

**AGENDA
IRVINE RANCH WATER DISTRICT
BOARD OF DIRECTORS
REGULAR MEETING**

March 11, 2024

CALL TO ORDER 5:00 p.m.

PLEDGE OF ALLEGIANCE

ROLL CALL Directors LaMar, McLaughlin, Swan, Withers, and President Reinhart

PUBLIC COMMENT NOTICE

This meeting will be held in-person at the District’s headquarters located at 15600 Sand Canyon Avenue, Irvine, California. The meeting will also be broadcasted via Webex for those wanting to observe the meeting virtually.

To observe this meeting virtually, please join online using the link and information below:

Via Web: <https://irwd.webex.com/irwd/j.php?MTID=m5fc1735966012302d7dea60f165bb31d>
Meeting Number (Access Code): 2480 241 8846
Meeting Password: ZZcJxPua632

PLEASE NOTE: Webex observers of the meeting will be placed into the Webex lobby when the Board enters closed session. Participants who remain in the “lobby” will automatically be returned to the open session of the Board once the closed session has concluded. Observers joining the meeting while the Board is in closed session will receive a notice that the meeting has been locked. They will be able to observe the meeting once the closed session has concluded.

Public comments are limited to three minutes per speaker on each subject. If you wish to address the Board of Directors on any item, you may attend the meeting in person and submit a “speaker slip” to the Secretary. Forms are provided outside of IRWD’s Board Room. If attending via Webex, please submit your request to speak, or your comment, via the “chat” feature and your remarks will be read into the record at the meeting. You may also submit a public comment in advance of the meeting by emailing comments@irwd.com before 12:00 p.m. on Monday, March 11, 2024.

COMMUNICATIONS TO THE BOARD

1. Written:
2. Oral:
3. ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Recommendation: Determine the need to discuss and/or take immediate action on item(s).

PRESENTATIONS

4. PROCLAMATION

A proclamation will be presented to Ms. Leslie Bonkowski for her 46 years of service to the District.

CONSENT CALENDAR, Items 5 through 12

5. BOARD MEETING MINUTES

Recommendation: That the minutes of the February 12, 2024 Regular Board meeting be approved as presented.

6. 2024 LEGISLATIVE AND REGULATORY UPDATE

Recommendation: That the Board adopt a “sponsor/support” position on SB 1218 (Newman); a “watch” position on AB 2579 (Quirk-Silva); and a “seek amendments” position on AB 2729 (Patterson) and SB 1210 (Skinner).

7. JANUARY 2024 TREASURY REPORT

Recommendation: That the Board receive and file the Treasurer’s Investment Summary report, the summary of fixed and variable rate debt, and the disclosure report of reimbursements to Board members and staff, approve the January 2024 summary of payroll ACH payments in the total amount of \$2,504,775, and approve the January 2024 accounts payable disbursement summary of warrants 440235 through 440792, Workers’ Compensation distributions, ACH payments, virtual card payments, wire transfers, payroll withholding distributions, and voided checks in the total amount of \$36,955,448.

8. REVISED PERSONNEL POLICIES AND PROCEDURES

Recommendation: That the Board adopt a resolution superseding Resolution 2023-3 and establishing revised personnel policies and procedures.

Reso. 2024-3

9. PLANNING AREA 1 ORCHARD HILLS NEIGHBORHOOD 4 CONSTRUCTION CHANGE ORDERS

Recommendation: That the Board authorize the General Manager to approve Change Order No. 1 in the amount of \$483,529.48 with Irvine Community Development Company, LLC for the Planning Area 1 Jeffrey Road Extension, Project 12784; authorize a budget addition for Project 12784 in the amount of \$605,000 for the Planning Area 1 Jeffrey Road Extension Domestic Water Improvements; and authorize a budget addition for Project 12948 in the amount of \$259,000 for the Planning Area 1 Orchard Hills Neighborhood 4 Domestic Water Improvements.

CONSENT CALENDAR (CONTINUED)

10. PLANNING AREA 51 HERITAGE FIELDS CAPITAL FACILITIES

That the Board authorize the General Manager to accept Heritage Fields' construction contract with FYDAQ Company, Inc. in the amount of \$1,667,287 for the Marine Way Capital Domestic Water, Sanitary Sewer and Recycled Water Improvements, Projects 12371, 12386, and 12387; and authorize the General Manager to accept Heritage Fields' construction contract with FYDAQ Company, Inc. in the amount of \$232,314.80 for the Lynx Capital Domestic Water and Sanitary Sewer Improvements, Projects 12432 and 12433.

11. THREE-YEAR CATHODIC PROTECTION SYSTEM MONITORING FOR CALENDAR YEARS 2024 THROUGH 2026 – CONSULTANT SELECTION

That the Board authorize the General Manager to execute a Professional Services Agreement in the amount of \$406,337.80 with V&A Consulting Engineers for the Three-Year Cathodic Protection Monitoring for Calendar Years 2024 through 2026.

12. IRWD BUDGET SOFTWARE PROJECT AND CONSULTANT SELECTION

Recommendation: That the Board authorize a budget increase for project 12964 in the amount of \$237,614 and authorize the General Manager to execute a Professional Services Agreement with Questica in the amount of \$477,364 for IRWD Budget Software Project.

ACTION CALENDAR

13. DRAFT TERMS FOR WATER MANAGEMENT PROGRAM AGREEMENT WITH HOMER LLC

Recommendation: That the Board authorize the General Manager to execute a Water Management Program Agreement with Homer LLC based on the terms presented, subject to substantive changes approved by the Supply Reliability Programs Committee and special legal counsel.

14. WELLS 6, 12, 14, AND 15 SITE IMPROVEMENTS CONSULTANT SELECTION

Recommendation: That the Board authorize the General Manager to execute a Professional Services Agreement with Tetra Tech in the amount of \$1,094,000 to provide engineering design services for the Wells 6, 12, 14, and 15 Site Improvements, Project 11570.

OTHER BUSINESS

Pursuant to Government Code Section 54954.2, members of the Board of Directors or staff may ask questions for clarification, make brief announcements, and make brief reports on his/her own activities. The Board or a Board member may provide a reference to staff or other resources for information, request staff to report back at a subsequent meeting concerning any matter, or direct staff to place a matter of business on a future agenda. Such matters may be brought up under the General Manager's Report or Directors' Comments. Pursuant to AB 1234 and Government Code Section 53232.3(d), a written draft report of the meetings that any Board member attended on behalf of IRWD since the last Board Meeting will be available at the table near the Board Room entrance, and will be amended verbally, if necessary, during Directors' Comments.

15. General Manager's Report

16. Receive oral update(s) from District liaison(s) regarding communities within IRWD's service area and interests.


17. Directors' Comments and Meeting Reports

18. Closed Session

A. CONFERENCE WITH LEGAL COUNSEL—EXISTING LITIGATION- Pursuant to Government Code Section 54956.9(d)(1): *Graciela Montejano v. IRWD, Paul Cook and Does 1 through 50*, Case No. 30-2022-01251588-CU-OE-NJC

19. Adjournment

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the above-named Board in connection with a matter subject to discussion or consideration at an open meeting of the Board are available for public inspection in the District's office, 15600 Sand Canyon Avenue, Irvine, California ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District Secretary of the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available electronically via the Webex meeting noted. Upon request, the District will provide for written agenda materials in appropriate alternative formats, and reasonable disability-related modification or accommodation to enable individuals with disabilities to participate in and provide comments at public meetings. Please submit a request, including your name, phone number and/or email address, and a description of the modification, accommodation, or alternative format requested at least two days before the meeting. Requests should be emailed to comments@irwd.com. Requests made by mail must be received at least two days before the meeting. Requests will be granted whenever possible and resolved in favor of accessibility.

March 11, 2024
Prepared and
submitted by: L. Bonkowski
Approved by: Paul A. Cook 

CONSENT CALENDAR

BOARD MEETING MINUTES

SUMMARY:

Provided are the minutes of the February 12, 2024 Regular Board meeting for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE FEBRUARY 12, 2024 REGULAR BOARD MEETING BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

Exhibit "A" – February 12, 2024 Minutes

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Exhibit “A”

MINUTES OF REGULAR MEETING – FEBRUARY 12, 2024

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order by President Reinhart at 5:00 p.m. on February 12, 2024 at the District offices, 15600 Sand Canyon Avenue, Irvine.

Directors Present: McLaughlin, Swan, Withers, LaMar, and Reinhart.

Director Absent: None.

Oral and Written Communications: None.

Items too late to be agendized: None.

Also Present: General Manager Cook, Executive Director of Operations Chambers, Executive Director of Water Policy Weghorst, Executive Director of Technical Services Burton, Director of Water Quality and Regulatory Compliance Colston, Director of Water Resources Sanchez, Director of Human Resources Mitcham, Director of Safety and Security Choi, Director of Maintenance Manning, Director of Water and Recycling Operations Zepeda, Director of Treasury Morris, Director of Strategic Communication and Advocacy Compton, Secretary Bonkowski, Assistant Secretary Swan, General Counsel Collins, Consultant Newell and members of the staff and public.

PRESENTATION

4. 2023 COMMUNICATIONS OUTREACH RESULTS

Using a PowerPoint presentation, Digital Communications Specialist Ancona and Communications Manager Fabris presented to the Board a recap of the District’s digital customer outreach in 2023 noting that to inspire tangible change in customer behavior, staff again focused the outreach campaigns with clear calls to action (e.g., signing up for the Sprinkler Repair Program, attending water efficiency workshops, and participating in the turf-replacement and spray-to-drip-irrigation-conversion rebate programs) and used humor to cut through crises and message fatigue. It was noted that in 2023, IRWD garnered 18,621,720 impressions from its digital communications outreach, nearly twice the 2022 number. The District has also continued to see customer water savings.

Director LaMar said that this item was reviewed by the Water Resources Policy and Communications Committee on February 7, 2024 and the Committee was impressed with the results. Following a few questions from the Board, staff was thanked for their efforts.

CONSENT CALENDAR

On MOTION by LaMar, seconded by McLaughlin and unanimously carried, CONSENT CALENDAR ITEMS 5 THROUGH 7 WERE APPROVED AS FOLLOWS:

5. BOARD MEETING MINUTES

Recommendation: That the minutes of the January 22, 2024 Regular Board meeting be approved as presented.

6. 2024 LEGISLATIVE AND REGULATORY UPDATE

The Board adopt a “sponsor/support” position on AB 1827 (Papan), a “seek amendments” position on AB 805 (Arambula) and SB 937 (Weiner), and a “watch” position on AB 1820 (Schiavo).

7. WATER SUPPLY ASSESSMENTS FOR TUSTIN LEGACY SPECIFIC PLAN AMENDMENT AND TUSTIN MARKET PLACE PROJECT

Recommendation: That the Board approve the Water Supply Assessment for the Tustin Legacy Specific Plan Amendment and the Water Supply Assessment for the Tustin Market Place Project.

OTHER BUSINESS

8. General Manager’s Report

General Manager Cook demonstrated an optional screen that would project Board meeting PowerPoint presentations directly in front of each of the Directors for easier viewing.

9. Receive oral update(s) from District liaison(s) regarding communities within IRWD’s service area and interests.

Consultant Newell said that all is going well in Santiago Canyon.

10. Directors’ Comments and Meeting Reports

Director McLaughlin said that she had no meetings to report.

Director Withers reported on his attendance at an ISDOC quarterly luncheon, a Southern California Water Coalition Quarterly luncheon, a MWDOC Water Policy Forum and dinner, a WACO monthly meeting, and an ISDOC Executive Committee meeting. He said this Wednesday he will be attending an NWRI Board meeting and an OCSD Board meeting.

Director Swan reported on his attendance at a CASA winter conference in Palm Springs, a Quarterly MWDOC / OCWD Joint Planning Committee meeting, a MWDOC Water Policy Forum and dinner, a WACO monthly meeting, a MWDOC Planning and Operations Committee meeting, a Groundwater Banking Joint Powers Authority Board meeting, a MWDOC Workshop Board meeting, a Newport Chambers meeting, a Southern California Dialogue Planning meeting, and a OCWD Board meeting. He said that this Wednesday he will be attending a PPIC California Economic meeting.

Director LaMar said that he attended an ISDOC quarterly luncheon and a Southern California Water Coalition Quarterly luncheon meeting.

10. Directors' Comments and Meeting Reports (continued)

Director Reinhart said that he attended a South Orange County Agencies' Group meeting, a MWDOC Water Policy forum and dinner, an OCWD Communications and Legislation Liaison Committee meeting, a WACO monthly meeting, a Groundwater Banking Joint Powers Authority Board meeting, an OCWD Board meeting, aa OCWD Communications and Legislative Liaison Committee meeting, and a MWDOC meeting.

11. CLOSED SESSION

Legal Counsel Collins said that the following Closed Session would be held:

CONFERENCE WITH LEGAL COUNSEL — EXISTING LITIGATION — Pursuant to Government Code Section 54956.9(d)(1): *Rosedale-Rio Bravo Water Storage District and Irvine Ranch Water District v. The Dow Chemical Company, et al.*, Kern County Superior Court Case No. BCV-22-100041.

12. Open Session

Following the Closed Session, the meeting was reconvened with Directors McLaughlin, Withers, Swan, LaMar and Reinhart present. General Counsel Collins said that there was no action to report.

13. Adjournment

President Reinhart adjourned the meeting at 5:59 p.m.

APPROVED and SIGNED this 11th day of March, 2024.


President, IRVINE RANCH WATER DISTRICT

Secretary, IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

Claire Hervey Collins, General Counsel
Hanson Bridgett LLP

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March 11, 2024
Prepared and
submitted by: C. Compton
Approved by: Paul A. Cook 

CONSENT CALENDAR

2024 LEGISLATIVE AND REGULATORY UPDATE

SUMMARY:

This report provides an update on the 2023-2024 legislative session, regulatory issues, and IRWD priorities. As legislation and regulations develop, staff will provide updates and recommendations to the Water Resources Policy and Communications Committee and the Board, as appropriate. This month, staff recommends the Board consider the following actions/positions:

- *AB 2579 (Quirk-Silva) — County of Orange Property Tax Revenue Allocation: “WATCH;”*
- *AB 2729 (Patterson) — Residential fees and charges: “SEEK AMENDMENTS”;*
- *SB 1210 (Skinner) — Electrical, Gas, Sewer and Water Service Connect Charges; “SEEK AMENDMENTS”; and*
- *SB 1218 (Newman) — Emergency Water Supplies: “SPONSOR/ SUPPORT”.*

BACKGROUND:

Approximately 4,816 bills and constitutional amendments have been introduced during the 2023-2024 state legislative session, which is 356 more than this time in the 2021-2022 legislative session. On the Assembly side, 3,295 bills and constitutional amendments were introduced while the Senate introduced 1,512 bills and constitutional amendments. In 2024 alone, there were approximately 2,124 bills introduced. The 2024 introductions were split between 1,505 Assembly Bills and 619 Senate Bills.

The 2024 bill introduction deadline was February 16, 2024. While many of the bills introduced this year contain spot or intent language, many include substantive proposals. With the introduction deadline having passed, the 2024 legislative year will come into full swing with policy committees ramping up and legislators working to amend their legislation so that it will be heard by the April 26 and May 3 policy committee deadlines.

The bills introduced cover a variety of issues of interest to IRWD, including bills related to water conservation, water quality, and connections fees. There are also a number of bills related to climate change, public works, and public contracting. Many of these bills are expected to have significant amendments prior to their first policy committee hearings. As such, staff will monitor proposals and bring updates and recommendations to the Water Resources Policy and Communications Committee and the Board, as appropriate.

A copy of the 2024 Legislative Matrix is attached as Exhibit “A”. Links to the bills discussed below are included within each discussion unless a separate exhibit is noted.

2024 State Budget:

On February 20, 2024, the Legislative Analyst's Office (LAO) released its "[The 2024-25 Budget: Deficit Update](#)." The update examined the budget deficit the State can anticipate for the Fiscal Year 2024-2025 budget year. When the LAO had looked at the projected budget deficit in early January, it estimated the deficit to be \$58 billion. With the most recent update, the LOA has increased its estimated by \$15 billion to a projected budget deficit of \$73 billion. With the updated projection the LOA cautioned that the deficit could grow by the time the Governor releases his May Revise. Specifically, noting that:

"The actual increase in the state's budget problem will depend on a number of factors, including formula-driven spending changes, most notably Proposition 98 spending requirements for schools and community colleges. (Due to specific circumstances this year, changes in revenues are unlikely to have a significant effect on the state's other major formula-driven spending requirements, specifically related to Proposition 2.)"

The update also noted one of the options for addressing the additional budget shortfall was reducing one-time and temporary spending. Staff updated the Committee on the discussion taking place around the budget and infrastructure funding reductions.

2024 State Legislative Update:

"Making Conservation a California Way of Life" and Water Efficiency Related Legislation:

In response to the LAO's report entitled "[Assessing Early Implementation of Urban Water Use Efficiency Requirements](#)" and concerns raised by urban water suppliers, members of the Legislature have introduced five bills related to the "Making Conservation a California Way of Life" laws. Two the bills, [AB 2894 \(Gallagher, R-Chico\)](#) and [SB 1185 \(Niello, R-Roseville\)](#), are spot bills without any substantive provisions. The other three bills are:

- [AB 3121 \(Hart, D-Santa Barbara\) – Conservation Orders](#): AB 3121, authored by Assemblymember Gregg Hart (D, Santa Barbara), would modify the enforcement provisions of the "Making Conservation a California Way of Law." Currently the State Water Resources Control Board (State Board) may issue informational orders to an urban retail water supplier that fails to meet its urban water use objective by January 1, 2025. The State Board's enforcement authority increases in 2025, at which point it may issue a written notice to an urban retail water supplier that does not meet its urban water use objective beginning January 1, 2025. Beginning in 2026, the State Board may issue a conservation order to an urban retail water supplier that fails to meet its urban water use objective. AB 3121 proposes to move the dates at which the State Board may issue a written notice and a conservation order back one year;
- [SB 1110 \(Ashby, D-Sacramento\) – Conservation Orders](#): Like AB 3121, SB 1110 by Senator Angelique Ashby (D, Sacramento) seeks to change the enforcement authority granted to the State Board for an urban retail water supplier's failure to meet the urban water use objective. Instead of proposed date changes, SB 1110 seeks to add criteria the State Board needs to consider before invoking enforcement against a supplier; and

- [SB 1330 \(Archuleta, D-Norwalk\) – Urban Retail Water Supplier Water Use](#): SB 1330 proposes the most substantial changes to the “Making Conservation a California Way of Life” laws out of the five bills on the subject. Specifically, SB 1330 would require the State Board to adopt the variances as they were proposed to the Department of Water Resources (DWR) without a level of significance and data reporting currently proposed by the State Board. The bill would also eliminate the need for the State Board to approve the use of a variance; allow urban retail water supplies to include a 20 percent irrigable-not-irrigate allowance within its urban water use objective; would extend the start dates for the State Board’s enforcement authorities; and require DWR to collect and update residential and commercial, industrial and institution landscape data for each supplier every 10 years.

