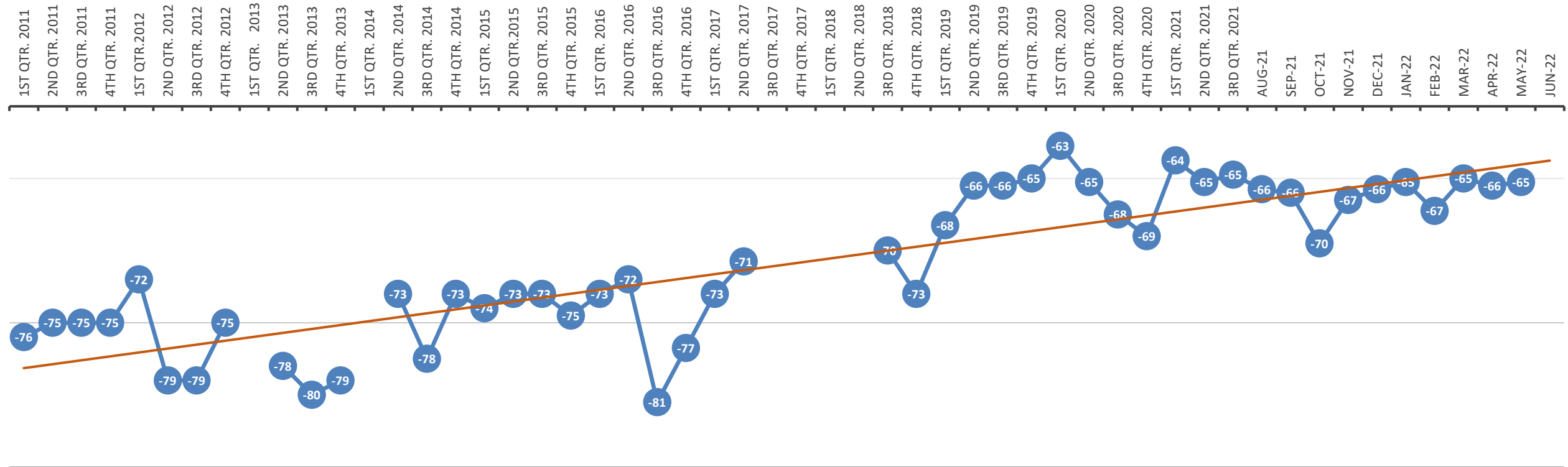
Well 11D



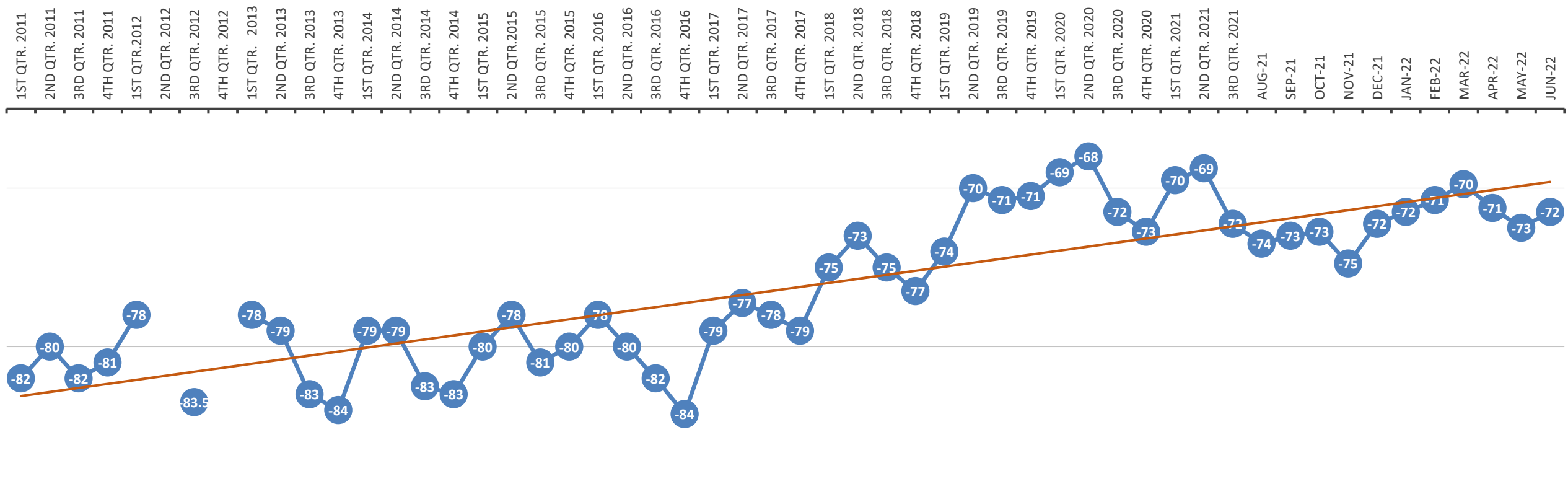
Well 14D



Well 8



Well 9



Monthly Sample Report -June 2022
Water System: Elk Grove Water System

Sampling Point: 01 - 8693 W. Camden

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: School Well 01D - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
			Quarterly

Sampling Point: 02 - 9425 Emerald Vista

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: 03 - 8809 Valley Oak

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: Webb Well 04D - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
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Sampling Point: 04 - 10122 Glacier Point

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: 05 - 9230 Amsden Ct.

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: 06 - 9227 Rancho Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: 07 - Al Gates Park Mainline Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week
6/7/2022	Distribution System	Fluoride	Week

Sampling Point: - Williamson Well 8 Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
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Sampling Point: 08 - 9436 Hollow Springs Wy.

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: Polhemus Well 9 Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
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Sampling Point: 09 - 8417 Blackman Wy.

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: 10 - 9373 Oreo Ranch Cir.

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: 11 - 9907 Kapalua Ln.

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week

Sampling Point: 12-9205 Meadow Grove Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Distribution System	Bacteriological	Week
6/14/2022	Distribution System	Bacteriological	Week
6/21/2022	Distribution System	Bacteriological	Week
6/28/2022	Distribution System	Bacteriological	Week
5/31/2022	Distribution System	Bacteriological	Week

Sampling Point: Dino Well 11D - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
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Sampling Point: Hampton Well 13 - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/6/2022	Source Water	Fe, Mn, As, Total	Weekly
6/13/2022	Source Water	Fe, Mn, As, Total	Weekly
6/21/2022	Source Water	Fe, Mn, As, Total	Weekly
6/27/2022	Source Water	Fe, Mn, As, Total	Weekly

Sampling Point: Hampton WTP Effluent

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/6/2022	Treated Effluent	Fe, Mn, As, Total	Weekly
6/13/2022	Treated Effluent	Fe, Mn, As, Total	Weekly
6/21/2022	Treated Effluent	Fe, Mn, As, Total	Weekly
6/27/2022	Treated Effluent	Fe, Mn, As, Total	Weekly

Sampling Point: Hampton WTP Backwash Tank

Sample Date	Sample Class	Sample Name	Collection Occurrence
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Sampling Point: Railroad Well 14D - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
--------------------	---------------------	--------------------	------------------------------

Sampling Point: Railroad WTP Effluent

Sample Date	Sample Class	Sample Name	Collection Occurrence
6/7/2022	Treated Plant Effluent	WTP Eff - Fe,Mn,As,Al Total	Month

Sampling Point: Railroad WTP Backwash Tank

Sample Date	Sample Class	Sample Name	Collection Occurrence
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Sampling Point: Special Distribution/Construction Samples

Sample Date	Sample Class	Sample Name	Collection Description
6/21/2022	Distribution System	Bacteriological	9699 Railroad New BPA Install
6/14/2022	Distribution System	Bacteriological	CIP Truman St. Main Line Tie In

<u>Colors</u>	<u>Monthly Total</u>	<u>Yearly Total</u>
Black = Scheduled	70	436
Green = Unscheduled	2	28
Red = Incomplete Sample	0	



June 7, 2022

Sacramento Regional County
Sanitation District
Environmental Specialist
10060 Goethe Rd.
Sacramento, CA. 95827

WASTEWATER DISCHARGE COMPLIANCE REPORT FORM

Enclosed is the Wastewater Discharge Compliance Report Form from Elk Grove Water District for June 2022.

If you have any further questions, you may contact me at 916-585-9386

A handwritten signature in blue ink, appearing to read 'STEVE SHAW', is positioned above the printed name.

STEVE SHAW
WATER TREATMENT SUPERVISOR

COMPLIANCE REPORT FORM

Attn: Michelle Pate	E-mail: patem@sacsewer.com	Wastewater Source Control Section
Phone (916) 875-9091		Fax (916) 875-6374
From: Steve Shaw		
Company: Elk Grove Water District		Permit # WTP010

The following reports and information are attached (check all that apply):

Month:	June	Year:	2022
---------------	-------------	--------------	-------------

Water use/flow meter report
 Hampton WTP- 1,105,485 Gallons
 Railroad WTP - 0 Gallons
 Analyzer Water -34,560 Gallons

	Date	Time	pH
Monitoring results/analytical report Hampton WTP			
Railroad WTP			

Discharge Rate
 Check the statement below that applies to this report:
 Based on a review of this facility's flow data, discharge rate limit was exceeded.
 I certify that this facility is in compliance with the discharge rate limit.

Attached is a description of anticipated changes that may significantly alter the nature, quality, or volume of the wastewater discharged.

Flow monitoring equipment certification (Flow or pH meter, etc.)

Other (describe): Slug and sampling Control Plan

Domestic Calculation

Domestic Usage	Number of Employees	Business Days per Month	Allowance (gallons per day)	Gallons
Production	11	19	15	3,135
Office	4	19	10	760
Drivers/Field	3	19	3	171
Total				4,066

Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations".

SIGNATURE of Authorized Representative: 

PRINTED NAME, TITLE: Steve Shaw Water Treatment Supervisor
 (Name) (Title)

DATE: 7-7-2022



July 6, 2022

State Water Resources Control Board
Division of Drinking Water
1001 I Street
13th Floor
Sacramento, CA. 95814

MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM MONITORING

Enclosed is the Monthly Summary of Distribution System Coliform Monitoring report from Elk Grove Water District for June 2022.

If you have any further questions, you may contact me at 916-585-9386.

STEVE SHAW
WATER TREATMENT SUPERVISOR

MONTHLY SUMMARY OF REVISED TOTAL COLIFORM RULE DISTRIBUTION SYSTEM MONITORING (including triggered source monitoring for systems subject to the Groundwater Rule)

System Name <div style="text-align: center; font-size: 1.2em;">Elk Grove Water District</div>	System Number <div style="text-align: center; font-size: 1.2em;">3410008</div>
Sampling Period	
Month <div style="text-align: center; color: blue; font-weight: bold;">June</div>	Year <div style="text-align: center; font-size: 1.2em;">2022</div>

	Number Required	Number Collected	Number Total Coliform Positives	Number E.coli Positives
1. Routine Samples (see note 1)	60	60	0	0
2. Repeat Samples following samples that are Total Coliform Positive and <i>E.coli</i> Negative (see notes 10 and 11)		0	0	0
3. Repeat Samples following Routine Samples that are Total Coliform Positive and <i>E. coli</i> Positive (see notes 10 and 11)		0	0	0
4. Treatment Technique (TT)/MCL Violation Computation for Total Coliform/ <i>E. coli</i> Positive Samples				
a. Totals (sum of columns)	60	60	0	0
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100] =	0	%		
c. Did the system trigger... a Level 2 Assessment TT? (see notes 2, 3, 4, 5 and 6 for trigger info)			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If a Level 2 Assessment is triggered, see note 8 below.</i>				
a Level 1 Assessment TT? (see note 7 for trigger info)			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If a Level 1 Assessment is triggered, see note 9 below.</i>				
5. Triggered Source Samples per Groundwater Rule (see notes 12 and 13)		0	0	0
6. Invalidated Samples (Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				
7. Summary Completed By: Steve Shaw				
Signature 	Title <div style="text-align: center; font-weight: bold;">Water Treatment Supervisor</div>	Date <div style="text-align: right; color: blue; font-weight: bold;">7/6/2022</div>		

NOTES AND INSTRUCTIONS:

1. Routine samples include:
 - a. Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422.
 - b. Extra samples are required for systems collecting less than five routine samples per month that had one or more total coliform positives in previous month.
 - c. Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;
2. Note: For a repeat sample following a total coliform positive sample, any *E.coli* positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Division** (22, CCR, Section 64426.1).
3. Note: For repeat sample following a *E.coli* positive sample, any total coliform positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Division** (22, CCR, Section 64426.1).
4. Note: Failure to take all required repeat samples following an *E. coli* positive routine sample (22, CCR, Section 64426.1) **constitutes an MCL violation and requires immediate notification to the Division** (22, CCR, Section 64426.1).
5. Note: Failure to test for *E. coli* when any repeat sample tests positive for total coliform (22, CCR, Section 64426.1) **constitutes an MCL violation and requires immediate notification to the Division** (22, CCR, Section 64426.1).
6. Note: Second Level 1 treatment technique trigger in a rolling 12-month period.
7. Total coliform Treatment Technique (TT) Violation (**Notify Department within 24 hours of TT violation**):
 - a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the TT is violated and a Level 1 Assessment is required.
 - b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the TT is violated and a Level 1 Assessment is required.
8. Contact the Division as soon as practical to arrange for the division to conduct a Level 2 Assessment of the water system. The water system shall complete a Level 2 Assessment and submit it to the Division within 30 days of learning of the trigger exceedance.
9. Conduct a Level 1 Assessment in accordance with as soon as practical that covers the minimum elements (22, CCR, Section 64426.8 (a), (2)). Submit the report to the Division within 30 days of learning of the trigger exceedance.
10. Positive results and their associated repeat samples are to be tracked on the Coliform Monitoring Worksheet.
11. Repeat samples must be collected within 24 hours of being notified of the positive results. For systems collecting more than one routine sample per month, three repeat samples must be collected for each total coliform positive sample. For systems collecting one or fewer routine samples per month, four repeat samples must be collected for each total coliform positive sample. At least three samples shall be taken the month following a total coliform positive.
12. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
13. For triggered sample(s) required as a result of a total coliform routine positive sample, an *E.coli* positive triggered sample (boxed entry) **requires immediate notification to the Division, Tier 1 public notification, and corrective action.**



July 6, 2022

State Water Resources Control Board
Division of Drinking Water
1001 I Street
13th Floor
Sacramento, CA. 95814

MONTHLY SUMMARY OF THE HAMPTON GROUNDWATER TREATMENT PLANT

Enclosed is the Monthly Summary of the Hampton GWTP report from Elk Grove Water District for June 2022.

If you have any further questions, you may contact me at 916-585-9386.

A handwritten signature in blue ink, appearing to read "Steve Shaw", is written above the printed name.

STEVE SHAW
WATER TREATMENT SUPERVISOR

Elk Grove Water District

Hampton GWTP Monthly Report

PWS Number

3410008-013

Month:

June

GWTP Name

Hampton Water Treatment Plant

Date	Hour Meter	Run Hours	Production Meter	Well Production	Backwash Meter	Backwash Waste	Weekly In-House Monitoring (mg/L) R (Raw) T (Treated) As (ug/L)							Weekly Average	
last day	22120.4		301743857		27229132	32788759	Date	Fe, R	Fe, T	Mn, R	Mn, T	As, R	As, T		
1	22121.5	1.1	301804666	60809	27229132	32792210	6/6/2022	0.001	0.037	0.017	0.001	4	1	Inf. pH Eff. pH	
2	22143.2	21.7	303038967	1234301	27254840	32821067	6/13/2022	0.011	0.119	0.019	0.009	13	2	Week 1: 6.9 to 7.1	
3	22166.7	23.5	304368599	1329632	27284126	32857120	6/21/2022	0	0.045	0.006	0	13	2	Cl2	1.13
4	22190.2	23.5	305698204	1329605	27317143	32896201	6/27/2022	0	0.123	0.012	0.004	10	2	Week 2: 6.9 to 7.1	
5	22214	23.8	307062370	1364166	27350393	32935244								Cl2	1.04
6	22238.8	24.8	308453700	1391330	27383585	32974217								Week 3: 7.0 to 7.1	
7	22263.1	24.3	309825789	1372089	27416739	3301317	Total Gallons Sodium Hypochlorite: 349.5 Gal						Cl2	0.96	
8	22287.2	24.1	311186711	1355174	27449884	33051997	Pounds per day 14.09 Lbs/Day						Week 4: 7.0 to 7.1		
9	22311.1	23.9	312541885	1391544	27483039	33090810	Dosage (Milligrams Per Liter @ 12.5% Cl) 1.8 mg/L						Cl2	0.92	
10	22335.7	24.6	313933429	1317981	27516127	33129600							Week 5: to		
11	22359.1	23.4	315251410	1370262	27549203	33168277	Total Gallons Ferric Chloride: 242.7 Gal						Cl2		
12	22383.3	24.2	316621672	1344483	27582279	33207072	Dosage (Milligrams Per Liter @ 38% FeCl) .65mg/L								
13	22407.1	23.8	317966155	1324160	27615325	33245826									
14	22430.5	23.4	319290315	1367046	27648470	33282853	Total Gallons Sodium Hydroxide: 305.8 Gal								
15	22454.6	24.1	320657361	1346255	27681488	33319696	Dosage (Gallons Per Hour @ 30% NaOH) 0.48 Gal/Hr								
16	22478.4	23.8	322003616	1370587	27710959	33356375									
17	22502.7	24.3	323374203	1360486	27744072	33395161	Total Gallons Sulfuric Acid : 252.9 Gal								
18	22526.8	24.1	324734689	1328440	27777159	33431774	Dose (Gallons Per Hour @ 93% H2SO4) 0.33 Gal/Hr								
19	22550.4	23.6	326063129	1353741	27806717	33467420									
20	22574.3	23.9	327416870	1319624	27836285	33505330	Total Backwashed		938,909 Gal		Total Run Hours		693.4Hours		
21	22597.6	23.3	328736494	1374006	27869575	33544310									
22	22621.9	24.3	330110500	1343796	27902782	33583287	Total Water Pumped		39,194,882Gal		Total Backwash Waste		1,105,485Gal		
23	22645.8	23.9	331454296	1350317	27935870	33622085									
24	22669.8	24	332804613	1463106	27968925	33660923	Reporting Limits/Units			Maximum Contaminant Levels (MCLs)					
25	22695.7	25.9	334267719	1264067	28002066	33699722	Iron = 0.100 mg/L			Iron (Fe) = 0.300 mg/L (Secondary)					
26	22718	22.3	335531786	1340569	28035212	33738597	Manganese = 0.010 mg/L			Manganese (Mn) = 0.050 mg/L (Secondary)					
27	22741.8	23.8	336872355	1386815	28068511	337877629	Arsenic = 1.0 µg/L			Arsenic (As) = 10 µg/L (Primary)					
28	22766.3	24.5	338259170	1349621	28101643	33816464									
29	22790.2	23.9	339608791	1329948	28134825	33855334									
30	22813.8	23.6	340938739	1329948	28168041	33894244	Prepared By: Steve Shaw						Date: 7/6/2022		
31															
Total		693.4		39,194,882	938,909	1,105,485									



July 6, 2022

State Water Resources Control Board
Division of Drinking Water
1001 I Street
13th Floor
Sacramento, Ca. 95814

MONTHLY FLUORIDATION MONITORING REPORT

Enclosed is the Monthly Summary of the Fluoridation Monitoring from Elk Grove Water District for June 2022.