There is also an additional bill related that are tangentially related to the “Making Conservation a California Way of Life” laws. That bill is [AB 2947](#), authored by Assemblymember Lackey (R-Palmdale), that relates to DWR’s turf replacement funding program.

Staff updated Committee on the discussions taking place in Sacramento on the “Making Conservation a California Way of Life” laws. Given the wide variety of discussions taking place, staff recommends the Board wait to adopt a position on each of these bills until there is a better understanding of what changes the State Board is proposing to its draft regulation to implement of these laws. Staff expect to have a better understanding of those changes within the next month.

Connection Fees and Development Impact Fees:

As noted in the February 2024 Legislative and Regulatory Update, again, this legislative year, Assemblymember Grayson joined by others has introduced legislation related to the fees charged on new housing development. For example, Assemblymember Pilar Schiavo (D, Santa Clarita) joined by Assemblymember Tim Grayson (D, Concord) introduced [AB 1820](#). As currently drafted, AB 1820 would permit a development proponent to request a preliminary fee and exaction estimate when it submits an application to a local government.

Senate Scott Wiener (D-San Francisco) also joined by Assemblymember Grayson introduced [SB 937](#). SB 937 seeks to change when fees related to a development are due to a local agency, and specifically makes water and sewer connection fees subject to portions of the Mitigation Fee Act. These two changes would likely impact IRWD’s current connection fee process.

In addition to AB 1820 and SB 937, on February 15, Senator Nancy Skinner (D, Oakland) introduced [SB 1210](#) and Assemblymember Joe Patterson (R, Rocklin) introduced [AB 2729](#). SB 1210 would prohibit an electric, gas, sewer or water service connection fee for new housing construction from exceeding one percent of the reported building permit value of that housing unit. The bill would also require that the connection fee be spread over a period of at least 10 years. AB 2729 would change the point at which a local agency would levy a fee or charge for public improvements on a new residential development.

Staff have been and will continue to monitor these bills and work to mitigate any impact they may have on IRWD. To position the District to best mitigate any impacts of these bills, the Board previously adopted a “watch” position on AB 1820 and a “seek amendments” position on SB 937. Staff recommends that the Board adopt a “seek amendments” position on SB 1210 and AB 2729 with the proposed amendments being the removal of special districts from the bill.

AB 2579 (Quirk-Silva, D-Fullerton) – County of Orange Property Tax Revenue Allocation:

AB 2579, authored by Assemblymember Sharron Quirk-Silva (D, Fullerton), seeks to address the lower share of property tax revenue the County of Orange receives as compared to other counties. Specifically, the bill would require the auditor of the County of Orange to increase the total amount of ad valorem property tax revenue that is otherwise required to be allocated to the County and to commensurately decrease the amount of ad valorem property tax revenue that is otherwise required to be allocated to the County Educational Revenue Augmentation Fund, which is generally allocated to school districts.

AB 2579 is similar to other bills the Assemblymember has authored in the past seeking to increase the amount of property tax received by the County of Orange. In the past, the Board has adopted a “watch” position on those bills and authorized staff to move to an “oppose” position should the bill negatively impact the District’s property tax revenues. Staff recommends that the District take that same approach to AB 2579 this week, and that the Board adopt a “watch” position on AB 2579.

SB 1218 (Newman, D-Fullerton) - Emergency Water Supplies:

SB 1218, authored by Senator Josh Newman (D, Fullerton), is IRWD’s second sponsored legislative proposal this year. The bill would declare it is the established policy of the state to encourage and incentivize, but not mandate, the development of emergency water supplies, and to support their use during times of water shortage. Staff recommends that the Board adopt a “sponsor/support” position on the bill.

Other 2024 State Legislative Updates:

Staff also updated the Committee on any new developments related to the following:

- Climate resilience bonds;
- Water rates and charges related legislation;
- Surplus Land Act related legislation;
- PFAS-related legislation;
- [AB 1851 \(Holden, D-Burbank\) – Lead Testing of School Sites](#);
- [SB 366 \(Caballero, D-Salinas\) – The California Water Plan Long-Term Supply Targets](#);
- [SB 1147 \(Portantino, D-Glendale\) – Microplastics in Drinking Water](#);
- Other legislative matters of interest to IRWD.

2024 State and Regional Regulatory Update:

The following is a list of state and regional regulations and agency reports staff are monitoring, tracking, or planning to engage in over the next three to 12 months. As the next drafts of the regulations or reports are released for public review and comment, staff will engage, as appropriate. Staff also provided an oral update to the Committee on any new developments related to these regulations and other regulations of interest to the District.

The pending regulations and reports actively being tracked include:

- [California Endangered Species Act Listing](#) for the Southern California Steelhead;
- California Natural Resources Agency (CNRA) [30 x 30 California Implementation](#);
- CNRA's [Water Resilience Portfolio Implementation and Resiliency 2.0 Implementation](#);
- DWR's [2023 California Water Plan Update](#);
- DWR Surface water and groundwater interconnection guidance;
- Housing and Community Development's Surplus Land Act guidelines;
- State Board's implementation of the adopted "[Cross Connection Policy Handbook](#);"
- State Board's implementation of the Lead and Copper Rule;
- State Board's "[Making Water Conservation a California Way of Life](#)" implementation;
- State Board's [Safe and Affordable Funding for Equity and Resilience \(SAFER\) Drinking Water Program](#);
- State Board's [Development of Maximum Contaminant Levels for PFAS](#);
- South Coast AQMD's [Cumulative Impacts from Air Toxics for CEQA Projects](#);
- South Coast AQMD's Tier 4 Emergency Generator Testing Policy;
- South Coast AQMD's [PAR 1146.2 Control of NOx from Large Water Heaters, Small Boilers and Process Heaters](#); and
- South Coast AQMD's [Proposed Rule 1110.4, Emissions from Emergency Generators](#).

Staff also provided the Committee with an update on other regulatory matters of interest to the District.

2024 Federal Legislative Update:

Kern Fan Groundwater Storage Project Outreach:

IRWD's federal advocacy priority in 2024 focuses on seeking federal funding for the Kern Fan Groundwater Storage Project and advocating for an increased funding authorization for the federal Water Storage Program. Staff provided an update on those efforts.

2023 Federal Regulatory Updates:

The following is a list of federal regulations and agency reports staff are monitoring, tracking, or planning to engage in over the next three to 12 months. As the next drafts of the regulations or report are released for public review and comment, staff will engage, as appropriate. Staff also provided an oral update to the Committee on any new developments related to these regulations and other regulations of interest to the District.

The pending regulations and reports actively being tracked include:

- U.S. Environmental Protection Agency’s (U.S. EPA’s) [Lead and Copper Rule Improvements](#);
- U.S. EPA’s [Proposed Designation of PFOA and PFOS as CERCLA Hazardous Substances](#);
- U.S. EPA’s [Potential Future Hazardous Substances Designations of PFAS Under CERCLA](#);
- U.S. EPA’s [Proposed PFAS National Primary Drinking Water Regulation](#);
- U.S. EPA’s [Consumer Confidence Report Rule Revisions](#); and
- Bureau of Reclamation’s [Post-2026 Colorado River Reservoir Operational Guidelines and Strategies for Lake Powell and Lake Mead](#).

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on March 4, 2024.

RECOMMENDATION:

THAT THE BOARD ADOPT A “SPONSOR/SUPPORT” POSITION ON SB 1218 (NEWMAN); A “WATCH” POSITION ON AB 2579 (QUIRK-SILVA); AND A “SEEK AMENDMENTS” POSITION ON AB 2729 (PATTERSON) AND SB 1210 (SKINNER).

LIST OF EXHIBITS:

Exhibit “A” – IRWD Legislative Matrix

EXHIBIT “A”
IRWD 2024 LEGISLATIVE MATRIX
Updated: *February 28, 2024*

| Bill No. Author | Title | IRWD Position | Summary/Effects | Status |
|-------------------------------|---|--------------------------|--|--|
| AB 122 (Budget) | Public Resources Trailer Bill | | Expresses the intent of the Legislature that the administration conduct an assessment of offshore wind energy permitting and related resource needs across applicable State entities, including, but not limited to, the Energy Commission, the State Lands Commission, the California Coastal Commission, and the State Coastal Conservancy. States that the outcomes of the assessment may be considered as part of a future budget. Appropriates funds. | 08/14/2023 - Re-referred to SENATE Committee on BUDGET AND FISCAL REVIEW. |
| AB 270 (Lee) | Political Reform Act of 1974: Public Campaign Financing | | Permits a public officer or candidate to expend or accept public moneys for the purpose of seeking elective office if the State or a local governmental entity established a dedicated fund for this purpose. Prohibits the public moneys for this dedicated fund from being taken from public moneys that are earmarked for education, transportation, or public safety. Provides that this restriction would not apply to charter cities. | 06/14/2023 - To SENATE Committees on ELECTIONS AND CONSTITUTIONAL AMENDMENTS and APPROPRIATIONS. |
| AB 277 (Rodriguez) | Extreme Weather Forecast and Threat Intelligence Center | | Establishes the State-Federal Flood Operations Center within the Department of Water Resources and authorizes the department to administer the center in the department's divisions, offices, or programs. Requires the department and the Office of Emergency Services, in consultation with cooperating agencies, to develop and submit a report to the Legislature on or before specified date that outlines necessary technological advancements for agile forecasting and gaps in data that would improve flood response. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 295 (Fong) | Department of Transportation: Maintenance Projects | | Requires the Department of Transportation to expedite roadside maintenance for specified projects related to roadside maintenance and the removal and clearing of material. Authorizes local governmental entities, fire protection districts, fire safe councils, and tribal entities to notify the department of those projects that have not been completed in an efficient and timely manner. Requires the Division of Maintenance to begin the maintenance project within a specified number of days. | 07/11/2023 - In SENATE Committee on TRANSPORTATION: Not heard. |
| AB 305 (Villapudua) | California Flood Protection Bond Act of 2024 | Support | Enacts the California Flood Protection Bond Act of 2024 which, if approved by the voters, would authorize the issuance of bonds in the specified amount pursuant to the State General Obligation Bond Law for flood protection projects. Provides for the submission of these provisions to the voters at the specified statewide general election. | 06/14/2023 - To SENATE Committees on NATURAL RESOURCES AND WATER and GOVERNANCE AND FINANCE. |

EXHIBIT “A”
IRWD 2024 LEGISLATIVE MATRIX
Updated: February 28, 2024

| Bill No. Author | Title | IRWD Position | Summary/Effects | Status |
|-------------------------|--|------------------|--|---|
| AB 311 (Santiago) | Food Assistance Program: Eligibility and Benefits | | Removes a specified age limitation and makes any individual eligible for the program if the individual's immigration status is the sole basis for their ineligibility for CalFresh benefits. | 06/14/2023 - To SENATE Committee on HUMAN SERVICES. |
| AB 347 (Ting) | Household Product Safety: Toxic Substances | | Requires the Department of Toxic Substances Control to adopt guidance regarding the perfluoroalkyl and polyfluoroalkyl substances prohibition and the internet posting and labeling requirements for cookware, and to post that guidance on its internet website by specified date. Requires the department to select and test at least a specified number but no more than a certain number of random samples of food packaging and cookware for compliance with those PFAS prohibitions. | 09/11/2023 - In SENATE. Read second time. To third reading.;09/11/2023 - In SENATE. From third reading. To Inactive File. |
| AB 408 (Wilson) | Climate Resilient Farms | | Enacts the Climate-Resilient Farms, Sustainable Healthy Food Access, and Farmworker Protection Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds to finance programs related to, among other things, agricultural lands, food and fiber infrastructure, climate resilience, agricultural professionals, including farmers, ranchers, and farmworkers, workforce development and training, air quality, tribes, disadvantaged communities, nutrition, and food aid. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS. Held in committee and made a Two-year bill. |
| AB 437 (Jackson) | State Government: Equity | | Provides that existing law requires the Chief Equity Officer to improve equity and inclusion throughout State government operations and authorizes the Chief Equity Officer to engage with State entities for these purposes. Requires State agencies and departments, in carrying out their duties, to consider the use of more inclusive practices to advance equity. | 09/11/2023 - In SENATE. To Inactive File. |
| AB 453 (Cervantes) | District-Based Elections | | Requires a public hearing concerning district-based elections that is consolidated with a meeting of the governing body of the political subdivision that includes other substantive agenda items, to begin at a fixed time regardless of its order on the agenda. | 05/10/2023 - To SENATE Committees on ELECTIONS AND CONSTITUTIONAL AMENDMENTS and GOVERNANCE AND FINANCE. |
| AB 457 (Patterson J) | Surplus Land Act: Exempt Surplus Land: Leases | Watch | Provides that the disposal of exempt surplus land is not subject to certain requirements. Expands definition of exempt surplus land to include a parcel that is identified in the local agency's circulation element or capital improvement program for future roadway development, is no larger than a specified number of acres, is zoned for retail commercial use, and the use | 09/13/2023 - In ASSEMBLY. Ordered returned to SENATE. *****To SENATE. |

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| | | | of the parcel is consistent with the underlying zoning, and abuts a State highway right-of-way. Makes other nonsubstantive changes. | |
| AB 460 (Bauer-Kahan) | State Water Resources Control Board: Water Rights | | Authorizes the State Water Resources Control Board to issue, on its own motion or upon the petition of an interested party, an interim relief order to a diverter or user of water in adjudicative proceedings to apply or enforce specified provisions of law related to water rights and quality. | 06/27/2023 - In SENATE Committee on NATURAL RESOURCES AND WATER: Not heard. |
| AB 518 (Wicks) | Paid Family Leave: Eligibility | | Expands eligibility for benefits under the paid family leave program to include individuals who take time off work to care for a seriously ill designated person. Defines designated person to mean any individual related by blood or whose association with the employee is the equivalent of a family relationship. Authorizes the employee to identify the designated person when they file a claim for benefits. | 09/13/2023 - In SENATE. From third reading. To Inactive File. |
| AB 527 (Calderon) | Urban Forestry: School Greening Projects: Grants | | Provides that the California Urban Forestry Act of 1978 requires the Department of Forestry and Fire Protection to implement a program in urban forestry to encourage better tree management and planting in urban areas. Requires funds to be administered to support school greening by providing grants to eligible local educational agencies, nonprofit organizations, cities, counties, and districts, through a competitive grant process developed by the department. Requires the department to develop guidelines. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 544 (Bryan) | Voting: County Jails | | Requires the Secretary of State to, upon appropriation of funds for this purpose, operate a program to provide grants to a specified number of counties to improve voter participation in jail facilities. Requires, in counties administering grants, the county sheriff or jail facility administrator to designate an employee as a voting coordinator at each facility who will be responsible for, among other things, ensuring compliance with requirements pertaining to polling locations. | 01/29/2024 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE. |
| AB 560 (Bennett) | Sustainable Groundwater Management Act | | Requires the parties to an adjudication action to submit a proposed settlement agreement determining rights to water to the State Water Resources Control Board for a nonbinding advisory determination as to whether the proposed settlement agreement will substantially impair the ability of a groundwater sustainability agency, the board, or the | 09/01/2023 - In SENATE Committee on APPROPRIATIONS. Held in committee and made a Two-year bill. |

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| | | | Department of Water Resources to achieve sustainable groundwater management before filing the proposed settlement agreement with the court. | |
| AB 573 (Garcia E) | Organic Waste: Meeting Recovered Organic Waste Product | | Provides that existing law requires the State Air Resources Board to approve and begin implementing a comprehensive short-lived climate pollutant strategy to achieve a certain reduction in statewide emissions of methane. Requires the Department of Resources Recycling and Recovery to allow a local jurisdiction, in procuring recovered organic waste products to meet procurement requirements, to use California-derived recovered organic waste that the local jurisdiction sends for processing outside of the State. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 593 (Haney) | Carbon Emission Reduction Strategy: Building Sector | | Requires the State Energy Resources Conservation and Development Commission to adopt a strategy, with milestones, to reduce emissions of greenhouse gases for the building sector. Requires the commission, in developing the strategy, to consult and collaborate with certain entities, to hold at least a specified number of public workshops, and to convene stakeholder sessions. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS. Held in committee and made a Two-year bill. |
| AB 609 (Papan) | Office of Wildfire Technology Research and Development | | Requires the Office of Wildfire Technology Research and Development to submit a report to the Legislature that assesses the feasibility of the Department of Forestry and Fire Protection and the Office of Emergency Services, working with the National Interagency Aviation Committee and the International Airtanker Board, to conduct an evaluation of innovative new aerial firefighting technologies and whether any new technologies exist that might meet CAL FIRE standards of water and retardant delivery systems. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 627 (Jackson) | Drayage Trucks: Voucher Incentive Project | | Provides that the Air Resources Board administers the California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project under which the agency issues a limited number of vouchers to incentivize the purchase and use of zero-emission commercial vehicles. Requires the board to ensure that a voucher for the purchase of a new, or the retrofit of a used, drayage truck is provided to an operator in an amount determined pursuant to a sliding scale based on the number of drayage trucks the operator owns. | 01/29/2024 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE. |