If you have any further questions, you may contact me at 916-585-9386.

A handwritten signature in blue ink, appearing to read "STEVE SHAW". The signature is stylized and fluid.

STEVE SHAW
WATER TREATMENT SUPERVISOR

ELK GROVE WATER DISTRICT AREA 2

DISTRIBUTION SYSTEM MONTHLY FLUORIDATION MONITORING REPORT June-22

Week	Location of Sample	Monitoring Results (mg/L)		
		Date	Time	Results
1	Hollow Springs	6/7/2022	9:56 AM	0.65
1	Kapalua	6/7/2022	10:20 AM	0.81
1	Al Gates Park	6/7/2022	10:49 AM	0.67
1	Oreo Ranch	6/7/2022	11:07 AM	0.65
1	Blackman	6/7/2022	12:19 PM	0.69
2	Hollow Springs	6/14/2022	8:53 AM	0.79
2	Kapalua	6/14/2022	9:30 AM	0.86
2	Al Gates Park	6/14/2022	9:55 AM	0.77
2	Oreo Ranch	6/14/2022	10:24 AM	0.77
2	Blackman	6/14/2022	11:52 AM	0.7
3	Hollow Springs	6/21/2022	9:30 AM	0.7
3	Kapalua	6/21/2022	9:48 AM	0.6
3	Al Gates Park	6/21/2022	10:15 AM	0.73
3	Oreo Ranch	6/21/2022	10:28 AM	0.67
3	Blackman	6/21/2022	11:16 AM	0.76
4	Hollow Springs	6/28/2022	10:16 AM	0.76
4	Kapalua	6/28/2022	10:50 AM	0.65
4	Al Gates Park	6/28/2022	11:10 AM	0.85
4	Oreo Ranch	6/28/2022	11:37 AM	0.79
4	Blackman	6/28/2022	12:50 PM	0.74
5	Hollow Springs			
5	Kapalua			
5	Al Gates Park			
5	Oreo Ranch			
5	Blackman			

Monthly fluoride split sample results:

Date: 6/7/2022

Water System Results: 0.67 mg/L

Approved Lab: 0.66 mg/L

Contact Name: Steve Shaw

Telephone : (916) 585-9386

System PWS Number: 3410008



July 6, 2022

State Water Resources Control Board
Division of Drinking Water
1001 I Street
13th Floor
Sacramento, CA 95814

**QUARTERLY REPORT FOR DISINFECTANT RESIDUALS COMPLIANCE
MONITORING**

Enclosed is the Quarterly Report for Disinfectant Residuals Compliance Monitoring from Elk Grove Water District for 2nd Quarter 2022.

If you have any further questions, you may contact me at 916-585-9386

A handwritten signature in blue ink, appearing to read 'STEVE SHAW', is positioned above the printed name.

STEVE SHAW
WATER TREATMENT SUPERVISOR

Quarterly Report for Disinfectant Residuals Compliance For Systems Using Chlorine or Chloramines

System Name: Elk Grove Water District Area 1

System No.: 3410008

Calendar Year: 2022

Quarter: 2nd

1st Quarter					
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)		
Previous Year	April		0.96		
	May		0.99		
	June		1.00		
	July		0.94		
	August		1.00		
	September		0.99		
	October		0.96		
	November		0.99		
	December		0.89		
	Current Year		January	28	0.85
			February	28	0.79
			March	35	0.89
Running Annual Average (RAA):		0.94			
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

2nd Quarter				
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Previous Year	July		0.94	
	August		1.00	
	September		0.99	
	October		0.96	
	November		0.99	
	December		0.89	
	Current Year		January	0.85
			February	0.79
			March	0.89
			April	28
	May		35	0.92
	June		28	0.91
Running Annual Average (RAA):		0.92		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

3rd Quarter				
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Previous Yr	October		0.96	
	November		0.99	
	December		0.89	
Current Year	January		0.85	
	February		0.79	
	March		0.89	
	April		0.86	
	May		0.92	
	June		0.91	
	July		24	0.86
	August		30	0.83
	September		24	0.85
Running Annual Average (RAA):		0.88		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

4th Quarter				
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Current Year	January		0.85	
	February		0.79	
	March		0.89	
	April		0.86	
	May		0.92	
	June		0.91	
	July		0.86	
	August		0.83	
	September		0.85	
	October		24	1.02
	November		30	0.96
	December		25	0.90
Running Annual Average (RAA):		0.89		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Comments: The Elk Grove Water District is split into two different water systems. Area 1 water is produced and distributed by Elk Grove Water District.

Signature: _____

Quarterly Report for Disinfectant Residuals Compliance For Systems Using Chlorine or Chloramines

System Name: Elk Grove Water District Area 2

System No.: 3410008

Calendar Year: 2022

Quarter: 2nd

1st Quarter					
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)		
Previous Year	April		1.19		
	May		1.21		
	June		1.17		
	July		1.14		
	August		1.13		
	September		1.09		
	October		0.94		
	November		0.87		
	December		0.89		
	Current Year		January	20	0.99
			February	20	1.01
			March	25	1.06
Running Annual Average (RAA):			1.06		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

2nd Quarter						
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)			
Previous Year	July		1.14			
	August		1.13			
	September		1.09			
	October		0.94			
	November		0.87			
	December		0.89			
	Current Year		January		0.99	
			February		1.01	
			March		1.06	
			April		21	1.09
			May		25	1.20
			June		20	1.21
Running Annual Average (RAA):			1.05			
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

3rd Quarter					
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)		
Previous Yr	October		0.94		
	November		0.87		
	December		0.89		
Current Year	January			0.99	
	February			1.01	
	March			1.06	
	April			1.09	
	May			1.20	
	June			1.21	
	July			16	1.17
	August			20	1.12
	September			20	1.36
Running Annual Average (RAA):			1.08		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

4th Quarter				
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Current Year	January		0.99	
	February		1.01	
	March		1.06	
	April		1.09	
	May		1.20	
	June		1.21	
	July		1.17	
	August		1.12	
	September		1.36	
	October		16	1.19
	November		20	0.97
	December		19	1.08
Running Annual Average (RAA):			1.12	
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Comments: The Elk Grove Water District is split into two different water systems. Area 2 is whole sale water from Sacramento County Water Agency.

Signature: _____



July 6, 2022

State Water Resources Control Board
Division of Drinking Water
1001 I Street
13th Floor
Sacramento, Ca. 95814

QUARTERLY SUMMARY OF RAW GROUNDWATER COLIFORM MONITORING

Enclosed is the Quarterly Summary of Raw Groundwater Coliform Monitoring report from Elk Grove Water District for 2nd Quarter 2022.

If you have any further questions, you may contact me at 916-585-9386.

A handwritten signature in blue ink, appearing to read 'Steve Shaw', is positioned above the typed name.

STEVE SHAW
WATER TREATMENT SUPERVISOR

QUARTERLY SUMMARY OF RAW GROUNDWATER COLIFORM MONITORING

Samples must be taken prior to chlorination

Water System Name

Elk Grove Water District

Water System Number

3410008

Sampling Period:

Month April-June/ 2nd Quarter

Year 2022

Well Name	Status (On/Off)	Sample Time & Date	Total Coliforms (P/A, CFU or MPN)	<i>E. coli</i> (P/A, CFU or MPN)
Well # 1D School St.	ON	4/26/2022 9:20	A	A
Well # 4D Webb St.	ON	4/18/2022 8:56	A	A
Well # 11D Dino Dr.	ON	4/5/2022 9:35	A	A
Well 14D Railroad St.	ON	4/5/2022 9:05	A	A
Well # 8 Williamson	ON	4/5/2022 9:45	A	A
Well # 9 Polhemus	ON	4/18/2022 9:15	A	A
Well # 13 Hampton	ON	4/18/2021 10:19	A	A



July 6, 2022

State Water Resources Control Board
Division of Drinking Water
1001 I Street
13th Floor
Sacramento CA. 95814

QUARTERLY TTHM AND HAA5 REPORT FOR DISINFECTION BYPRODUCTS COMPLIANCE

Enclosed is the Quarterly TTHM and HAA5 Report from Elk Grove Water District for the 2nd quarter 2022.

If you have any further questions, you may contact me at 916-585-9386.

A handwritten signature in blue ink, appearing to read 'Steve Shaw', is positioned above the name.

STEVE SHAW
WATER TREATMENT SUPERVISOR

Quarterly TTHM Report for Disinfection Byproducts Compliance (in µg/L or ppb)

System Name: Elk Grove Water District System No.: 3410008 Year: 2022 Quarter: 2

Year:	2018				2019				2020				2021				2022			
Quarter:	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Sample Date (month/date):	1/10	4/10	7/3	10/9	1/15	4/9	7/16	10/22	2/4	4/7	7/14	10/6	1/19	4/6	7/6	10/5	1/11	4/5		
Site Q1 TTHM Results	1	3	0	0	45	38	0	1	1	31	0	3	1	40	0	0	0	0		
Lcn. Running Annual Average	1	2	1	1	12	21	21	21	10	8	8	9	9	11	11	10	10	0	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	1	1	23	30	21	10	1	16	8	9	1	21	10	10	0	0	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Site Q2 TTHM Results																				
Lcn. Running Annual Average	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Site Q3 TTHM Results	2	1	0	0	2	0	0	1	2	2	1	2	2	1	1	0	0	0		
Lcn. Running Annual Average	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	1	0	1	1	1	0	1	2	1	1	1	1	1	1	0	0	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Site Q4 TTHM Results	1	1	0	1	3	1	0	0	2	3	0	1	1	1	1	0	0	0		
Lcn. Running Annual Average	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0		
Meets Standard? ¹ (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	1	1	2	2	1	0	1	2	1	1	1	1	1	1	0	0	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Quarterly Average	1	2	0	0	17	13	0	1	2	12	0	2	1	14	1	0	0	0	N/A	N/A
No. Samples This Quarter	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0

Identify the sample locations in the table below.

Site	Sample Location
Q1	9436 Hollow Springs
Q2	
Q3	8693 W. Camden
Q4	9230 Amsden Ct

Comments:

¹ Meets Standard - LRAA, calculated quarterly, is less than 80 ug/L

² Operation Evaluation Req'd - Projected LRAA, calculated quarterly, is greater than 80 ug/L


Signature

July 6, 2022
Date

*If, during the first year of monitoring, any individual quarter's average will cause the running annual average of that system to exceed the standard, then the system is out of compliance at the end of that quarter.

Quarterly HAA5 Report for Disinfection Byproducts Compliance (in µg/L or ppb)

System Name: Elk Grove Water District System No.: 3410008 Year: 2022 Quarter: 2

Year:	2018				2019				2020				2021				2022			
Quarter:	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Sample Date (month/date):	1/10	4/10	7/3	10/9	1/15	4/9	7/16	10/22	2/4	4/7	7/14	10/6	1/19	4/6	7/6	10/5	1/11	4/5		
Site Q1 HAA5 Results	0	0	0	0	29	28	0	0	0	19	0	0	0	21	0	0	0	0		
Lcn. Running Annual Average	0	0	0	0	7	14	14	14	7	5	5	5	5	5	5	5	5	0	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	0	0	15	21	14	7	0	10	5	5	0	11	5	5	0	0	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Site Q2 HAA5 Results																				
Lcn. Running Annual Average	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Site Q3 HAA5 Results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lcn. Running Annual Average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Site Q4 HAA5 Results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lcn. Running Annual Average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Quarterly Average	0	0	0	0	10	9	0	0	0	6	0	0	0	7	0	0	0	0	N/A	N/A
No. Samples This Quarter	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0

Identify the sample locations in the table below.