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| AB 749 (Irwin) | State Agencies: Information Security: Uniform Standards | | Requires every State agency, as defined and subject to specified exceptions, to implement Zero Trust architecture for all data, hardware, software, internal systems, and essential third-party software, including for on-premises, cloud, and hybrid environments, to achieve prescribed levels of maturity based on the Cybersecurity and Infrastructure Security Agency (CISA) Maturity Model by specified dates. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 754 (Papan) | Water Management Planning: Water Shortages | Watch | Relates to the Urban Water Management Planning Act. Requires a water shortage contingency plan to include, if, based on a description and quantification of each source of water supply, a single reservoir constitutes at least a specified percent of the total water supply, an identification of the dam and description of existing reservoir management operations, and, if the reservoir is owned and operated by the urban water supplier, a description of operational practices and approaches. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 805 (Arambula) | Sewer Service: Disadvantaged Communities | Seek Amendments | Authorizes the State Water Resources Control Board to require a sewer service provider to contract with an administrator designated or approved by the State Board for administrative, technical, operational, legal, or managerial services to assist a designated sewer system with the provision of adequate sewer service. Requires the State Board to take specified actions before determining that a sewer service provider is a designated sewer system. Appropriates funds. | 01/30/2024 - In ASSEMBLY. Read third time, urgency clause adopted. Passed ASSEMBLY. *****To SENATE. |
| AB 817 (Pacheco) | Open Meetings: Teleconferencing: Subsidiary Body | | Provides that the Ralph M. Brown Act requires, with specified exceptions, each legislative body of a local agency to provide notice of the time and place for its regular meetings. Provides that existing law authorizes the legislative body of a local agency to use alternate teleconferencing provisions during a proclaimed state of emergency. Authorizes, until specified date, a subsidiary body to use alternative teleconferencing provisions and imposes requirements for notice, agenda, and public participation. | 01/25/2024 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE. |
| AB 824 (Calderon) | Highway Greening: Statewide Strategic Plan | | Enacts the Highway Greening Act, which would require the Department of Transportation to complete a statewide strategic plan to work to achieve at least a specified percent increase of green highways in urban | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |

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| | | | areas, disadvantaged communities, and low-income communities by specified year. Requires the department to submit the plan to the Legislature and specified committees of the Legislature on or before specified date. | |
| AB 828 (Connolly) | Sustainable Groundwater Management: Managed Wetlands | | Adds various defined terms for purposes of the Sustainable Groundwater Management Act, including the terms managed wetland and small community water system. Provides that existing law grants a groundwater sustainability agency specified authority and authorizes a groundwater sustainability agency to regulate groundwater extraction using that authority. Prohibits a groundwater sustainability agency from using that authority under specified circumstances. | 01/29/2024 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE. |
| AB 830 (Soria) | Lake and Streambed Alteration Agreements: Exemptions | | Provides that existing law prohibits a person, a state or local governmental agency, or a public utility from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake. Exempts the temporary operation of existing infrastructure or temporary pumps being used to divert flood stage flows or near-flood stage flows to groundwater recharge as long as certain conditions are met. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 837 (Alvarez) | Surplus Land: Exempt Surplus Land | | Provides, until specified date, that land that is subject to a sectional planning area is not subject to specified requirements for the disposal of surplus land if specified conditions are met. Requires a local agency that disposes of land pursuant to these provisions to submit a specified report to the Department of Housing and Community Development. | 06/07/2023 - To SENATE Committees on GOVERNANCE AND FINANCE and HOUSING. |
| AB 841 (Berman) | State Energy Resources Conservation and Development | | Requires the State Energy Resources Conservation and Development Commission to submit to the Legislature an Industrial Heat Electrification Roadmap. Authorizes the commission to consult with the State Air Resources Board to include in the roadmap an estimate of the reductions in emissions of greenhouse gases and criteria air pollutants, and commensurate health benefits, from electrifying the identified industrial subsectors. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 868 (Wilson) | Political Reform Act of 1974: Digital Political Ads | | Enacts the Digital Advertisement Transparency and Accountability Act, or DATA Act. Requires a committee that pays for a digital advertisement | 09/01/2023 - In SENATE Committee on APPROPRIATIONS. Held in committee |

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| | | | to appear on an online platform to submit to the Fair Political Practices Commission a copy of the digital advertisement and specified information. Requires an online platform to transmit to the commission specified information regarding digital advertisements, and to retain the information for no less than a specified number of years for specified purposes. | and made a Two-year bill. |
| AB 914 (Friedman) | California Environmental Quality Act: Review Time | | Requires a State agency acting as the lead agency, until specified date, to complete its environmental review for an electrical infrastructure project and to approve or deny the project within a specified number of years of the submission and acceptance of a complete application for the issuance of a lease, permit, license, certificate, or other entitlement for use for electrical infrastructure to the State agency. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 923 (Bauer-Kahan) | Flood Plain Restoration Projects: Central Valley: Study | | Requires the Central Valley Flood Protection Board, in coordination with the Department of Water Resources, to identify priority flood plain restoration or floodway expansion projects where increased flows due to climate change are likely to overwhelm existing flood protection infrastructure. Requires the department and the board to conduct broad stakeholder outreach to identify priority projects and would require that those projects provide at least a specified number of public benefits. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 930 (Friedman) | Local Government: Reinvestment in Infrastructure | | Authorizes a special district to join a Reinvestment in Infrastructure for a Sustainable and Equitable California district. Requires the Office of Planning and Research to develop guidelines for the formation of RISE districts. Requires the guidelines to require a RISE development plan to provide that at least a specified percent of the total funding received by the district be spent on residential units created within the district that are restricted to persons and families of low or moderate income. | 01/29/2024 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE. |
| AB 1024 (Aguiar-Curry) | Water Rights: Small Irrigation Use | | Exempts an entity from the requirement to enter into a lake or streambed alteration agreement with the Department of Fish and Wildlife if the entity submits a State Water Resources Control Board-approved registration or renewed or amended registration for water use in specified counties to the department and the department determines certain requirements are met. Limits the number of these registrations to a specified amount for the first year of implementation. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS. Held in committee and made a Two-year bill. |

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| AB 1170 (Valencia) | Political Reform Act of 1974: Filing Requirements | | Relates to the Political Reform Act, which requires elected officials, candidates for elective offices, and committees formed primarily to support or oppose a candidate for public office or a ballot measure to file periodic campaign statements and certain reports concerning campaign finances and related matters. Permits a filing officer to retain a report or statement filed in a paper format as a copy on microfilm or other space-saving materials or as an electronic copy without a two-year waiting period. | 01/29/2024 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE. |
| AB 1176 (Zbur) | General Plans: Local Electrification Planning Act | | Provides for the Local Electrification Planning Act, which would require a city, county, or city and county to prepare and adopt a specified plan, or otherwise integrate a plan into the general plan that, among other things, identifies opportunities to expand electric vehicle charging to meet the needs of the city's, county's, or city and county's current and future visitors, residents, and businesses, and includes policies and implementation measures that address the needs of disadvantaged communities. | 06/28/2023 - In SENATE Committee on GOVERNANCE AND FINANCE: Not heard. |
| AB 1205 (Bauer-Kahan) | Water Rights: Sale, Transfer, or Lease: Agricultural | | Requires the State Water Resources Control Board to, on or before specified date, conduct a study and report to the Legislature and appropriate policy committees on the existence of speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater right previously put to beneficial use on agricultural lands. | 09/11/2023 - In SENATE. From third reading. To Inactive File. |
| AB 1211 (Mathis) | Safe Drinking Water State Revolving Fund | | Relates to existing law which requires the State Water Resources Control Board, at least once every 2 years, to post information on its internet website regarding implementation of the Safe Drinking Water State Revolving Fund Law and expenditures from the Safe Drinking Water State Revolving Fund. Requires the board to post the information at least annually. | 05/10/2023 - To SENATE Committee on ENVIRONMENTAL QUALITY. |
| AB 1246 (Nguyen) | Public Employees' Retirement System Optional Settlement | | Provides that existing law permits a member of the Public Employees' Retirement System to elect from among several other optional settlements for the purpose of structuring their retirement allowance. Permits a member who elected to receive a specified optional settlement at | 09/11/2023 - In SENATE. From Special Consent Calendar. To Inactive File. |

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| | | | retirement, if the member's former spouse was named as beneficiary and a legal judgment awards only a portion of the interest in the retirement system to the member, to elect to add their new spouse as the beneficiary. | |
| AB 1272 (Wood) | State Water Resources Control Board: Drought Planning | | Requires the State Water Resources Control Board, in consultation with the Department of Fish and Wildlife, to adopt principles and guidelines for diversion and use of water in coastal watersheds during times of water shortage for drought preparedness and climate resiliency. Authorizes the state board to issue a cease and desist order when a diversion or use violates or threatens to violate an applicable principle or guideline adopted by the state board for the diversion and use of water. | 09/14/2023 - Withdrawn from Enrollment.;09/14/2023 - In ASSEMBLY. Ordered returned to SENATE. *****To SENATE. |
| AB 1284 (Ramos) | Tribal Ancestral Lands and Waters: Cogovernance | | Encourages the Natural Resources Agency to enter into cogovernance and comanagement agreements with federally recognized tribes. Authorizes the Secretary of the Agency or a delegate to enter into agreements with federally recognized tribes for the purposes of shared responsibility, decision making, and partnership in resource management and conservation within a tribes ancestral lands and waters. Requires the secretary or a delegate to be the signatory for the State for such agreements. | 01/29/2024 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE. |
| AB 1297 (Quirk-Silva) | Public Restrooms | | Requires each local government to complete an inventory of public restrooms owned and maintained by the local government that are available to the general population in its jurisdiction. Requires governments to report their findings to the State Department of Public Health, which would be required to compile the information and to report the availability of public restrooms to the Legislature. Requires the Legislature to consider the report when evaluating the public's access to reliable public restrooms. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 1318 (Rivas) | California Environmental Quality Act: Exemption | | Expands the CEQA exemption by increasing the size of a residential project that would qualify for the exemption to include a project of not more than 5 acres in total area. | 05/31/2023 - To SENATE Committees on ENVIRONMENTAL QUALITY and HOUSING. |
| AB 1337 (Wicks) | State Water Resources Control Board: Water Diversion | Watch | Expands the instances when the diversion or use of water is considered a trespass. Authorizes the State Water Resources Control Board to issue a curtailment order for any diversion, regardless of basis of right, when | 07/10/2023 - In SENATE Committee on NATURAL RESOURCES AND WATER: Not heard. |

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| | | | water is not available under the diverter's priority of right. Requires the board to adopt regulations to implement this provision. | |
| AB 1348 (Grayson) | State Government: Controller: Claims Audits | | Relates to the Government Claims Act, which requires the presentation of all claims for money or damages against local public entities and the State. Authorizes the Controller to conduct financial and compliance audits as the Controller's office deems as necessary for purposes of ensuring that any expenditures are expended in a manner consistent with the law and the voters' intent. Requires the Controller to provide a report with specified information from these audits to the Legislature. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 1349 (Irwin) | Electric Vehicle Charging Station Networks: Data Fields | | Requires owners, operators, and infrastructure developers of electric vehicle charging stations, except for charging stations located at residential dwellings, for which those parties are awarded a State grant to support the electric vehicle charging stations to ensure that specified data fields for the owner's or operator's entire network of electric vehicle charging stations in the State are made available, free of charge, to third-party software developers through an application programming interface. | 07/03/2023 - In SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS: Not heard. |
| AB 1465 (Wicks) | Nonvehicular Air Pollution: Civil Penalties | | Provides that existing law establishes maximum civil penalties for a person who violates air pollution laws from nonvehicular sources. Requires, in assessing penalties, that health impacts, community disruptions, and other circumstances related to the violation be considered. Requires that civil penalties for a violation be assessed and recovered in a civil action brought by the Attorney General, by any district attorney, or by the attorney for any district in which the violation occurs. | 09/06/2023 - In SENATE. From third reading. To Inactive File. |
| AB 1546 (Gabriel) | CA Consumer Privacy Act of 2018: Statute of Limitations | | Requires an action by the Attorney General to enforce the California Consumer Privacy Act to be commenced within a specified number of years after the cause of action accrued. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 1563 (Bennett) | Groundwater Sustainability Agency: Extraction Permits | | Provides that the Sustainable Groundwater Management Act requires all groundwater basins designated as high or medium-priority basins by the Department of Water Resources to be managed under a groundwater sustainability plan or coordinated plans, with specified exceptions. Requires a county to forward permit requests for the construction of new | 07/12/2023 - In SENATE Committee on GOVERNANCE AND FINANCE: Not heard. |

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| | | | groundwater wells, the enlarging of existing wells, and the reactivation of abandoned wells to the groundwater sustainability agency before permit approval. | |
| AB 1567 (Garcia E) | Safe Drinking Water, Wildfire Prevention, Drought Prep | Support | Enacts the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy, and Workforce Development Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in a specified amount to finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, clean energy, and workforce development programs. | 06/14/2023 - To SENATE Committees on NATURAL RESOURCES AND WATER and GOVERNANCE AND FINANCE. |
| AB 1573 (Friedman) | Water Conservation: Landscape Design: Model Ordinance | Seek Amendments | Provides that the Water Conservation in Landscaping Act provides for a Model Water Efficient Landscape Ordinance that is adopted and updated at least every specified number of years. Requires the model ordinance, at the next update initiated after specified date, to require that all new or renovated nonresidential areas install in the project footprint not less than a specified percent of California native plants, and to prohibit the inclusion of nonfunctional turf in nonresidential landscape projects. | 09/07/2023 - In SENATE. From third reading. To Inactive File. |
| AB 1581 (Kalra) | Diversion or Obstruction of Rivers, Streams, or Lakes | | Exempts certain individuals, agencies, universities, zoological gardens, and institutions authorized to import, export, take, or possess any endangered, threatened, or candidate species for scientific, educational, or management purposes from the required agreement with the Department of Fish and Wildlife. Requires entities to submit to the department a written notification, fee, and a copy of proposed environmental protection measures authorized by other agencies' habitat restoration permits. | 06/14/2023 - To SENATE Committee on NATURAL RESOURCES AND WATER. |
| AB 1688 (Sanchez) | Voter Registration: Cancellation: Deceased Persons | | Provides that existing law requires the Secretary of State to adopt regulations to facilitate the availability of death statistics from the State Department of Health Services for use by the Secretary of State and county elections officials to cancel affidavits of registration of deceased persons. Authorizes the Secretary of State to also seek an agreement with the federal Social Security Administration to facilitate the availability of death statistics from that agency. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| AB 1712 | Personal Information: Data | | Provides that the Information Practices Act requires any agency that owns | 06/14/2023 - To SENATE Committee on |

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| (Irwin) | Breaches | | or licenses computerized data that includes personal information to disclose any breach of the security of the system following discovery or notification of the breach. Requires the security breach notification to include the websites of the major credit reporting agencies and the Uniform Resource Locator for the main internet website operated by the Federal Trade Commission to provide information for victims of identity theft. | JUDICIARY. |
| AB 1757 (Judiciary) | Accessibility: Internet Websites | | Provides that existing law imposes liability upon a person, firm, or corporation that denies or interferes with admittance to, or enjoyment of, public facilities or otherwise interferes with the rights of an individual with a disability for damages and attorney's fees. Provides that a website is presumed to provide equally effective communication and to facilitate full and equal enjoyment for the purpose of determining whether an award of damages is warranted if the website has a certain certification. | 08/15/2023 - From SENATE Committee on APPROPRIATIONS with author's amendments.;08/15/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS. |
| AB 1781 (Waldron) | State Mandates: Claims | | Changes the minimum claim for reimbursement for a state mandate to \$800. | 01/16/2024 - To ASSEMBLY Committee on LOCAL GOVERNMENT. |
| AB 1782 (Ta) | Redevelopment: Successor Agencies: Housing Asset Fund | | Increases the amount that a housing successor may expend on homeless prevention and rapid rehousing services to \$500,000. Requires the Department of Housing and Community Development to publish on its internet website an adjustment to the amount that may be expended by a housing successor to reflect any change in the Consumer Price Index for All Urban Consumers. | 01/16/2024 - To ASSEMBLY Committees on HOUSING AND COMMUNITY DEVELOPMENT and LOCAL GOVERNMENT. |
| AB 1784 (Pellerin) | Elections: Multiple Candidacies | | States the intent of the Legislature to enact legislation clarifying that a person is prohibited from filing nomination documents for more than one office at the same election. | 01/03/2024 - INTRODUCED. |
| AB 1785 (Pacheco) | California Public Records Act | | Defines home address, for purposes of the California Public Records Act, to include an assessor's parcel number, which may be converted to a physical address through reference to other information made available online by the state or local agency. | 01/16/2024 - To ASSEMBLY Committee on JUDICIARY. |
| AB 1795 | Primary Elections: Dual | | Clarifies that a candidate is prohibited from filing nomination documents | 01/04/2024 - INTRODUCED. |

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| (Carrillo) | Candidacies | | for more than one office at the same primary election. | |
| AB 1798 (Papan) | Department of Transportation: Contaminated Stormwater | | Requires the Department of transportation, in consultation with the State Water Resources Control Board, the Department of Toxic Substances Control, and the Department of Fish and Wildlife, to develop a programmatic environmental review process to prevent 6PPD and 6PPD-quinone from entering salmon and steelhead trout bearing surface waters of the state. | 01/22/2024 - To ASSEMBLY Committees on TRANSPORTATION and ENVIRONMENTAL SAFETY AND TOXIC MATERIALS. |
| AB 1819 (Waldron) | Enhanced Infrastructure Financing Districts: Wildfires | | Authorizes an enhanced infrastructure financing district that are at least partially in high or very high fire hazard severity zones designated by the State Fire Marshal to finance heavy equipment to be used for vegetation clearance and firebreaks, fortification of utilities against wildfires, and equipment used for fire watch, prevention, and fighting. | 01/22/2024 - To ASSEMBLY Committee on LOCAL GOVERNMENT. |
| AB 1820 (Schiavo) | Housing Development Projects: Applications: Fees | Watch | Authorizes a development proponent that submits a preliminary application for a housing development project to request a preliminary fee and exaction estimate and requires the local agency to provide the estimate within a specified number of business days of the submission of the preliminary application. Requires the request from the city or county for the total amount of fees and exactions associated with the project to clearly state that the request does not create any obligation to respond. | 02/20/2024 - From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT with author's amendments.;02/20/2024 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on HOUSING AND COMMUNITY DEVELOPMENT. |
| AB 1827 (Papan) | Local Government: Fees and Charges: Water | Sponsor/ Support | Provides that the fees or charges for property-related water service imposed or increased may include the incrementally higher costs of water service due to specified factors, including the higher water usage demand of parcels. Provides that the costs associated with higher water usage demands, the maximum potential water use, or a projected peak water usage demand may be allocated using any method that reasonably assesses the water service provider's cost of serving the parcels that are increasing demand. | 01/29/2024 - To ASSEMBLY Committee on LOCAL GOVERNMENT. |
| AB 1829 (Patterson) | Electricity: Certificate of Public Convenience | | Requires the Public Utilities Commission to issue a decision on an application for a certificate of public convenience and necessity within 18 months of the filing of a completed application for building or upgrading an electrical transmission line that is reasonably necessary to facilitate the | 01/29/2024 - To ASSEMBLY Committee on UTILITIES AND ENERGY. |