Site	Sample Location
Q1	9436 Hollow Springs
Q2	
Q3	8693 W. Camden
Q4	9230 Amsden Ct

Comments:

¹ Meets Standard - LRAA, calculated quarterly, is less than 60 ug/L

² Operation Evaluation Req'd - Projected LRAA, calculated quarterly, is greater than 60 ug/L



Signature

July 6, 2022

Date

*If, during the first year of monitoring, any individual quarter's average will cause the running annual average of that system to exceed the standard, then the system is out of compliance at the end of that quarter.

Elk Grove Water District

Preventative Maintenance Program

Groundwater Wells

Monthly													Semi-annual		Annual			
Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1ST 6-MO.	2ND 6-MO.	Refer.	2022	
Well 14D Railroad	Initials	AH	BW	AH	AH	BW	AH						Sect: 7.1	AH		Sect: 7.2		
	Date	1/3/22	2/24/22	3/2/22	4/14/22	5/16/22	6/22/22							6/21/22				
	W.O. #	20385	20463	20536	20622	20689	20827							20834				
Well 4D Webb	Initials	AH	BW	BW	AH	AH	AH						Sect: 8.1	AH/BW		Sect: 8.2		
	Date	1/4/22	2/11/22	3/10/22	4/14/22	5/4/22	6/30/22							6/16/22				
	W.O. #	20386	20464	20537	20623	20690	20828							20835				
Well 11D Dino	Initials	AH	AH	AH	AH	BW	AH						Sect: 9.1	AH		Sect: 9.2		
	Date			3/28/22	4/19/22	5/2/22	6/27/22							6/21/22				
	W.O. #	20387	20465	20538	20624	20691	20829							20836				
Well 1D School	Initials	AH	BW	AH	AH	AH	AH						Sect: 13.1	AH/BW		Sect: 13.2		
	Date	1/5/22	2/24/22	3/1/22	4/19/22	5/20/22	6/27/22							6/16/22				
	W.O. #	20388	20466	20539	20625	20692	20830							20837				
Well 8 Williamson	Initials	BW	BW	BW	BW	BW	BW						Sect: 11.1			Sect: 11.4		
	Date	1/6/22	2/7/22	3/2/22	4/19/22	5/2/22	6/6/22											
	W.O. #	20389	20467	20540	20626	20693	20831											
Well 9 Polhemus	Initials	BW	BW	BW	BW	BW	BW						Sect: TBD			Sect: TBD		
	Date	1/3/22	2/7/22	3/2/22	4/4/22	5/5/22	6/6/22											
	W.O. #	20390	20468	20541	20627	20694	20832											
Well 13 Hampton	Initials	AH	AH	AH	AH	AH	AH						Sect: TBD	AH/BW		Sect: TBD		
	Date	1/6/22	2/22/22	3/28/22	4/4/22	5/18/22	6/22/22							6/16/22				
	W.O. #	20391	20469	20542	20628	20695	20833							20838				

 = Well Rehab.

Year: 2022

Elk Grove Water District

Preventative Maintenance Program

Railroad Water Treatment and Storage Facility

Item	Monthly												Quarterly					Semi-annual					Annual				
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1st	2nd	3rd	4th	Refer.	1 ST 6-	6- 2ND 6-	MO.	MO.	Refer.	2022		
Clor-Tec System	Initials	Section: 4.2	AH/BW	AH	AH	AH	AH	AH																			
	Date		1/14/22	2/17/22	3/7/22	4/22/22	5/19/22	6/22/22																			
	W.O. #		20392	20477	20547	20633	20681	20850																			
Filter System	Initials	Section: 5.1	AH/BW	AH	AH	AH/BW	AH	AH																			
	Date		1/12/22	2/11/22	3/9/22	4/18/22	5/17/22	6/14/22																			
	W.O. #		20393	20478	20548	20634	20682	20851																			
Backwash System	Initials	Section: 2.1	BW	AH	BW	BW	AH	AH																			
	Date		1/28/22	2/15/22	3/9/22	4/25/22	5/18/22	6/28/22																			
	W.O. #		20394	20479	20549	20635	20683	20852																			
Booster Pumps	Initials	Section: 3.1	BW	AH	BW	BW	BW	AH																			
	Date		1/19/22	2/11/22	3/7/22	4/25/22	5/9/22	6/29/22																			
	W.O. #		20395	20480	20550	20636	20684	20853																			
LAB	Initials																										
	Date																										
	W.O. #																										
Clear Wells	Initials																										
	Date																										
	W.O. #																										
MCC	Initials																										
	Date																										
	W.O. #																										

Year: 2022

Elk Grove Water District

Preventative Maintenance Program

Hampton Village Water Treatment Plant

Item	Monthly													Quarterly					Semi-annual					Annual			
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1st	2nd	3rd	4th	Refer.	1ST MO.	6-2ND MO.	6-	Refer.	2022			
Chemical Systems	Initials	Section: TBD	AH	AH	AH	AH	AH	AH																			
	Date		1/6/22	2/15/22	3/3/22	4/27/22	5/18/22	6/22/22							Section: TBD	3/3/22	6/22/22										
	W.O. #		20396	20470	20552	20638	20678	20839								20555	20842										
Filter System	Initials	Section: TBD	AH	AH	AH	AH	AH	AH																			
	Date		1/6/22	2/15/22	3/3/22	4/27/22	5/18/22	6/22/22																			
	W.O. #		20397	20471	20553	20639	20679	20840																			
Backwash System	Initials	Section: TBD	AH	AH	AH	AH	AH	AH																			
	Date		1/6/22	2/15/22	3/3/22	4/27/22	5/18/22	6/22/22																			
	W.O. #		20398	20472	20554	20640	20680	20841																			
LAB	Initials																										
	Date																										
	W.O. #																										
MCC	Initials																										
	Date																										
	W.O. #																										

Elk Grove Water District

Preventative Maintenance Program

Standby Generators

Item	Monthly													Annual		
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	2022	
Railroad	Initials	AH	AH	AH	AH	AH	AH							Section: TBD		
	Date	1/14/22	2/22/22	3/25/22	4/26/22	5/20/22	6/23/22									
	W.O. #	20399	20473	20543	20629	20685	20854									
Webb	Initials	AH	BW	BW	AH/BW	BW	AH							Section: TBD		
	Date	1/12/22	2/10/22	3/2/22	4/27/22	5/9/22	6/28/22									
	W.O. #	20400	20474	20544	20630	20686	20855									
Dino	Initials	AH	BW	BW	AH/BW	BW	AH							Section: TBD		
	Date	1/12/22	2/23/22	3/7/22	4/25/22	5/2/22	6/27/22									
	W.O. #	20401	20475	20545	20631	20687	20856									
Admin.	Initials	AH	BW	BW	AH	AH	AH							Section: TBD		
	Date	1/2/22	2/23/22	3/7/22	4/28/22	5/18/22	6/4/22									
	W.O. #	20402	20476	20546	20632	20688	20857									
		= Load test														

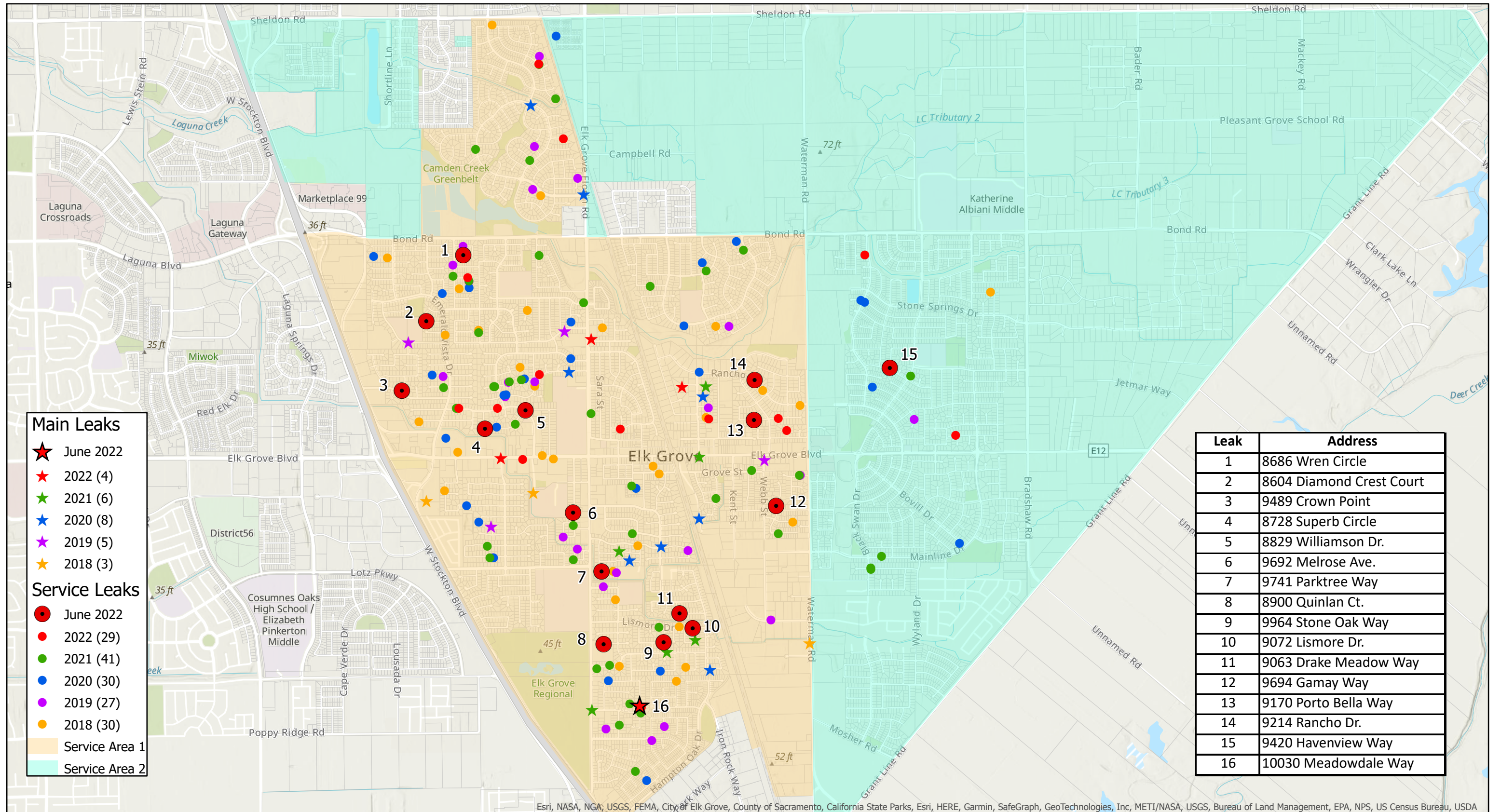
Elk Grove Water District
Cross Connection Control Program 2022

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Totals
First Test Notices Issued	52	46	88	22	63	80							351
Passed First Test Notice	43	25	66	9	30	49							222
Initial Balance	9	21	22	13	33	31							129
Notices Retracted	0	1	0	0	0	0							1
New Balance	9	20	22	13	33	31							128
Devices sent to contractor for testing				13	33	31							13
Second Test Notices Issued	9	20	22										51
Passed Second Test Notice	7	7	9										23
Third Test Notice Issued	2	13	13										28
Passed Third Test Notice	1	13	6										20
Devices Locked Off	0	0	1										1
Devices Tested By Contractor				13	33	31							77
Monthly Outstanding Delinquents	1	0	0	0	0	0	0	0	0	0		0	1
								Total Outstanding Delinquents				1	

January East Lawn 10" device failed. Device is redundant needs to be removed.