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| | | | achievement of the state's renewable energy policy. | |
| AB 1851 (Holden) | Drinking Water: Schoolsites: Lead Testing Pilot Program | | Requires the Superintendent of Public Instruction to contract with a nonprofit technical assistance organization, for purposes of a pilot program applicable to unspecified school districts, to sample all potable water system outlets on the campuses of the school district for lead contamination, except as provided, and to identify and remediate any potable water system outlet emitting water containing lead levels in excess of 5 parts per billion. | 01/29/2024 - To ASSEMBLY Committees on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS and EDUCATION. |
| AB 1854 (Schiavo) | Service Member Protections | | Relates to existing law which authorizes a member of the United States Army Reserve or the National Guard who is called to active duty to defer payments on certain obligations while serving on active duty. Authorizes the notice of deferral to specify a different date after which payments will be suspended. Requires a request for deferral to be submitted not later than 180 days following the period of active duty on which the deferral is based. | 01/29/2024 - To ASSEMBLY Committee on MILITARY AND VETERANS AFFAIRS. |
| AB 1857 (Jackson) | State Air Resources Board: Air Quality Regulation | | Requires the State Air Resources Board to adopt regulations to improve air quality in population centers located in valleys and would require each local air district to implement those regulations with regard to stationary sources located within its jurisdiction. | 01/29/2024 - To ASSEMBLY Committee on NATURAL RESOURCES. |
| AB 1868 (Friedman) | Property Taxation: Assessments: Affordable Housing | | Establishes, for purposes of valuing property by the county assessor, a rebuttable presumption that, at the time of purchase, the value of real property subject to a recorded contract that meets the specified requirements is no greater than the sum of the value of the first mortgage and any applicable down payment. | 01/29/2024 - To ASSEMBLY Committee on REVENUE AND TAXATION. |
| AB 1879 (Gipson) | Electronic Signatures | | Requires, at the option of the parties in any written communication with a public entity, the use or acceptance of an electronic signature, unless otherwise provided. Provides that a digital signature would also have the same force and effect as the use of a manual signature if it complies with specified requirements and the public entity's use of a digital signature is mandated. | 02/12/2024 - To ASSEMBLY Committees on JUDICIARY and REVENUE AND TAXATION. |
| AB 1881 | California Coastal | | Requires the representative appointed by the Governor to the California | 02/05/2024 - To ASSEMBLY Committee |

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| (Davies) | Commission: Membership | | Coastal Commission to either have the qualification described in existing law or have a professional background in geology, environmental engineering, or carpentry or building and construction trades. | on NATURAL RESOURCES. |
| AB 1889 (Friedman) | General Plan: Wildlife Connectivity Element | | Requires a general plan to include a wildlife connectivity element, or related goals, policies, and objectives integrated in other elements, that considers the effect of development within the jurisdiction on fish, wildlife, and habitat connectivity. Requires the wildlife connectivity element to, among other things, identify and analyze connectivity areas, permeability, and natural landscape areas within the jurisdiction. | 02/05/2024 - To ASSEMBLY Committees on LOCAL GOVERNMENT and WATER, PARKS AND WILDLIFE. |
| AB 1890 (Patterson J) | Public Works: Prevailing Wage | | Relates to existing law which requires an entity awarding a public works contract to provide notice to the Department of Industrial Relations. Requires the awarding body to provide notice to the department if there is a change in the identity of a contractor or subcontractor performing the project or, within 30 days, if the total amount of the contract change exceeds \$10,000. | 02/05/2024 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT. |
| AB 1893 (Wicks) | Housing Accountability Act: Housing Disapprovals | | Authorizes a local agency to disapprove or conditionally approve a housing development project for very low, low-, or moderate-income households if it makes a finding that the local agency has failed to adopt a revised housing element that is in substantial compliance with the Housing Element Law, and the housing development project is proposed for a site zoned for residential use or residential mixed-use development. | 02/05/2024 - To ASSEMBLY Committees on HOUSING AND COMMUNITY DEVELOPMENT and LOCAL GOVERNMENT. |
| AB 1894 (Ta) | Nonvehicular Air Pollution: Civil Penalties | | Requires an air pollution control district to provide a person with a period of not less than 30 days to rectify a violation of air pollution laws before the person may be subject to specified civil penalties. | 02/12/2024 - To ASSEMBLY Committees on NATURAL RESOURCES and JUDICIARY. |
| AB 1897 (Flora) | Civil Actions: Prevailing Defendant: Attorney's Fees | | Requires a court, whenever a defendant prevails in a civil action, to award reasonable attorney's fees to a prevailing defendant against the plaintiff upon a finding by the court that the plaintiff's prosecution of the action was not in good faith. | 02/05/2024 - To ASSEMBLY Committee on JUDICIARY. |
| AB 1921 (Papan) | Energy: Renewable Electrical Generation Facilities | | Expands the definition of renewable electrical generation facility to include a facility that uses linear generators using renewable fuels and meets other specified requirements. | 02/05/2024 - To ASSEMBLY Committees on UTILITIES AND ENERGY and NATURAL RESOURCES. |

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| AB 1928 (Sanchez) | Worker Classification: Employees & Independent Contract | | Repeals provisions that codify the ABC test. Declares that its purpose is to suspend and nullify the California Supreme Court's decision in Dynamex and provide that this decision does not apply for purposes of California law. | 02/12/2024 - To ASSEMBLY Committees on LABOR AND EMPLOYMENT and JUDICIARY. |
| AB 1951 (Fong) | California Environmental Quality Act: Exemption | | Exempts from the California Environmental Quality Act (CEQA) a project for wildfire prevention within 50 feet of either side of a roadway. | 02/12/2024 - To ASSEMBLY Committee on NATURAL RESOURCES. |
| AB 1968 (Jackson) | CalFresh: Enrollment for Senior Citizens | | Requires the State Department of Social Services to partner with the Franchise Tax Board to identify qualifying individuals 60 years of age or older and would require the department to create a system to automatically enroll those individuals into the CalFresh program. Requires the department to enroll eligible individuals on an annual basis, and would require the Franchise Tax Board to annually provide the department with the information of individuals with qualifying incomes. | 02/12/2024 - To ASSEMBLY Committees on HUMAN SERVICES and REVENUE AND TAXATION. |
| AB 1969 (Hart) | State Air Resources Board: Clean Off-Road Equipment | | Requires the State Air Resources Board to include unmanned aerial systems, commonly known as drones, in the meaning of agricultural equipment for purposes of CORE, which the bill would define as the program established by the state board as part of the Air Quality Improvement Program. | 02/20/2024 - To ASSEMBLY Committee on NATURAL RESOURCES. |
| AB 1976 (Haney) | Occupational Safety and Health Standards: First Aid Kit | | Requires the Occupational Safety and Health Standards Board to draft a rulemaking proposal to revise a regulation on first aid materials to require all first aid kits in a workplace to include nasal spray naloxone hydrochloride. | 02/12/2024 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT. |
| AB 1998 (Mathis) | Environmental Quality Act: Dept. of Fish and Wildlife | | Requires the Department of Fish and Wildlife to separately track and account for all revenues collected under a specified filing fee provision to defray the costs of managing and protecting fish and wildlife trust resources and all costs incurred in its role as a responsible agency or trustee agency under CEQA. | 02/12/2024 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE. |
| AB 2000 (Mathis) | State Water Project: Permit and License Conditions | | Makes technical, nonsubstantive changes to existing law concerning the State Water Project and permit and license conditions. | 01/30/2024 - INTRODUCED. |

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| AB 2001 (Gallagher) | Political Reform Act of 1974 | | Relates to the Political Reform Act of 1974. Repeals existing sections of law defining statewide election and would revise the definition of campaign expenditures. Revises the permissible text type in print advertisement disclosures, paid for by a committee, other than a political party committee or a candidate controlled committee, to standard Arial Regular and require that the disclosure area not contain any text or image that is not required by any applicable law. | 02/12/2024 - To ASSEMBLY Committee on ELECTIONS. |
| AB 2003 (Fong) | Primary Elections: Withdrawal of Candidacy | | Permits a candidate whose declaration of candidacy has been filed for a primary election to withdraw their candidacy until 5 p.m. on the final day that nomination documents may be delivered or filed for that office at the primary election. | 01/31/2024 - INTRODUCED. |
| AB 2029 (Jackson) | Electric Vehicle Charging Stations: Public Access | | Requires the Department of Transportation to conduct a study on public access to electric vehicle charging stations. Requires the department to submit a report based on the study to the Legislature on or before January 1, 2025. | 02/12/2024 - To ASSEMBLY Committees on TRANSPORTATION and UTILITIES AND ENERGY. |
| AB 2037 (Papan) | Weights an Measures: Electric Vehicle Chargers | | Authorizes a county sealer to test and certify the accuracy of any electric vehicle charger located in the county in which the sealer has jurisdiction, including, but not limited to, an electric vehicle charger owned or operated by a city, county, or a city and county, except as specified. Authorizes a county sealer to close an inaccurate vehicle charger. | 02/12/2024 - To ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION. |
| AB 2041 (Bonta M) | Political Reform Act of 1974: Campaign Funds: Security | | Authorizes a candidate or elected officer to use campaign funds to pay or reimburse the state for the reasonable costs of installing and monitoring a home or office electronic security system or for another tangible item related to security, and for the reasonable costs of providing personal security to a candidate, elected officer, or the immediate family or staff of a candidate or elected officer, provided that the threat to safety arises from the candidate's or elected officer's activities. | 02/12/2024 - To ASSEMBLY Committee on ELECTIONS. |
| AB 2059 (Flora) | Tenancy: Obligations of Landlords: Repairs | | Prohibits a landlord from being liable for dilapidations rendering the premises untenantable, unless the landlord receives written or oral notice of the dilapidations and the landlord is given a reasonable time to repair | 02/12/2024 - To ASSEMBLY Committee on JUDICIARY. |

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| | | | the dilapidations. | |
| AB 2060 (Soria) | Lake and Streambed Alteration Agreements: Exemptions | | Exempts from specified provisions the temporary operation of existing infrastructure or temporary pumps being used to divert flood stage flows, as identified by the California Nevada River Forecast Center or the State Water Resources Control Board, or near-flood stage flows, as defined, to groundwater recharge as long as certain conditions are met. | 02/12/2024 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE. |
| AB 2079 (Bennett) | Sustainable Groundwater Management Act: Basins | | Makes nonsubstantive changes to a provision of the Sustainable Groundwater Management Act. | 02/05/2024 - INTRODUCED. |
| AB 2087 (Alanis) | Environmental Quality Act: Disclosure: Identity | | Require, in all actions or proceedings brought pursuant to the provisions of CEQA, that a filing party include with the filing a disclosure of the identity and interests of the party. Authorizes a court to request more information as needed, including, but not limited to, financial statements and testimony, in the event a filing party that has previously brought an action or proceeding concerning a project makes a subsequent filing in an action or proceeding concerning the same project. | 02/26/2024 - To ASSEMBLY Committees on JUDICIARY and NATURAL RESOURCES. |
| AB 2091 (Grayson) | Environmental Quality Act: Exemption: Interest in Land | | Exempts from the California Environmental Quality Act (CEQA) the acquisition, sale, or other transfer of interest in land by a public agency for the purpose of changing the use of roads from agricultural to public trail purposes. | 02/28/2024 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;02/28/2024 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES. |
| AB 2095 (Maienschein) | Publication: Newspapers of General Circulation | | Requires a person or other specified entity that is legally required to publish a notice in a newspaper of general circulation or other newspaper to publish that notice in a manner that ensures it appears in the newspaper's print publication, on the newspaper's internet website or electronic newspaper available on the internet, and on a statewide internet website maintained as a repository for notices by a majority of California newspapers of general circulation. | 02/20/2024 - To ASSEMBLY Committee on JUDICIARY. |
| AB 2123 (Papan) | Disability Compensation: Paid Family Leave | | Relates to existing law which authorizes an employer to require an employee to take up to 2 weeks of earned but unused vacation before, and as a condition of, the employee's initial receipt of these benefits during | 02/20/2024 - To ASSEMBLY Committee on INSURANCE. |

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| | | | any 12-month period in which the employee is eligible for these benefits. Eliminates that authorization and related provisions. | |
| AB 2135 (Schiavo) | Public Works Contracts: Wage and Penalty Assessment | | Relates to existing law which requires the wage and penalty assessment against a contractor or subcontractor to be served not later than 18 months after the filing of a valid notice of completion in the office of the county recorder in each county in which the public work or some part thereof was performed, or not later than 18 months after acceptance of the public work. Extends this time period to 24 months, and would authorize an extension for good cause. | 02/20/2024 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT. |
| AB 2149 (Connolly) | Gates: Standards: Inspection | | Requires a regulated gate, defined as an automatic or manual vehicular gate, or a gate that is larger than 48 inches wide and 84 inches high, to meet specified standards. | 02/20/2024 - To ASSEMBLY Committee on JUDICIARY. |
| AB 2153 (Lowenthal) | California Public Records Act: Public Agency Employees | | Requires each agency, upon receipt of a request for a copy of, or the inspection of, any personnel, medical, or similar records of a public agency employee or any record that would disclose a public agency employee's personal identity in connection with the performance of that employee's work duties, to promptly and prior to the release of the records, provide written notice of the request to that public agency employee. | 02/20/2024 - To ASSEMBLY Committee on JUDICIARY. |
| AB 2171 (Bennett) | Water: Department of Water Resources | | Makes nonsubstantive changes to existing law which provides for the appointment of the Director of Water Resources by the Governor. | 02/07/2024 - INTRODUCED. |
| AB 2172 (Wallis) | Irrigation Districts: Water Distribution | | Makes nonsubstantive changes to existing law which authorizes the landowner to assign for use within the irrigation district the right to the whole or any portion of the water apportioned to that landowner. | 02/07/2024 - INTRODUCED. |
| AB 2187 (Bryan) | Office of Tenants' Rights and Protections | | States the intent of the Legislature to enact subsequent legislation to establish the Office of Tenants' Rights and Protections. | 02/07/2024 - INTRODUCED. |
| AB 2190 (Mathis) | California Environmental Quality Act | | Authorizes the Governor to certify energy infrastructure projects that use hydrogen as a fuel for streamlining benefits related to the California | 02/26/2024 - To ASSEMBLY Committees on NATURAL RESOURCES and |

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| | | | Environmental Quality Act (CEQA). | JUDICIARY. |
| AB 2196 (Connolly) | Beaver Restoration | | Requires the Department of Fish and Wildlife to, through consultation with beaver restoration program partners, develop a program to promote beaver restoration across California. The bill would, no later than January 1, 2026, require the department to expand the program by, among other things, developing a licensing scheme that includes the issuance and administration of permits for the capture, handling, transport, and release of beavers on public and private lands. | 02/07/2024 - INTRODUCED. |
| AB 2208 (Zbur) | Offshore Wind Energy Projects: Bond Act | | Declares the intent of the Legislature to enact legislation to submit to the voters an act authorizing the issuance of general obligation bonds in a specified amount for seaport infrastructure improvements to facilitate offshore wind energy projects off the California coast. | 02/07/2024 - INTRODUCED. |
| AB 2213 (Rubio) | Redevelopment: Oversight Boards | | Requires redevelopment oversight boards numbered one through 5, and their respective jurisdictions to encompass the same territory located within the respective boundaries of the first through 5th districts, as those district boundaries are determined and adjusted by the Citizens Redistricting Commission of that county. | 02/26/2024 - To ASSEMBLY Committee on LOCAL GOVERNMENT. |
| AB 2216 (Haney) | Tenancy: Common Household Pets | | States the intent of the Legislature to enact legislation related to a landlord's ability to prohibit common household pets in residential tenancies. | 02/07/2024 - INTRODUCED. |
| AB 2232 (Maienschein) | The Civil Rights Department: Enforcement Actions | | Includes the Civil Rights Department as an agency authorized to bring a civil action whenever there is reasonable cause to believe that a person is engaged in conduct of resistance to the full enjoyment of certain civil rights. | 02/26/2024 - To ASSEMBLY Committee on JUDICIARY. |
| AB 2256 (Friedman) | Public Utilities: Low-Income Customers | | Makes nonsubstantive changes to provisions relating to the Low-Income Oversight Board. | 02/08/2024 - INTRODUCED. |
| AB 2257 (Wilson) | Local Government: Property- related Water and Sewer Fees | Support | Prohibits, if a local agency complies with specified procedures, a person or entity from bringing a judicial action or proceeding alleging noncompliance with the constitutional provisions for any new, increased, | 02/26/2024 - To ASSEMBLY Committees on JUDICIARY and LOCAL GOVERNMENT. |

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| | | | or extended fee or assessment, unless that person or entity has timely submitted to the local agency a written objection to that fee or assessment that specifies the grounds for alleging noncompliance. | |
| AB 2264 (Arambula) | Occupational Safety and Health: Heat Illness Prevention | | Requires by a specified date, an employee to obtain a heat illness prevention certification from the Division of Occupational Safety and Health within 30 days after the date of hire and to maintain a valid certification for the duration of their employment, as specified. | 02/26/2024 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT. |
| AB 2266 (Petrie-Norris) | California Hybrid and Zero-Emission Truck and Bus | | Requires the State Air Resources Board to authorize a voucher issued under the program to be used for the acquisition of any zero-emission vehicle that meets specified requirements. | 02/26/2024 - To ASSEMBLY Committees on TRANSPORTATION and NATURAL RESOURCES. |
| AB 2278 (Carrillo) | Rent Increases: Percentage Change in the Cost of Living | | Requires the Department of Housing and Community Development to, by August 1 of each year, publish the maximum allowable rent increase on its internet website for each metropolitan area. | 02/08/2024 - INTRODUCED. |
| AB 2283 (Pacheco) | Public Records: Employee Personnel Records: Notice | | Requires a public agency that receives a request for the personnel records of one of the public agency's employees to provide written notice, as prescribed, to the employee within 48 hours of receipt of the request if specified conditions are met. | 02/26/2024 - To ASSEMBLY Committee on JUDICIARY. |
| AB 2285 (Rendon) | Environmental Protection: 30x30 goal | | Encourages the Governor's office, state agencies, and the Legislature, when distributing resources towards conservation and restoration goals during future budgetary deliberations, to ensure parity in allocations toward urban nature-based investments. | 02/26/2024 - To ASSEMBLY Committees on NATURAL RESOURCES and WATER, PARKS AND WILDLIFE. |
| AB 2302 (Addis) | Open Meetings: Local Agencies: Teleconferences | | Relates to existing law which imposes prescribed restrictions on remote participation by a member of a legislative body of a local agency under alternative teleconferencing provisions. Revises the limits, instead prohibiting such participation for more than a specified number of meetings per year, based on how frequently the legislative body regularly meets. | 02/26/2024 - To ASSEMBLY Committee on LOCAL GOVERNMENT. |
| AB 2304 (Lee) | Unlawful Detainer: Case Records | | Relates to existing law which requires that access in unlawful detainer actions must be given to any other person within specified number of days after the complaint has been filed if judgment against all defendants has | 02/26/2024 - To ASSEMBLY Committee on JUDICIARY. |

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| | | | been entered for the plaintiff within specified number days of the filing of the complaint. Expands the access requirement to include all unlawful detainer actions. Deletes the exemption for cases that seek to terminate a mobile home tenancy. | |
| AB 2311 (Bennett) | Greenhouse Gas Reduction Fund: Grant Program | | Expands the grant program promoting food waste preevention to provide financial assistance for the recovery of edible food, as specified. Specifies that eligible infrastructure projects includes the construction or expansion of facilities to help develop, implement, or expand edible food waste recovery operations. | 02/26/2024 - To ASSEMBLY Committee on NATURAL RESOURCES. |
| AB 2318 (Papan) | State Water Pollution Cleanup and Abatement Account | | Requires the State Water Resources Control Board to, no later than January 1 of each year, post on its internet website a report describing the receipts and expenditures of the State Water Pollution Cleanup and Abatement Account. | 02/26/2024 - To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS. |
| AB 2320 (Irwin) | Wildlife Connectivity and Climate Adaptation Act | | Enacts the Wildlife Connectivity and Climate Adaptation Act of 2024, which would require the Natural Resources Agency, as part of the annual report, to identify key wildlife corridors in the state, connections between large blocks of natural areas and habitats, progress on protecting additional acres of wildlife corridors, and goals for wildlife corridor protection in the next 5 years. | 02/26/2024 - To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and NATURAL RESOURCES. |
| AB 2330 (Holden) | Endangered Species: Authorized Take: Fuel Management | | Requires the Department of Fish and Wildlife to, within 90 days of receiving an application, authorize through permits or memorandum of understanding the take of endangered species, threatened species, and candidate species incidental to any routine fuel management activities conducted by local agencies on lands that are within moderate, high, or very high fire hazard severity zones and adjacent to wildland-urban interface fire areas. | 02/26/2024 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE. |
| AB 2334 (Grayson) | Surplus Land | | Relates to existing law which requires a local agency disposing of surplus land to comply with certain notice requirements before disposing of the land or participating in negotiations to dispose of the land with a prospective transferee. Makes a nonsubstantive change to the provisions regarding written notice of availability for open-space purposes. | 02/12/2024 - INTRODUCED. |

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| AB 2344 (Petrie-Norris) | Fire Prevention: Grant Programs: Reporting | | Requires the Wildfire and Forest Resilience Task Force, on or before July 1, 2025, and annually thereafter, to compile and post on its internet website specified information regarding identified state and federal grant programs relating to fire prevention and resilience. | 02/26/2024 - To ASSEMBLY Committee on NATURAL RESOURCES. |
| AB 2346 (Lee) | Organic Waste Reduction Regulations: Procurements | | Authorizes local jurisdictions to be credited for the procurement of recovered organic waste products through an agreement with a direct service provider, and would allow the direct service provider agreement to include the procurement of recovered organic waste products on a prospective or retrospective basis as long as the purchase of those products occurs during the year for which the local jurisdiction seeks credit. | 02/26/2024 - To ASSEMBLY Committee on NATURAL RESOURCES. |
| AB 2355 (Carrillo) | Political Advertisements: Artificial Intelligence | | Requires a person, committee, or other entity that creates, originally publishes, or originally distributes a qualified political advertisement to include in the advertisement a specified disclosure that the advertisement was generated, in whole or in part, using artificial intelligence. Defines qualified political advertisement to include any paid advertisement that relates to a candidate for federal, state, or local office. | 02/12/2024 - INTRODUCED. |
| AB 2361 (Davies) | Planning and Zoning: Regional Housing Needs | | Establishes a pilot program for the Counties of Orange and San Diego, and the cities therein. Authorizes a city or county within the pilot program, by agreement, to transfer all or a portion of its allocation of regional housing need to another city or county within the pilot program. Allows the transferring city or county to pay the transferee city or county an amount determined by that agreement, as well as a surcharge to offset the impacts and associated costs of the additional housing. | 02/26/2024 - To ASSEMBLY Committees on HOUSING AND COMMUNITY DEVELOPMENT and LOCAL GOVERNMENT. |
| AB 2372 (Bains) | Greenhouse Gas Emissions: State Board: Report | | Requires the State Air Resources Board to perform a specified evaluation of achieving the policy goal of ensuring that by 2045 statewide anthropogenic greenhouse gas emissions are reduced as specified and report its findings and recommendations to the Legislature by December 31, 2030. | 02/26/2024 - To ASSEMBLY Committee on NATURAL RESOURCES. |
| AB 2388 (Patterson J) | Information Practices Act of 1977 | | Prohibits an individual's name and address from being distributed, sold, or rented by an agency for any purpose that has financial gain unless that action is specifically authorized by law. | 02/26/2024 - To ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION. |

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| AB 2403 (Bonta M) | Enhanced Infrastructure Financing Districts | | Includes, in the list of facilities and projects the district may fund, community food and climate resilience projects that increase local food production in and for disadvantaged communities, as defined, and are powered by renewable energy, including community gardens. | 02/26/2024 - To ASSEMBLY Committee on LOCAL GOVERNMENT. |
| AB 2409 (Papan) | Office of Planning and Research: Permitting | | Requires the Office of Planning and Research, on or before January 1, 2026, to create and maintain, as specified, a permitting accountability transparency internet website (dashboard). | 02/12/2024 - INTRODUCED. |
| AB 2418 (Patterson) | Vehicular Air Pollution: Heavy-Duty Trucks | | Exempts, notwithstanding any other law, a 2024 and subsequent model heavy-duty truck that meets federal exhaust emission standards from the state regulations governing exhaust emissions standards and test procedures for 1985 and subsequent model heavy-duty engines and vehicles. | 02/26/2024 - To ASSEMBLY Committee on TRANSPORTATION. |
| AB 2421 (Low) | Employer-Employee Relations: Confidential Communication | | Prohibits a local public agency employer, a state employer, a public school employer, a higher education employer, or the district from questioning any employee or employee representative regarding communications made in confidence between an employee and an employee representative in connection with representation relating to any matter within the scope of the recognized employee organization's representation. | 02/26/2024 - To ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT. |
| AB 2426 (Irwin) | Consumer Protection: Online Digital Content | | States the intent of the Legislature to enact legislation to provide consumer protection for online digital content. | 02/13/2024 - INTRODUCED. |
| AB 2427 (McCarty) | Electric Vehicle Charging Stations: Permitting | | Requires the Office of Business and Economic Development to develop a model permitting checklist, model zoning ordinances, and best practices for permit costs and permit review timelines to help local governments permit curbside charging stations as part of the office's development of the Electric Vehicle Charging Station Permitting Guidebook or any subsequent updates. | 02/13/2024 - INTRODUCED. |
| AB 2433 (Quirk-Silva) | California Private Permitting Review and Inspection Act | | Enacts the California Private Permitting Review and Inspection Act, which would require a building department of the county or city to | 02/13/2024 - INTRODUCED. |

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| | | | prepare a schedule of fees for permits or other documents and post the schedule on the county or city's internet website if the city or county prescribes the fees. | |
| AB 2439 (Quirk-Silva) | Public Records: Owners and Developers | | Requires an owner, developer, or their agents who receives public funds or the equivalent of public funds from a public agency to perform a public works project to be subject to the Public Records Act in connection with records that it prepares, owns, uses, or retains relating to that public works project. Requires the owner, developer, or their agents to establish written guidelines for accessibility of records. | 02/26/2024 - To ASSEMBLY Committee on JUDICIARY. |
| AB 2440 (Reyes) | 30x30 Goal: Partnering State Agencies | | Requires the Natural Resources Agency to prioritize promoting and supporting partnering state agencies and departments, including, but not limited to, the Department of Parks and Recreation, in the acquisition and responsible stewardship of state land. | 02/26/2024 - To ASSEMBLY Committees on NATURAL RESOURCES and WATER, PARKS AND WILDLIFE. |
| AB 2453 (Villapudua) | Weights and Measures: Electric Vehicle Chargers | | Authorizes a measuring instrument used to measure the amount of electricity transferred from an electric vehicle charger to be used in connection with the sale of electricity as a motor vehicle fuel without first being tested if it is a type approved by the Department of Food and Agriculture, is calibrated and sealed by the manufacturer, and is unalterable. | 02/13/2024 - INTRODUCED. |
| AB 2480 (Garcia E) | Carl Moyer Memorial Air Quality Standards Attainment | | Provides that, notwithstanding any other law, a project to purchase a new zero-emission schoolbus to replace an internal combustion engine schoolbus is eligible for a grant under the Carl Moyer Memorial Air Quality Standards Attainment Program regardless of the model year of the associated internal combustion engine. | 02/13/2024 - INTRODUCED. |
| AB 2482 (Papan) | Property Tax Allocations | | Makes a nonsubstantive change to existing law which requires that each city, county, and city and county receive additional property tax revenues in the form of a vehicle license fee adjustment amount from a Vehicle License Fee Property Tax Compensation Fund that exists in each county treasury. | 02/13/2024 - INTRODUCED. |
| AB 2488 (Ting) | Enhanced Infrastructure Financing Districts | | Makes a nonsubstantive change to existing law which authorizes a city or county to designate one or more proposed enhanced infrastructure | 02/13/2024 - INTRODUCED. |

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| | | | financing districts pursuant to specified requirements. | |
| AB 2493 (Pellerin) | Tenancy: Application Screening Fee: Waiting List | | Prohibits a landlord or their agent from charging an applicant an application screening fee to be entered onto a waiting list when they know or should have known that no rental unit is available at that time or will be available within a reasonable period of time. | 02/26/2024 - To ASSEMBLY Committee on JUDICIARY. |
| AB 2495 (Muratsuchi) | Electricity: State Policy | | Makes nonsubstantive changes to a state policy that eligible renewable energy resources and zero-carbon resources supply 90% of all retail sales of electricity to California end-use customers by December 31, 2035, 95% of all retail sales of electricity to California end-use customers by December 31, 2040, 100% of all retail sales of electricity to California end-use customers by December 31, 2045, and 100% of electricity procured to serve all state agencies by December 31, 2035. | 02/13/2024 - INTRODUCED. |
| AB 2498 (Zbur) | Housing: the California Housing Security Act | | Establishes the California Housing Security Program to provide a housing subsidy to eligible persons to reduce housing insecurity and help Californians meet their basic housing needs. Provides that to create the program, the bill would require the Department of Housing and Community Development to establish a 2-year pilot program in up to 4 counties. | 02/26/2024 - To ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT. |
| AB 2499 (Schiavo) | Unlawful Employment Practice: Discriminate for Time Off | | Revises and recasts the jury, court, and victim time off provisions for employees as unlawful employment practices within the California Fair Employment and Housing Act and, thus, within the enforcement authority of the Civil Rights Department. Removes the threshold of 25 or more employees from the provisions for victims of crime or abuse and, except as specified, apply its provisions to a person who directly employs one or more persons to perform services for a wage or salary. | 02/26/2024 - To ASSEMBLY Committees on LABOR AND EMPLOYMENT and JUDICIARY. |
| AB 2501 (Alvarez) | Water Quality Control Plans: Donations and Grants | | Authorizes the State Water Resources Control Board, on behalf of itself or a regional board, to accept moneys from donations, grants, or contributions, or through contractual agreements, from public agencies, foundations, or other not-for-profit entities for the purpose of planning, permitting, or providing technical support for projects of public benefit, as defined, within the state board's or regional board's jurisdiction. | 02/26/2024 - To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS. |

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| AB 2502 (Rivas) | Public Contracts: Emergencies | | Defines an emergency as an immediate action to prevent or mitigate the loss or impairment of life, health, property, or essential public services caused by the impacts of homelessness. | 02/13/2024 - INTRODUCED. |
| AB 2515 (Papan) | Menstrual Products: Perfluoroalkyl and Polyfluoroalkyl | | Relates to Menstrual products perfluoroalkyl and polyfluoroalkyl substances (PFAS). Prohibits any person from selling in the state any menstrual products that contain regulated PFAS, as defined. | 02/13/2024 - INTRODUCED. |
| AB 2517 (Fong) | Water: Water Districts: Irrigation Districts: Debris | | States the intent of the Legislature to enact subsequent legislation to streamline the process for water districts and irrigation districts to remove debris in waterways. | 02/13/2024 - INTRODUCED. |
| AB 2522 (Carrillo) | South Coast Air Quality Management District: | | Provides that each member of the South Coast Air Quality Management District Board shall receive compensation of \$200 for each day, or portion thereof, but not to exceed \$2,000 per month, while attending meetings of the board or any committee thereof or, upon authorization of the board, while on official business of the district, and the actual and necessary expenses incurred in performing the member's official duties. | 02/13/2024 - INTRODUCED. |
| AB 2552 (Friedman) | Pesticides: First-Generation Anticoagulant Rodenticides | | Expands the definition of a wildlife habitat area to include an open-space land. Prohibits the use of a second-generation anticoagulant rodenticide within specified number of feet of a wildlife habitat area, and prohibits the use of first-generation anticoagulant rodenticide, defined as a pesticide product containing the active ingredients diphacinone, chlorophacinone, or warfarin, in a wildlife habitat area. | 02/14/2024 - INTRODUCED. |
| AB 2560 (Alvarez) | Density Bonus Law: California Coastal Act of 1976 | | Provides that any density bonus, concessions, incentives, waivers or reductions of development standards, and parking ratios to which an applicant is entitled under the Density Bonus Law be permitted notwithstanding the California Coastal Act of 1976. | 02/14/2024 - INTRODUCED. |
| AB 2579 (Quirk-Silva) | Property Tax Revenue Allocations: County of Orange | | Requires the auditor of the County of Orange to increase the total amount of ad valorem property tax revenue that is otherwise required to be allocated to the county by the county equity amount, and to commensurately decrease the amount of ad valorem property tax revenue that is otherwise required to be allocated to the county Educational Revenue Augmentation Fund and, if necessary, the amount of those | 02/14/2024 - INTRODUCED. |

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| | | | revenues otherwise required to be allocated to school districts. | |
| AB 2584 (Lee) | Single-Family Residential Real Property | | Prohibits a business entity that has an interest in more than 1,000 single-family residential properties from purchasing, acquiring, or otherwise obtaining an interest in another single-family residential property and subsequently leasing the property. Authorizes the Attorney General to bring a civil action for a violation of these provisions. | 02/14/2024 - INTRODUCED. |
| AB 2585 (Bonta M) | Employee Housing Act: Permanent Single-Family | | Relates to the Employee Housing Act, which authorizes a permit to operate employee housing consisting only of permanent single-family housing to, if approved by the enforcement agency, be issued for a longer period of time not to exceed 5 years. Authorizes that permit to be issued for a period of time not to exceed 6 years. | 02/14/2024 - INTRODUCED. |
| AB 2599 (Environmental Safety and Toxic Materials) | Public Beaches: Minimum Standards: Sewage | | Authorizes the health officer to meet the requirements regarding the testing of untreated sewage by using test results from other parties that have conducted microbiological contamination testing of the waters under the health officer's jurisdiction. | 02/14/2024 - INTRODUCED. |
| AB 2611 (Wallis) | Political Reform Act of 1974: Conflicts | | Makes a technical, nonsubstantive change to existing law which permits a public official to make or participate in the making of a governmental decision, even if the public official knows or has reason to know that the official has a financial interest, if the official's participation is legally required for the action or decision to be made. | 02/14/2024 - INTRODUCED. |
| AB 2614 (Ramos) | Water | | Makes a nonsubstantive change to the declaration that, because of the conditions prevailing in this state, the general welfare requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable, and that the waste or unreasonable use or unreasonable method of use of water be prevented. | 02/14/2024 - INTRODUCED. |
| AB 2617 (Carrillo J) | Local Government Registration of Bonds | | Makes nonsubstantive changes to existing law which requires the treasurer of a local agency having the duty of paying the interest on an issue of ad valorem special assessment district improvement bonds, upon the direction of the legislative body, to keep a register. | 02/14/2024 - INTRODUCED. |

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| AB 2619 (Connolly) | Net Energy Metering | | Requires all eligible customer-generators of large electrical corporations receiving service under the 2nd standard contract or tariff to be subject to a specified version of the tariff developed by the PUC in a specified rulemaking. Requires the commission to develop a new standard contract or tariff providing for net energy metering for eligible customer-generators of large electrical corporations. | 02/14/2024 - INTRODUCED. |
| AB 2622 (Carrillo J) | Contractors: Exemptions: Advertisements | | Relates to existing law which exempts from the licensing requirement a work or operation on one undertaking or project by one or more contracts, if the aggregate contract price for labor, material, and all other items is under \$500. Expands the licensing exemption and the advertisement authorization by increasing the maximum aggregate contract price to \$5,000. | 02/14/2024 - INTRODUCED. |
| AB 2626 (Dixon) | Advanced Clean Fleets Regulations: Local | | Extends the compliance dates for local government set forth in the Advanced Clean Fleets Regulation by 10 years. Prohibits the state board from taking enforcement action against a local government for violating the Advanced Clean Fleets Regulation if the alleged violation occurs before January 1, 2025. | 02/14/2024 - INTRODUCED. |
| AB 2631 (Fong M) | Local Agencies: Ethics Training | | Requires the Fair Political Practices Commission, in consultation with the Attorney General, to create, maintain, and make available to local agency officials an ethics training course, as specified. | 02/14/2024 - INTRODUCED. |
| AB 2661 (Soria) | Water: Storage Capacity | | States the intent of the Legislature to enact subsequent legislation to increase statewide water storage capacity. | 02/14/2024 - INTRODUCED. |
| AB 2663 (Grayson) | Development Fees | | Makes nonsubstantive changes to the definitions under the Mitigation Fee Act. | 02/14/2024 - INTRODUCED. |
| AB 2671 (Weber A) | Family Daycare Homes: Filtered Water | | Amends the California Child Day Care Facilities Act. Requires a licensed family daycare home to only serve water to children, or use water in food preparation for the family daycare home, that has been filtered with a point-of-use water filtration device certified to meet specified standards for water safety, and that explicitly claims to remove lead. Provides that | 02/14/2024 - INTRODUCED. |