Elk Grove Water District
 Safety Meetings/Training
 June 2022

Date	Topic	Attendees	Hosted By
6/6/2022	Heat Illness Prevention	Alan Aragon, David Frederick, Aaron Hewitt, James Hinegardner, Brandon Kent, Justin Mello, Jose Mendoza, Sal Mendoza, Michael Montiel, Chris Phillips, Steve Shaw, John Vance, Brandon Wagner, Marcell Wilson, Vue Xiong	Steve Shaw & David Frederick
6/21/2022	Hazard Communication	Alan Aragon, Stefan Chanh, Jaylyn Gordon-Ford, David Frederick, Aaron Hewitt, James Hinegardner, Sean Hinton, Brandon Kent, Jose Mendoza, Sal Mendoza, Chris Phillips, Steve Shaw, John Vance, Brandon Wagner, Marcell Wilson, Vue Xiong	Steve Shaw & Sean Hinton



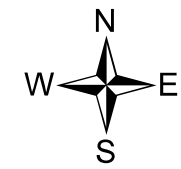
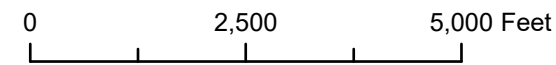
- Main Leaks**
- ★ June 2022
 - ★ 2022 (4)
 - ★ 2021 (6)
 - ★ 2020 (8)
 - ★ 2019 (5)
 - ★ 2018 (3)
- Service Leaks**
- June 2022
 - 2022 (29)
 - 2021 (41)
 - 2020 (30)
 - 2019 (27)
 - 2018 (30)
- Service Area 1
 Service Area 2

Leak	Address
1	8686 Wren Circle
2	8604 Diamond Crest Court
3	9489 Crown Point
4	8728 Superb Circle
5	8829 Williamson Dr.
6	9692 Melrose Ave.
7	9741 Parktree Way
8	8900 Quinlan Ct.
9	9964 Stone Oak Way
10	9072 Lismore Dr.
11	9063 Drake Meadow Way
12	9694 Gamay Way
13	9170 Porto Bella Way
14	9214 Rancho Dr.
15	9420 Havenview Way
16	10030 Meadowdale Way

June 2022	
Main Line Leaks: 1	YTD: 4
Service Line Leaks: 15	YTD: 29
Total Leaks: 16	YTD: 33

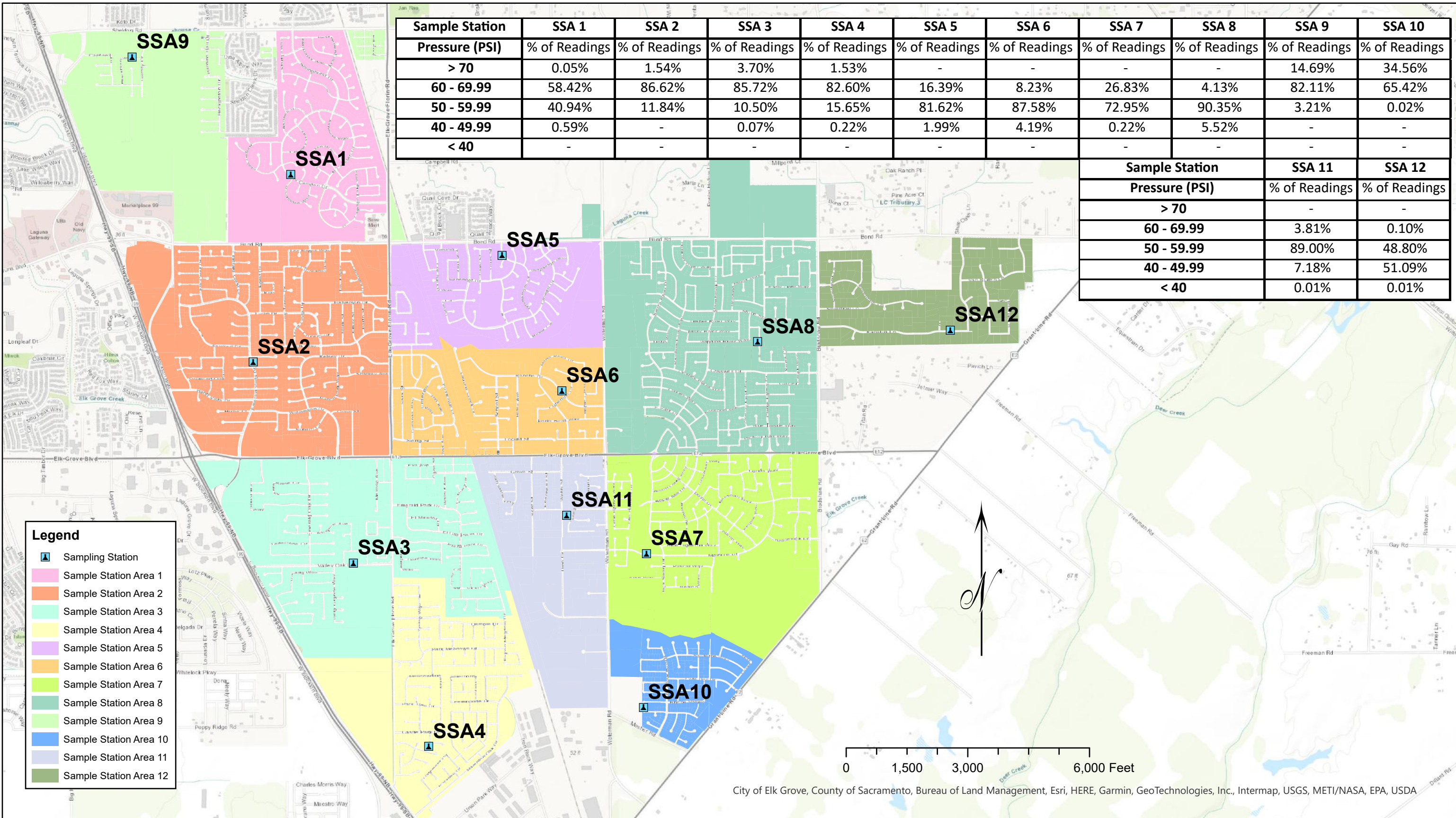


Elk Grove Water District Main and Service Line Leaks Map



Elk Grove Water District	
Main & Service Line Leaks	
Created by: Richard Ko	
Date: July 6, 2022	

Esri, NASA, NGA, USGS, FEMA, City of Elk Grove, County of Sacramento, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA



- Legend**
- Sampling Station
 - Sample Station Area 1
 - Sample Station Area 2
 - Sample Station Area 3
 - Sample Station Area 4
 - Sample Station Area 5
 - Sample Station Area 6
 - Sample Station Area 7
 - Sample Station Area 8
 - Sample Station Area 9
 - Sample Station Area 10
 - Sample Station Area 11
 - Sample Station Area 12

Sample Stations: 12

June 2022



Elk Grove Water District Sample Station Areas

Projected Coordinate System: NAD 83 State Plane CA II FIPS 0402

Source: EGWD GIS Database

Modified by: Richard Ko

July 6, 2022