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| | | | specified funds may be used to provide lead-removing water filters to such homes. | |
| AB 2684 (Bryan) | Safety Element: Extreme Heat | | Relates to Planning and Zoning Law. Requires legislative body of city or county to adopt a comprehensive, long-term general plan that includes various elements, including, among others, a safety element for the protection of the community from unreasonable risks associated with the effects of various geologic and seismic hazards, flooding, and wildland and urban fires. Requires planning agency review and revise safety element upon revision its housing element or local hazard mitigation plan. | 02/14/2024 - INTRODUCED. |
| AB 2705 (Ortega) | Public Employees: Retraining and Rehabilitation | | Makes nonsubstantive changes to provisions of law that requires every public agency, its insurance carrier, and the Department of Rehabilitation to jointly formulate procedures for the selection and referral of injured full-time public employees who may be benefited by rehabilitation services and retrained for other positions in public service. | 02/14/2024 - INTRODUCED. |
| AB 2715 (Boerner) | Ralph M. Brown Act: Closed Session | | Authorizes a closed session of a legislative body of a local agency to consider or evaluate matters related to cybersecurity, as specified, provided that any action taken on those matters is done in open session. | 02/14/2024 - INTRODUCED. |
| AB 2716 (Bryan) | Idle Wells | | Makes nonsubstantive changes to existing law which requires the operator of any idle well to either (1) no later than May 1 of each year, for each idle well that was an idle well at any time in the last calendar year, file with the supervisor an annual fee according to a specified schedule of fees based on the length of time a well has been idle, or (2) file a plan with the supervisor to provide for the management and elimination of all long-term idle wells. | 02/14/2024 - INTRODUCED. |
| AB 2721 (Agriculture) | Transporting Kitchen Grease | | Extends the Department of Food and Agriculture's authorization to cover the cost of administering provisions which state that it is unlawful for any person or entity to engage in the transportation of inedible kitchen grease without being registered with the department. Expands the dates for which any person who is found guilty of violating the above-described provisions or rules and regulations promulgated pursuant to the above-described provisions is subject to imprisonment or a fine. | 02/14/2024 - INTRODUCED. |

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| AB 2729 (Patterson J) | Residential Fees and Charges | | Deletes the authorization for a local agency to require payment of fees or charges on a residential development prior to the date of final inspection or issuance of the certificate of occupancy, whichever occurs first. | 02/15/2024 - INTRODUCED. |
| AB 2741 (Haney) | Temporary Employees: Labor Contractors | | Imposes certain requirements on a labor contractor and a client employer who has obtained a temporary worker from the labor contractor, as those terms are defined. Requires a labor contractor to include on the wage statement of each temporary worker the total amount of actual charges to the client employer for the temporary worker compared to the total compensation cost for the temporary worker. | 02/15/2024 - INTRODUCED. |
| AB 2754 (Rendon) | Employment Contracts and Agreements: Funds | | Relates to existing law which prohibits a person or entity from entering into a contract or agreement for labor or services with specified types of contractors if the person or entity knows or should know that the contract or agreement does not include funds sufficient to allow the contractor to comply with all applicable local, state, and federal laws or regulations governing the labor or services to be provided. Applies these provisions to motor carriers. Defines motor carriers as specified. | 02/15/2024 - INTRODUCED. |
| AB 2785 (Wilson) | Tenancy: Application Fees and Security Deposits | | Requires a landlord to, within 30 days of receiving a tenant's security, deposit the sum into an account of a bank or other financial institution regulated by the state or federal government, subject to specified requirements, including that any balance originating from the security that remains in the account after reimbursement to the landlord as described above, including interest accrued on that balance, is payable to the tenant. | 02/15/2024 - INTRODUCED. |
| AB 2799 (Fong) | Sustainable Groundwater Management: State Agencies | | Makes a nonsubstantive change to existing law which requires all relevant state agencies to consider the policies of the Sustainable Groundwater Management Act, and any groundwater sustainability plans adopted pursuant to the act, when revising or adopting policies, regulations, or criteria, or when issuing orders or determinations, where pertinent. | 02/15/2024 - INTRODUCED. |
| AB 2801 (Friedman) | Tenancy: Security Deposits | | Limits claims against the tenant or the security for materials or supplies to the amount necessary to make reasonable replacements. The bill would limit claims against the tenant or the security for materials or supplies related to repairs to those necessary to restore the premises back to the same condition it was in at the inception of the tenancy, exclusive of | 02/15/2024 - INTRODUCED. |

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| | | | ordinary wear and tear. | |
| AB 2827 (Reyes) | Invasive Species | | Finds and declares that it is a primary goal of the state to prevent the introduction, and suppress the spread, of invasive species within its border. Requires, in carrying out this goal, state agencies, in collaboration with relevant stakeholders, to, among other things, develop and implement strategies to detect, control, monitor, and eradicate invasive species to protect the state's agriculture, environment, and natural resources. | 02/15/2024 - INTRODUCED. |
| AB 2855 (Flora) | Skilled and Trained Workforce Requirements | | Makes nonsubstantive changes to existing law which authorizes a public entity to require a bidder, contractor, or other entity to use a skilled and trained workforce to complete a contract or project. Requires that the commitment to use a skilled and trained workforce be made in an enforceable agreement that meets specified requirements. | 02/15/2024 - INTRODUCED. |
| AB 2867 (Gabriel) | Civil Actions: Eminent Domain | | Makes a technical, nonsubstantive change to the provisions governing applications to take possession of a property prior to judgment. | 02/15/2024 - INTRODUCED. |
| AB 2875 (Friedman) | Wetlands: State Policy | | Declares that it is the policy of the state to ensure no net loss and long-term gain in the quantity, quality, and permanence of wetlands acreage and values in California. Makes related legislative findings and declarations. | 02/15/2024 - INTRODUCED. |
| AB 2894 (Gallagher) | Urban Water Use Targets: Indoor Residential Water | | Makes a nonsubstantive change to the provision requiring the Department of Water Resources to develop technical methodologies and criteria for purposes of urban water use reduction. | 02/15/2024 - INTRODUCED. |
| AB 2902 (Wood) | Organic Waste: Reduction Regulations: Exemptions | | Requires the Department of Resources Recycling and Recovery to develop training and technical assistance materials to assist local governments in expanding community composting operations. Creates a model ordinance and franchise provisions that exempt small-scale community composting operations from specific regulatory and exclusivity provisions. | 02/15/2024 - INTRODUCED. |
| AB 2911 (McKinnor) | Campaign Contributions: Agency Officers | | Makes a nonsubstantive change to provisions of the Political Reform Act of 1974 concerning party contributions. | 02/15/2024 - INTRODUCED. |

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| AB 2933 (Low) | Dwelling Units: Water Service | | Makes a nonsubstantive change to existing law that regulates the hiring of dwelling units and, among other things, imposes certain requirements on landlords and tenants. Provides that under existing law, if a tenant notifies the landlord, or the landlord otherwise becomes aware of a leak, drip, or water fixture that does not shut off properly, then the landlord is required to have the condition investigated, and, if warranted, to rectify the condition. | 02/15/2024 - INTRODUCED. |
| AB 2937 (Wicks) | Environmental Quality Act: Streamlined Reviews | | Makes nonsubstantive changes to the California Environmental Quality Act which a lead agency, as defined, to prepare, or cause to be prepared, and certify the completion of an environmental impact report (EIR) on a project that it proposes to carry out or approve that may have a significant effect on the environment or to adopt a negative declaration if it finds that the project will not have that effect. | 02/15/2024 - INTRODUCED. |
| AB 2945 (Alvarez) | Enhanced Infrastructure Financing Districts | | Makes a nonsubstantive change to the provisions stating the declaration of the Legislature within the context of the provisions that authorize the creation of enhanced infrastructure financing districts. | 02/16/2024 - INTRODUCED. |
| AB 2947 (Lackey) | Water: Turfgrass Conversion | | Prohibits the Department of Water Resources, when it allocates funding for turf replacement programs, from excluding urban water suppliers' turfgrass conversion rebate programs if the rebate program requires the recipient of a rebate to achieve a net water savings and to use the most efficient turfgrass irrigation equipment. | 02/16/2024 - INTRODUCED. |
| AB 2951 (Cervantes) | Elections: Request for Recount: Notice | | Requires the Secretary of State to send a copy of the written request for a vote recount to the elections official by electronic delivery. Requires the elections official to provide written confirmation of delivery to the Secretary of State. | 02/16/2024 - INTRODUCED. |
| AB 2952 (Addis) | Public Employees: Retraining and Rehabilitation | | Makes nonsubstantive changes to existing law which requires every public agency, its insurance carrier, and the Department of Rehabilitation to jointly formulate procedures for the selection and referral of injured full-time public employees who may be benefited by rehabilitation services and retrained for other positions in public service. | 02/16/2024 - INTRODUCED. |

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| AB 2958 (Calderon) | State Air Resources Board: Board Members | | Repeals the prohibition on compensation of the members of the State Air Resources Board from air districts. Provides for the per diem amount for all members of the State Board. | 02/16/2024 - INTRODUCED. |
| AB 2962 (Papan) | Water Appropriations: Permits | | Makes a nonsubstantive change to existing law which requires the State Water Resources Control Board to consider and act upon all applications for permits to appropriate water. | 02/16/2024 - INTRODUCED. |
| AB 2969 (Ting) | California Housing Finance Agency: Dwelling Units | | Makes a nonsubstantive change to existing law which requires CalHFA to convene a working group to develop recommendations to assist homeowners in qualifying for loans to construct accessory dwelling units and junior accessory dwelling units on the homeowner's property and to increase access to capital for homeowners interested in building accessory dwelling units. | 02/16/2024 - INTRODUCED. |
| AB 2994 (Wicks) | Employment Relations | | Makes nonsubstantive changes to existing law which requires a person who, for money or other valuable consideration, knowingly advises an employer to treat an individual as an independent contractor to avoid employee status for that individual to be jointly and severally liable with the employer, if the individual is found not to be an independent contractor. | 02/16/2024 - INTRODUCED. |
| AB 3007 (Hoover) | Environmental Quality Act: Record of Documents | | Requires the county clerk of each county and the Office of Planning and Research to maintain a record either electronically or on paper, or both, of all environmental documents received. | 02/16/2024 - INTRODUCED. |
| AB 3008 (Ramos) | Political Reform Act of 1974: Tribal Governments | | Expands the scope of the exclusion from income under the Political Reform Act of 1974, further excluding salary and reimbursement for expenses or per diem, and social security, disability, or other similar benefit payments received from a tribal agency from the definition of income. | 02/16/2024 - INTRODUCED. |
| AB 3012 (Grayson) | Cities: Legislative Body: Water | | Makes a nonsubstantive change to existing law which authorizes the legislative body of a city to engage in specified acts relating to municipal water supply and infrastructure. | 02/16/2024 - INTRODUCED. |

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| AB 3013 (Maienschein) | Official Notices: Newspapers of General Circulation | | Provides that existing law requires that, whenever any official advertising, notice, resolution, order, or other matter of any nature whatsoever is required by law to be published in a newspaper, that publication be made only in a newspaper of general circulation. Makes nonsubstantive changes in the definition of a newspaper of general circulation. | 02/16/2024 - INTRODUCED. |
| AB 3017 (Hart) | State-Funded Assistance Grants and Contracts | | Provides that existing law authorizes specified State departments and authorities, upon determination that an advance payment is essential for the effective implementation of a program, to advance to a community-based private nonprofit agency with which it has contracted for the delivery of services funds. Includes within the definition of a recipient entity a federally recognized Indian tribe whose territorial boundaries lie wholly or partially within the State. | 02/16/2024 - INTRODUCED. |
| AB 3048 (Lowenthal) | California Consumer Privacy Act of 2018 | | Prohibits a business from developing or maintaining a browser through which a consumer interacts with a business that does not include a setting that enables the consumer to send an opt-out preference signal to that business and would prohibit a business from developing or maintaining a device through which a consumer interacts with a business that does not include a setting that enables the consumer to send an opt-out preference signal to that business pursuant to regulations. | 02/16/2024 - INTRODUCED. |
| AB 3057 (Wilson) | Environmental Quality Act: Exemption: Dwelling Units | | Expands the California Environmental Quality Act (CEQA) exemption pertaining to accessory dwelling units to include the adoption of an ordinance by a city or county to provide for the creation of junior accessory dwelling units in single-family residential zones. | 02/16/2024 - INTRODUCED. |
| AB 3073 (Haney) | Wastewater Testing: Illicit Substances | | Requires the State Water Resources Control Board to create a program to test for illicit substances, including, but not limited to, cocaine, fentanyl, methamphetamine, and morphine, in wastewater. Requires local sanitation agencies to collect wastewater samples for testing by the state board. | 02/16/2024 - INTRODUCED. |
| AB 3084 (Soria) | Groundwater Basin Management | | Expresses the intent of the Legislature to enact future legislation to improve groundwater basin management. | 02/16/2024 - INTRODUCED. |
| AB 3090 | Drinking Water Standards: | | Authorizes and encourages public water systems to provide notification | 02/16/2024 - INTRODUCED. |

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| (Maienschein) | Noncompliance | | when drinking water standards are not complied with through public safety communications technology, including the federal Wireless Emergency Alert system, that communicates with groups in the affected geographic area. | |
| AB 3111 (Calderon) | Distributed Energy Resources | | Requires, as part of an application submitted for a permit to install or interconnect a distributed energy resource or an aggregated distributed energy resource, or at the time an aggregator enrolls an aggregated distributed energy resource in an aggregation program, the applicant or aggregator to provide notice to the Energy Commission that contains specified information about the distributed energy resources or aggregated distributed energy resources. | 02/16/2024 - INTRODUCED. |
| AB 3121 (Hart) | Urban Retail Water Suppliers: Written Notice | | Relates to existing law which authorizes the State Water Resources Control Board to issue a written notice to an urban retail water supplier that does not meet its urban water use objective, and authorizes the board to issue a conservation order to an urban retail water supplier that does not meet its urban water use objective. Provides that the date the board is authorized to issue a written notice is on a specified date and a conservation order to a specified date. | 02/16/2024 - INTRODUCED. |
| AB 3124 (Low) | Political Reform Act of 1974: Contribution Limitations | | Makes technical, nonsubstantive changes to the Political Reform Act of 1974 which prohibits public officers from expending, and candidates from accepting, any public moneys for the purpose of seeking elective office. | 02/16/2024 - INTRODUCED. |
| AB 3125 (Garcia E) | Mutual Water Companies: Board Members: Training | | Requires a board member of a mutual water company to provide proof of completion of the training regarding the duties of board members to the State Water Resources Control Board no later than specified days after completing the training. | 02/16/2024 - INTRODUCED. |
| AB 3126 (Bauer-Kahan) | Housing: Accessory Dwelling Units | | Makes nonsubstantive changes to the findings and declarations of the Legislature relating to accessory dwelling units, including that they provide housing for family members, students, the elderly, in-home health care providers, the disabled, and others at below-market prices within existing neighborhoods. | 02/16/2024 - INTRODUCED. |
| AB 3130 | Privacy: Internet Privacy | | Makes nonsubstantive changes to the law requiring an operator of a | 02/16/2024 - INTRODUCED. |

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| Bill No. Author | Title | IRWD Position | Summary/Effects | Status |
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| (Quirk-Silva) | Requirements | | commercial internet website or online service that collects personally identifiable information through the internet website or online service from individual consumers who use or visit the website or online service and who reside in California to comply with specified provisions relating to the operator's privacy policy. | |
| AB 3150 (Quirk-Silva) | Fire safety: Fire Hazard Severity Zones | | Requires the State Fire Marshal to provide an opportunity for the public to review and comment on the fire hazard severity zone maps before the State Fire Marshal submits them to the local agency. Requires the State Fire Marshal to develop a process to allow for the petition for a review and potential redesignation of large areas that have undergone a significant change in conditions that would likely result in a decrease in fire hazard based on substantial evidence. | 02/16/2024 - INTRODUCED. |
| AB 3152 (Jones-Sawyer) | Local Government | | Amends the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000, which provides the exclusive authority and procedure for the initiation, conduct, and completion of changes of organization and reorganization for cities and districts. Makes nonsubstantive changes. | 02/16/2024 - INTRODUCED. |
| AB 3157 (Papan) | California Water District Law | | Makes a nonsubstantive change to existing law authorizing a water district, by using any water or water supplies furnished to the district or used by the district, to construct, maintain, and operate plants for the generation of hydroelectric power from those water and transmission lines for the conveyance of that power, and which provides for certain executive joint power agreements. | 02/16/2024 - INTRODUCED. |
| AB 3168 (Gipson) | Property Taxation: Publicly Owned Housing Project | | Makes a nonsubstantive change to property tax law which specifies that, for purposes of the definition of a taxable possessory interest, there is no independent possession or use of land or improvements if that possession or use is a tenancy in a residential unit of a publicly owned housing project by a low-income household. | 02/16/2024 - INTRODUCED. |
| AB 3172 (Lowenthal) | Information Practices Act of 1977 | | Makes nonsubstantive changes to the Information Practices Act of 1977, which requires an agency that collects personal information to maintain the source or sources of the information. | 02/16/2024 - INTRODUCED. |
| AB 3177 | Mitigation Fee Act: Land | | Amends the Mitigation Fee Act, which imposes various requirements with | 02/16/2024 - INTRODUCED. |

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| (Carrillo) | Dedications | | respect to the establishment, increase, or imposition of a fee by a local agency as a condition of approval of a development project. Requires a housing development to be located within a certain distance of a transit priority area for purposes of setting the rate for a mitigating vehicular traffic impacts fee. | |
| AB 3187 (Carrillo J) | Safe Drinking Water Plan | | Makes nonsubstantive changes to the provision requiring the State Water Resources Control Board to submit to the Legislature a comprehensive Safe Drinking Water Plan for California. | 02/16/2024 - INTRODUCED. |
| AB 3198 (Garcia E) | Joint Powers Agreements: Revenue Bonds | | Repeals a provision of the Joint Exercise of Powers Act that has become inoperative and which authorized an entity created by a joint powers agreement between an irrigation district and a city and having the power to acquire, construct, maintain, or operate facilities and property for supplying water for specified purposes to issue revenue bonds to pay the costs of acquiring, constructing, improving, or financing these facilities. | 02/16/2024 - INTRODUCED. |
| AB 3200 (Hoover) | Master-Metered Mobilehome Parks: Transfer of Water | | Requires the Public Utilities Commission to authorize and establish a pilot program for specified water corporations to accept the transfer of ownership and operational responsibility of water systems in master-metered mobilehome parks or manufactured housing communities, and provide that the exemption described above does not apply to the maintenance or provision of water service by a water corporation pursuant to that pilot program. | 02/16/2024 - INTRODUCED. |
| AB 3208 (Boerner) | Greenhouse Gases: Methane | | Makes a nonsubstantive change to existing law which requires the State Air Resources Board to take certain actions related to methane emissions. | 02/16/2024 - INTRODUCED. |
| AB 3211 (Wicks) | Operators of Commercial Internet Websites: Privacy | | Makes nonsubstantive changes to existing law which requires an operator of a commercial internet website or online service that collects personally identifiable information through the internet about individual consumers residing in the State who use or visit its commercial internet website or online service to conspicuously post its privacy policy on its internet website. | 02/16/2024 - INTRODUCED. |
| AB 3219 | Advanced Clean Fleets | | States the intent of the Legislature to enact legislation that would allow a | 02/16/2024 - INTRODUCED. |

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| (Sanchez) | Regulations: Local Government | | local government that declares a fiscal emergency, through an ordinance, to be provided a delay from complying with the Advanced Clean Fleets Regulation. | |
| AB 3238 (Garcia E) | Electrical Infrastructure Projects: Endangered Species | | Requires the Department of Fish and Wildlife, when considering a request to amend an approved natural community conservation plan, to limit its review to any species listed under California Endangered Species Act that were not previously considered in the approved plan and any new activities that would result in new or more substantial impacts to covered species than previously identified in the approved plan. | 02/16/2024 - INTRODUCED. |
| AB 3277 (Local Government) | Local Agency Formation Commission | | Requires a local agency formation commission to determine the amount of property tax revenue to be exchanged by an affected local agency if the proposal includes the formation of a district and the applicant is seeking a share of the 1% ad valorem property taxes. | 02/27/2024 - INTRODUCED. |
| ACA 2 (Alanis) | Public Resources: Water and Wildfire Resiliency Act | | Establishes the Water and Wildfire Resiliency Fund within the State Treasury, and would require the Treasurer to annually transfer an amount equal to 3% of all state revenues that may be appropriated as described from the General Fund to the Water and Wildfire Resiliency Fund. Requires the moneys in the fund to be appropriated by the Legislature and requires that 50% of the moneys in the fund be used for water projects, and that the other 50% of the moneys in the fund be used for forest maintenance. | 04/20/2023 - To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and NATURAL RESOURCES. |
| ACA 16 (Bryan) | Environmental Rights | | Amends the California Constitution to declare that the people have a right to clean air and water and a healthy environment. | 01/25/2024 - INTRODUCED. |
| SB 74 (Dodd) | State Entities: State-Owned or State-Issued Devices | | Requires State agencies, when implementing social media and cybersecurity policies pursuant to the Statewide Information Management Manual and authorizing any agency installation or download of an application for a particular social media platform on a State-issued or State-owned electronic device for an official State purpose, to adopt risk mitigation strategies tailored to risks posed by that social media platform. | 09/06/2023 - In ASSEMBLY. To Inactive File. |
| SB 231 | Department of Water | | Requires the Department of Water Resources to inventory its existing | 09/01/2023 - In ASSEMBLY Committee on |

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| (Hurtado) | Resources: Water Supply Forecasting | | drought mitigation and response plans and submit a report to the Legislature identifying these plans and their purposes by specified date. Requires the report to include a recommendation on whether there is a need for a new comprehensive, long-term plan for mitigating and responding to the effects of drought at the State level. | APPROPRIATIONS: Held in committee. |
| SB 233 (Skinner) | Electric Vehicles and Electric Vehicle Supply Equipment | | Requires the Energy Commission, in consultation with the state board and the Public Utilities Commission, to convene a stakeholder workgroup to examine challenges and opportunities associated with using battery electric vehicle and bidirectional electric vehicle service equipment as a mobile battery to power a home or building or to provide electricity to the electrical grid, and require the Energy Commission, in consultation with the stakeholder workgroup to submit a report to the Governor and Legislature. | 09/13/2023 - In ASSEMBLY. To Inactive File. |
| SB 245 (Hurtado) | California Food Assistance Program: Eligibility | | Requires the State Department of Social Services to establish a food assistance program, known as the California Food Assistance Program (CFAP), to provide assistance to a noncitizen of the United States if the person's immigration status meets the eligibility criteria of SNAP in effect on specified date, but the person is not eligible for SNAP benefits solely due to their immigration status. | 06/20/2023 - In ASSEMBLY Committee on HUMAN SERVICES: Not heard. |
| SB 248 (Newman) | Political Reform Act of 1974: Disclosures | | Requires a candidate for elective office to file, when the candidate files a declaration of candidacy, a form to disclose the candidate's prior education and work history, and history of military service, if any. Requires the Fair Political Practices Commission to create a form for this purpose. Requires the Secretary of State to post on its website a copy of completed forms submitted by candidates, making such forms available to the public for a specified number of years from the date of the election. | 09/01/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee. |
| SB 251 (Newman) | Candidates' Statements: False Statements | | Provides that existing law prohibits a candidate for nonpartisan elective office, or an incumbent in a recall election, to knowingly make a false statement of material fact in the candidate's statement with the intent to mislead the voters in connection with the candidate's campaign for nomination or election to an office. Provides that a violation of this prohibition is punishable by a fine. Increases the maximum fine amount. | 01/16/2024 - In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY. |

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| SB 252 (Gonzalez) | Public Retirement Systems: Fossil Fuels: Divestment | | Prohibits the boards of the Public Employees' Retirement System and the State Teachers' Retirement System from making new investments or renewing existing investments of public employee retirement funds in a fossil fuel company. Requires the boards to liquidate investments in a fossil fuel company on or before specified date. Suspends, temporarily, the liquidation provision upon a good faith determination by the board that certain conditions materially impact normal market mechanisms for pricing assets. | 06/08/2023 - To ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT. |
| SB 265 (Hurtado) | Cybersecurity Preparedness: Critical Infrastructure | | Requires the Office of Emergency Services to direct the California Cybersecurity Integration Center to prepare, and Cal OES to submit to the Legislature, a strategic, multiyear outreach plan to assist critical infrastructure sectors, in their efforts to improve cybersecurity and an evaluation of options for providing grants or alternative forms of funding to, and potential voluntary actions that do not require funding and that assist, that sector in their efforts to improve cybersecurity preparedness. | 07/10/2023 - From ASSEMBLY Committee on EMERGENCY MANAGEMENT: Do pass to Committee on APPROPRIATIONS. |
| SB 299 (Limon) | Voter Registration: California New Motor Voter Program | | Requires the Department of Motor Vehicles to transmit specified information to the Secretary of State for a person submitting a driver's license application who provides documentation demonstrating United States citizenship and that the person is of an eligible age to register or preregister to vote. | 06/13/2023 - From ASSEMBLY Committee on HEALTH with author's amendments.;06/13/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on HEALTH. |
| SB 308 (Becker) | Carbon Dioxide Removal Market Development Act | | Requires the State Air Resources Board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions and to update the scoping plan at least once every specified number of years. Enacts the Carbon Dioxide Removal Market Development Act. | 06/08/2023 - To ASSEMBLY Committee on NATURAL RESOURCES. |
| SB 328 (Dodd) | Political Reform Act of 1974: Contribution Limits | | Relates to the Political Reform Act of 1974, which prohibits a person, other than a small contributor committee or political party committee, from making to a candidate for elective state, county, or city office, and prohibits those candidates from accepting from a person, a contribution totaling more than \$3,000 per election. Applies those contribution limits to candidates for school district, community college district, and other special district elections. | 09/01/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee. |

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| Bill No. Author | Title | IRWD Position | Summary/Effects | Status |
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| SB 366 (Caballero) | State Water Plan: Long-Term Supply Targets | Support | Requires the Department of Water Resources to coordinate with the California Water Commission, the State Water Resources Control Board, other State and federal agencies, and the stakeholder advisory committee to develop a comprehensive plan for addressing the State's water needs and meeting specified long-term water supply targets for purposes of the California Water Plan. Requires the department to submit an annual report between updates to the plan that includes progress made toward meeting the targets. | 07/11/2023 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard. |
| SB 393 (Glazer) | Environmental Quality Act: Judicial Challenge | | Authorizes a defendant, in an action brought pursuant to the California Environmental Quality Act relating to a housing development project, to file a motion requesting the plaintiff or petitioner to identify every person or entity that contributes in excess of a specified amount toward the plaintiff's or petitioner's costs of the action. Authorizes the motion to be heard on shortened time at the court's discretion. | 07/06/2023 - In ASSEMBLY. Assembly Rule 56 suspended. |
| SB 399 (Wahab) | Employer Communications: Intimidation | | Prohibits, with specified exceptions, an employer from subjecting, or threatening to subject, an employee to discharge, discrimination, retaliation, or any other adverse action because the employee declines to attend an employer-sponsored meeting or affirmatively declines to participate in, receive, or listen to any communications with the employer or its agents or representatives, the purpose of which is to communicate the employer's opinion about religious or political matters. | 07/11/2023 - From ASSEMBLY Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS. |
| SB 409 (Newman) | Elections: Candidate's Statement | | Provides that existing law authorizes a candidate for statewide elective office who accepts the voluntary expenditure limits to purchase the space to place a statement in a State voter information guide. Requires the Secretary of State to establish, on or before specified date, a pilot program that would allow a candidate to include a QR code link to a video statement in the State voter information guide. | 09/01/2023 - In ASSEMBLY Committee on APPROPRIATIONS. Held in committee and made a Two-year bill. |
| SB 422 (Portantino) | California Environmental Quality Act | | Requires specified public agencies, at the time of adoption of a rule or regulation requiring the reduction in emissions of greenhouse gases, criteria air pollutants, or toxic air contaminants, to perform an environmental analysis of the reasonably foreseeable methods of compliance with the California Environmental Quality Act. | 09/12/2023 - In ASSEMBLY. To Inactive File. |

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| SB 477 (Housing) | Accessory Dwelling Units | | Provides that existing law provides for the creation of junior accessory dwelling units by local ordinance, or, if a local agency has not adopted an ordinance, by ministerial approval, in accordance with specified standards and conditions. Makes nonsubstantive changes and reorganizes various provisions relating to the creation and regulation of accessory dwelling units and junior accessory dwelling units, and makes related nonsubstantive conforming changes. | 08/14/2023 - In ASSEMBLY. Action rescinded whereby bill was read third time and passed. To third reading.;08/14/2023 - In ASSEMBLY. To Inactive File. |
| SB 504 (Dodd) | Wildfires: Defensible Space: Grant Programs | | Provides that existing law requires fuels to be maintained and spaced in a condition so that a wildfire burning under average weather conditions would be unlikely to ignite the structure. Provides that a violation of these requirements is a crime. Requires fuels to be maintained and spaced in a condition so that a wildfire would be unlikely to ignite the structure. Makes a conforming change with respect to an area or land that is within a very high fire hazard severity zone designated by a local agency. | 05/11/2023 - To ASSEMBLY Committee on NATURAL RESOURCES. |
| SB 511 (Blakespear) | Greenhouse Gas Emissions Inventories | | Provides that the California Global Warming Solutions Act requires the State Air Resources Board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions and to update the scoping plan. Requires the Board to develop, and publish on its website, a report on greenhouse gas emissions inventories for the specified calendar year for each city, county, or city and county that requests inclusion in the report. | 09/01/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee. |
| SB 518 (Wilk) | Elections: Certification of Results | | Requires the elections official to submit the certified statement of the results of the election on the 30th calendar day following the election. | 06/08/2023 - To ASSEMBLY Committee on ELECTIONS. |
| SB 537 (Becker) | Open Meetings: Multijurisdictional | | Relates to the Ralph M. Brown Act. Expand the circumstances of just cause to apply to the situation in which an immunocompromised child, parent, grandparent, or other specified relative requires the member to participate remotely. Requires the legislative body to provide a record of attendance of the members of the legislative body, the number of community members in attendance in the teleconference meeting, and the number of public comments on its internet website after a teleconference meeting. | 09/14/2023 - In ASSEMBLY. To Inactive File. |

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| SB 571 (Allen) | Fire Safety Regulations: Development Projects: Ingress | | Requires the State Board of Forestry and Fire Protection to create, and provide to the Legislature, a report relating to standards for ingress and egress routes in new development. Requires the State Board to do certain things when creating the report, including provide opportunities for input from the public. Prohibits the State Board from adopting any regulations incorporating the standards described in the report until after a specified number of months. | 01/29/2024 - In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY. |
| SB 597 (Glazer) | Building Standards: Rainwater Catchment Systems | | Requires the Department of Housing and Community Development to conduct research and develop recommendations regarding building standards for the installation of rainwater catchment systems in newly constructed residential dwellings and authorizes the department to propose related building standards to the California Building Standards Commission for consideration. Authorizes the department to expend moneys from the Building Standards Administration Special Revolving Fund. | 09/01/2023 - In ASSEMBLY Committee on APPROPRIATIONS. Held in committee and made a Two-year bill. |
| SB 611 (Menjivar) | Residential Rental Properties: Fees and Advertisements | | Requires landlords or their agents who advertise or provide a quote for residential property for rent and who include a specific or range of monthly rent rates to include specified information in the monthly rate. Requires the additional amount of security deposit to be returned to the tenant after no more than a specified number of months of residency if the tenant is not in arrears for any rent due during that period and if the higher amount is not due to a prior history of residential property damage. | 06/08/2023 - To ASSEMBLY Committee on JUDICIARY. |
| SB 632 (Caballero) | Candidate Statements | | Provides that existing law allows certain candidates for State or federal elective office to purchase space to place a statement in the voter information portion of the sample ballot. Requires the Secretary of State or the Office of the Elections official to notify a candidate for statewide elective office, State Senate, or Assembly who files a statement with the Secretary or the elections official whether the statement was approved or rejected. | 09/11/2023 - In ASSEMBLY. To Inactive File. |
| SB 638 (Eggman) | Climate Resiliency and Flood Protection Bond Act | Support | Enacts the Climate Resiliency and Flood Protection Bond Act of 2024 which, if approved by the voters, would authorize the issuance of bonds in the amount of a specified amount pursuant to the State General Obligation Bond Law, for flood protection and climate resiliency projects. Provides | 06/28/2023 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;06/28/2023 - In ASSEMBLY. |

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| | | | that this bill is operative only if SB 867 of the 2023-24 Regular Session is enacted and takes effect on or before specified date. | Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE. |
| SB 651 (Grove) | California Environmental Quality Act: Groundwater | | Relates to the Sustainable Groundwater Management Act. Requires the Judicial Council to adopt a rule of court to establish procedures requiring actions or proceedings brought to attack, review, set aside, void, or annul the certification of an environmental impact report, or the granting of any project approvals, for groundwater recharge projects that implement a groundwater sustainability plan or an interim groundwater sustainability plan. | 06/22/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES. |
| SB 718 (Wilk) | Elections: Official Canvass: Unprocessed Ballots | | Relates to law that requires county elections officials during the official canvass period following an election to send reports to the Secretary of State regarding the number of unprocessed ballots. Requires the Secretary of State to make public the information contained in those reports. | 06/28/2023 - From ASSEMBLY Committee on ELECTIONS with author's amendments.;06/28/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS. |
| SB 724 (Glazer) | Political Reform Act of 1974: Communications | | Provides that the Political Reform Act of 1974 requires the disclosure of certain payments. Requires the disclosure of any payment of or promise to pay a specified amount or more for a communication that clearly identifies an elected State officer, and educates the public about the previous votes cast by the elected officer or about the source of campaign donations received by the elected officer, and that is disseminated, broadcast, or otherwise published within a specified number of days of an election. | 09/01/2023 - In ASSEMBLY Committee on APPROPRIATIONS. Held in committee and made a Two-year bill. |
| SB 755 (Becker) | Energy Efficiency and Building Decarbonization Programs | | Provides for the California's Layered Energy Applications for Residents (CLEAR) Act of 2023. Requires the State Energy Resources Conservation and Development Commission to develop and make publicly available an internet website for energy efficiency and building decarbonization programs administered by the Energy Commission, federal or local governmental agencies, and nonprofit organizations that are available in the State for residential buildings and residential electricity customers. | 09/01/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee. |
| SB 769 (Gonzalez) | Local Government: Fiscal and Financial Training | | Provides that existing law imposes ethics training and sexual harassment prevention training and education on specified local agency officials. Exempts a local agency official from the training requirements if they comply with specified criteria under existing law relating to eligibility for | 09/01/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee. |

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| | | | appointment or election to, and continuing education for, the office of county treasurer, county tax collector, or county treasurer-tax collector. | |
| SB 778 (Ochoa Bogh) | Excavations: Subsurface Installations | Watch | Provides that existing law establishes the California Underground Facilities Safe Excavation Board for the enforcement and administration of the Safe Dig Act and requires the Governor to appoint a certain number of the board members. Revises the knowledge and experience requirements for a certain number of the members appointed by the Governor. Requires an operator to contact the excavator by electronic positive response if the area delineated by the excavator does not match the ticket description. | 06/15/2023 - From ASSEMBLY Committee on UTILITIES AND ENERGY with author's amendments.;06/15/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY. |
| SB 781 (Stern) | Methane Emissions: Natural Gas Producing Low Methane | | Provides that existing law requires the State Air Resources Board to quantify and publish annually the amount of greenhouse gas emissions resulting from the loss or release of uncombusted natural gas to the atmosphere and emissions from natural gas flares during all processes associated with the production, processing, and transporting of natural gas imported into the State from out-of-state sources. Requires the board to request and incorporate certain information from utilities and other large gas users. | 09/01/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee. |
| SB 830 (Smallwood-Cueva) | Public Works | | Requires a contractor engaging a third-party, permanent, and offsite fabrication facility to fabricate custom sheet metal ducts for a public works project to enter into a contract with the facility that requires compliance with specified public works laws. Requires certified copies of payroll records for the offsite, custom fabrication of sheet metal ducts to be accompanied by a written time record of that work certified by each employee performing the work. | 09/08/2023 - In ASSEMBLY. To Inactive File. |
| SB 863 (Allen) | Measures Proposed by the Legislature | | Allows the Legislature to specify that a constitutional amendment, bond measure, or other legislative measure submitted to the people will appear on the ballot at an election other the first statewide election if the election specified in the proposal would occur at least a specified number of days after adoption of the proposal by the Legislature. | 01/30/2024 - In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY. |
| SB 867 (Allen) | Drought, Flood, and Water Resilience | Support and Amend | Enacts the Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and | 06/22/2023 - In ASSEMBLY. Read second time and amended. Re-referred to |

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| | | | Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024, which would authorize the issuance of bonds to finance projects for, among other things, drought, flood, and water resilience. Provides for the submission of these provisions to the voters at the specified statewide primary election. | Committee on NATURAL RESOURCES. |
| SB 901 (Umberg) | Civil Actions: Time for Commencement: Unwritten Lease | | Makes technical, nonsubstantive changes to existing law which prohibits an action for breach of an unwritten lease of real property from being brought more than 2 years after breach of the lease and abandonment of the property, or more than 2 years after termination of the right of the lessee to possession of the property, whichever is the earlier time. | 02/14/2024 - To SENATE Committee on RULES. |
| SB 903 (Skinner) | Environmental Health: Product Safety: Perfluoroalkyl | | Prohibits, beginning on specified date, a person from distributing, selling, or offering for sale a product that contains intentionally added PFAS unless the Department of Toxic Substances Control has made a determination that the use of PFAS in the product is a currently unavoidable use, the prohibition is preempted by Federal law, or the product is used. Specifies the criteria and procedures for determining whether the use of PFAS in a product is a currently unavoidable use. | 02/21/2024 - From SENATE Committee on RULES with author's amendments.;02/21/2024 - In SENATE. Read second time and amended. Re-referred to Committee on RULES. |
| SB 908 (Cortese) | Public Records: Legislative Records: Electronic Message | | Prohibits an elected or appointed official or employee of a public agency from creating or sending a public record using a nonofficial electronic messaging system unless the official or employee sends a copy of the public record to an official electronic messaging system. | 01/08/2024 - INTRODUCED. |
| SB 915 (Cortese) | Local Government: Autonomous Vehicles | | Prohibits an autonomous vehicle service, which has received approval to conduct commercial passenger service or engage in commercial activity using driverless vehicles by the Department of Motor Vehicles, the Public Utilities Commission, or another state agency, from commencing operation within a local jurisdiction until authorized by a local ordinance enacted pursuant to the bill's provisions. | 02/21/2024 - To SENATE Committees on LOCAL GOVERNMENT and TRANSPORTATION. |
| SB 924 (Bradford) | Tenancy: Credit Reporting: Lower Income Households | | Deletes the repeal date, thereby extending existing law relative to tenancy, credit reporting and lower income households, indefinitely. | 02/14/2024 - To SENATE Committee on JUDICIARY. |
| SB 934 | Vehicles: Width | | Makes technical, nonsubstantive changes to provisions of law prohibiting | 02/14/2024 - To SENATE Committee on |

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| (Gonzalez) | | | the total outside width of a vehicle or its load from exceeding 102 inches, except as specified. | RULES. |
| SB 937 (Wiener) | Development Projects: Permits and Other Entitlements | Seek Amendments | Extends, for a specified period of time, months the period for the expiration, effectuation, or utilization of a housing entitlement, as defined, that was issued before a specified date, and that will expire before a specified date, except as specified. | 02/21/2024 - To SENATE Committees on LOCAL GOVERNMENT and HOUSING. |
| SB 955 (Seyarto) | Office of Planning and Research: Infrastructure Program | | Requires the Office of Planning and Research, upon appropriation by the Legislature, to establish the Infrastructure Gap-Fund Program to provide grants to assist local agencies in developing and constructing infrastructure projects. Requires the office to develop guidelines and criteria to implement the program. | 02/21/2024 - To SENATE Committee on LOCAL GOVERNMENT. |
| SB 958 (Dodd) | Surplus State Property: County of Napa | | Relates to surplus state property and the County of Napa. Deletes the exemption for the property known as Camp Coombs, thereby authorizing the Director of General Services to sell or exchange that property by January 1, 2026. | 02/14/2024 - To SENATE Committee on GOVERNMENTAL ORGANIZATION. |
| SB 961 (Wiener) | Vehicles: Safety Equipment | | Requires certain trucks and trailers to also be equipped with side guards, as specified. Requires the Department of the California Highway Patrol to adopt rules and regulations requiring driver inspections of side guards and requiring the department to inspect side guards that have been involved in collisions. | 02/14/2024 - To SENATE Committee on TRANSPORTATION. |
| SB 964 (Seyarto) | Property Tax: Tax-Defaulted Property Sales | | Prohibits a property or property interest from being offered for sale under the provisions described above if that property or property interest has not been offered for sale under specified provisions. | 02/21/2024 - To SENATE Committee on REVENUE AND TAXATION. |
| SB 984 (Wahab) | Public Agencies: Project Labor Agreements | | Authorizes a state agency to undertake a major state construction project only if that project is governed by a project labor agreement and if that project labor agreement includes community benefit goals, as specified, and would define various terms for these purposes. Authorizes the Governor to waive this requirement if the state agency has attempted to comply with this requirement and the Governor makes a written determination that the application of this requirement would be impracticable. | 02/14/2024 - To SENATE Committees on GOVERNMENTAL ORGANIZATION and LABOR, PUBLIC EMPLOYMENT AND RETIREMENT. |

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| Bill No. Author | Title | IRWD Position | Summary/Effects | Status |
|------------------------------|---|--------------------------|--|---|
| SB 986 (Seyarto) | Ballot Label: Bond Measure Fiscal Impact | | Requires, for state bond measures and for local measures to approve the issuance of bonds that will be secured by an ad valorem tax, the ballot label to include a summary of the measure's fiscal impact in a specified form. | 02/14/2024 - To SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS. |
| SB 993 (Becker) | Clean Energy Development Incentive Rate Tariff | | Requires the Public Utilities Commission, on or before July 1, 2026, in a new or existing proceeding, to evaluate and, if just and reasonable, establish a clean energy development incentive rate time-of-use tariff to encourage the development of new commercial or industrial electrical loads that contribute to the state's efforts to reduce the emissions of greenhouse gases. | 02/14/2024 - To SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS. |
| SB 1003 (Dodd) | Electrical Corporations: Wildfire Mitigation Plans | | Relates to electrical corporations and wildfire mitigation plans. Requires those specified operations to take into account the need to minimize those risks as soon as possible. | 02/14/2024 - To SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS. |
| SB 1014 (Dodd) | Wildfire Safety: The Wildfire Mitigation Planning Act | | Requires the Deputy Director of Community Wildfire Preparedness and Mitigation within the Office of the State Fire Marshal, on or before January 1, 2026, and every 3 years thereafter, to prepare a Wildfire Risk Mitigation Planning Framework sufficient to quantitatively evaluate wildfire risk mitigation actions, as provided. | 02/14/2024 - To SENATE Committees on GOVERNMENTAL ORGANIZATION and NATURAL RESOURCES AND WATER. |
| SB 1027 (Menjivar) | Political Reform Act of 1974: Disclosures | | Authorizes a campaign committee to redact the bank account number on a copy of a statement of organization filed with a local filing officer, and it would require the Secretary of State to redact the bank account number on a statement of organization filed with the Secretary of State before making the statement available to the public in any form. | 02/14/2024 - To SENATE Committees on ELECTIONS AND CONSTITUTIONAL AMENDMENTS and JUDICIARY. |
| SB 1034 (Seyarto) | California Public Records Act: State of Emergency | | Revises the unusual circumstances under which the time limit may be extended to include the need to search for, collect, appropriately examine, and copy records during a state of emergency proclaimed by the Governor when the state of emergency has affected the agency's ability to timely respond to requests due to decreased staffing or closure of the agency's facilities. Relates to the California Public Records Act. | 02/14/2024 - To SENATE Committee on JUDICIARY. |
| SB 1045 | Composting Facilities | | Requires the Department of Resources Recycling and Recovery, in | 02/14/2024 - To SENATE Committee on |

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| (Blakespear) | | | coordination with the State Air Resources Board and the State Water Resources Control Board, to develop a policy that promotes the development of coordinated permitting and regulation of composting facilities while protecting the environment. | ENVIRONMENTAL QUALITY. |
| SB 1046 (Laird) | Organic Waste Reduction: Environmental Impact Report | | Requires the Department of Resources Recycling and Recovery to prepare a program environmental impact report that streamlines the process with which jurisdictions can develop and site small and medium compost facilities for processing organic waste, as specified. | 02/14/2024 - To SENATE Committee on ENVIRONMENTAL QUALITY. |
| SB 1049 (Padilla) | Department of Industrial Relations: Living Wage: Report | | Requires the Department of Industrial Relations, in conjunction with the Secretary of Labor and Workforce Development and the Director of Housing and Community Development, to develop a certification program for employers that pay a living wage, which the bill would define as the lowest wage that allows full-time and part-time wage earners to afford a decent standard of living, as specified. | 02/14/2024 - To SENATE Committees on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT and HOUSING. |
| SB 1055 (Min) | Accessory Dwelling Units: Regional Housing Need | | Prohibits a qualifying local agency from imposing height limitations that would prohibit an attached accessory dwelling unit from attaining a height of 16 feet, as specified. | 02/21/2024 - To SENATE Committees on HOUSING and LOCAL GOVERNMENT. |
| SB 1072 (Padilla) | Local Government: Proposition 218: Remedies | | Requires, if a property-related fee or charge creates revenues in excess of the local government's reasonable cost of providing the specific benefit or specific government service, that the excess revenues be used only to reduce the subsequently adopted and following property-related fee or charge. | 02/21/2024 - To SENATE Committee on LOCAL GOVERNMENT. |
| SB 1073 (Skinner) | State Acquisition of Goods/Services: Low-Carbon Cement | | Authorizes a state agency to enter into forward contracts to purchase low-carbon cement or concrete products up to 10 years in advance to facilitate the commercialization of concrete, cement, and supplementary cementitious materials and in furtherance of either of the policy and comprehensive strategy relating to net-zero greenhouse gas emissions, as described. | 02/21/2024 - To SENATE Committees on GOVERNMENTAL ORGANIZATION and ENVIRONMENTAL QUALITY. |
| SB 1078 (Min) | Language Access | | States the intent of the Legislature to create an Office of Language Access to provide critical oversight, accountability, and coordination across various state agencies to ensure limited-English-proficient individuals | 02/21/2024 - To SENATE Committee on RULES. |

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| | | | have meaningful access to government programs and services, as specified. | |
| SB 1079 (Menjivar) | Youth Center and Youth Housing Bond Act of 2024 | | Enacts the Youth Center and Youth Housing Bond Act of 2024, which, if adopted, would authorize the issuance of bonds in the amount specified pursuant to the State General Obligation Bond Law to finance the Youth Center and Youth Housing Program, established as part of the bond act. | 02/21/2024 - To SENATE Committee on HOUSING. |
| SB 1100 (Portantino) | Political Reform Act of 1974: Cities | | Makes a technical, nonsubstantive change to the Political Reform Act of 1974 which defines city. | 02/21/2024 - To SENATE Committee on RULES. |
| SB 1103 (Menjivar) | Tenancy of Commercial Real Properties: Agreements | | States the intent of the Legislature to subsequently amend this bill to increase transparency and equity in the application of common area maintenance and other fees charged to qualifying commercial tenants for leases executed on or after January 1, 2025. | 02/21/2024 - To SENATE Committee on JUDICIARY. |
| SB 1110 (Ashby) | Urban Retail Water Suppliers: Informational Order | | Requires the State Water Resources Control Board to additionally consider lower cost actions the water supplier has implemented or will implement in order to help the water supplier achieve overall water supply resiliency in determining whether to issue an informational order. | 02/21/2024 - To SENATE Committee on NATURAL RESOURCES AND WATER. |
| SB 1121 (Grove) | Recycled Water: Onsite Treated Nonpotable Water Systems | | Requires specified local jurisdictions to ensure their permitting procedures require the approval of a permit for an onsite treated nonpotable water system within 60 days from the date the permit application is submitted if the application demonstrates that the project meets or exceeds the state board's water quality standards for the onsite treatment and reuse of nonpotable water for nonpotable uses in multifamily residential, commercial, and mixed-use buildings. | 02/21/2024 - To SENATE Committee on ENVIRONMENTAL QUALITY. |
| SB 1134 (Caballero) | Surplus Land | | a cross-reference in a specified land use notice provision and makes other nonsubstantive changes. | 02/21/2024 - To SENATE Committee on RULES. |
| SB 1137 (Smallwood-Cueva) | Discrimination Claims: Intersectionality | | Relates to the Unruh Civil Rights Act concerning rights of persons to equal accommodations in business establishments as specified. Includes within that definition the intersection or any combination of those | 02/21/2024 - To SENATE Committee on JUDICIARY. |

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| Bill No. Author | Title | IRWD Position | Summary/Effects | Status |
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| | | | characteristics. | |
| SB 1140 (Caballero) | Enhanced Infrastructure Financing District | | Authorizes the city official or county official, as applicable, to, instead, electronically submit a copy of the resolution designating a proposed enhanced infrastructure financing district to each affected taxing entity. | 02/21/2024 - To SENATE Committee on LOCAL GOVERNMENT. |
| SB 1143 (Allen) | Household Hazardous Waste: Producer Responsibility | | Creates a producer responsibility program for products containing household hazardous waste and require a producer responsibility organization (PRO) to provide a free and convenient collection and management system for covered products. | 02/21/2024 - To SENATE Committees on ENVIRONMENTAL QUALITY and JUDICIARY. |
| SB 1147 (Portantino) | Drinking Water: Bottled Water: Microplastics Level | | Requires the Office of Environmental Health Hazard Assessment (OEHHA) to study the health impacts of microplastics in drinking water, including bottled water, in order to evaluate and identify safe and unsafe levels of microplastics in those types of water, and, on or before January 1, 2026, to develop and deliver to the state board, among other things, public health standards and goals for a safe level of microplastics in those waters. | 02/21/2024 - To SENATE Committee on ENVIRONMENTAL QUALITY. |
| SB 1151 (Hurtado) | Political Reform Act of 1974: Foreign Agents | | Requires an individual who engages in certain specified activities related to influencing legislative or administrative action to register as an agent of a foreign principal and to file periodic reports with the Secretary of State, pursuant to procedures set forth in, and subject to enforcement under, the Political Reform Act of 1974. | 02/21/2024 - To SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS. |
| SB 1155 (Hurtado) | Political Reform Act of 1974: Postgovernment | | Prohibits, for the period specified, the head of a state administrative agency from engaging in any activity to influence legislative or administrative action by the Legislature or a state administrative agency that would require the individual to register as a lobbyist. | 02/21/2024 - To SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS. |
| SB 1156 (Hurtado) | Groundwater Sustainability Agencies: Disclosures | | Requires members of the executive team, board of directors, and other groundwater management decision makers of groundwater sustainability agencies to annually disclose any economic or financial interests pursuant to the Political Reform Act of 1974 that may reasonably be considered to affect their decision-making related to groundwater management, as provided. | 02/21/2024 - To SENATE Committees on NATURAL RESOURCES AND WATER and ELECTIONS AND CONSTITUTIONAL AMENDMENTS. |

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| Bill No. Author | Title | IRWD Position | Summary/Effects | Status |
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| SB 1158 (Archuleta) | Carl Moyer Memorial Air Quality Standards | | Relates to Carl Moyer Memorial Air Quality Standards Attainment Program. Extends the deadline for the period of liquidation to June 30 of the 6th calendar year following the date of disbursement. | 02/21/2024 - To SENATE Committees on ENVIRONMENTAL QUALITY and TRANSPORTATION. |
| SB 1159 (Dodd) | Environmental Quality Act: Roadside Wildfire Risk | | Requires the Secretary of the Natural Resources Agency to consider including roadside projects undertaken solely for the purpose of wildfire risk reduction in the classes of projects subject to a categorical exemption if specified requirements are met. | 02/21/2024 - To SENATE Committees on ENVIRONMENTAL QUALITY and NATURAL RESOURCES AND WATER. |
| SB 1162 (Cortese) | Public Contracts: Skilled and Trained Workforce | | Specifies that provisions related to skilled and trained workforce requirements apply to a commitment from or obligation on a bidder, contractor, subcontractor, or other entity. | 02/21/2024 - To SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT. |
| SB 1170 (Menjivar) | Political Reform Act of 1974: Campaign Funds | | Applies a specified rule to physical health-related expenses only. Permits campaign funds to be used to pay or reimburse a non-incumbent candidate for reasonable and necessary mental healthcare expenses if the candidate does not have health insurance or has been denied coverage for mental healthcare expenses by their health insurance, as specified. | 02/21/2024 - To SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS. |
| SB 1174 (Min) | Elections: Voter Identification | | Prohibits a local government from enacting or enforcing any charter provision, ordinance, or regulation requiring a person to present identification for the purpose of voting or submitting a ballot at any polling place, voting center, or other location where ballots are cast or submitted, as specified. | 02/21/2024 - To SENATE Committees on ELECTIONS AND CONSTITUTIONAL AMENDMENTS and LOCAL GOVERNMENT. |
| SB 1175 (Ochoa Bogh) | Organic Waste: Reduction Goals: Local Jurisdiction | | Requires the Department of Resources Recycling and Recovery to consider alternatives to census tracts, as provided, when deciding the boundaries of a low-population or elevation waiver and would require low-population waivers to be valid for a period of 10 years. | 02/21/2024 - To SENATE Committee on ENVIRONMENTAL QUALITY. |
| SB 1185 (Niello) | Water Use Efficiency Standards | | Expresses the intent of the Legislature to enact future legislation relating to water use efficiency standards. | 02/21/2024 - To SENATE Committee on RULES. |
| SB 1205 (Laird) | Workers Compensation: Medical Benefits | | Makes an employee who is working entitled to receive all reasonable expenses of transportation, meals, and lodging incident to receiving treatment, in addition to one day of temporary disability indemnity, or a | 02/15/2024 - INTRODUCED. |

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| | | | percentage of one day of temporary disability indemnity representative of the percentage of the wages lost receiving treatment. | |
| SB 1209 (Cortese) | Local Agency Formation Commission | | Authorizes a LAFCO to require, as a condition for, among other things, processing a change of organization or reorganization, that the applicant agrees to defend, indemnify, and hold harmless the LAFCO, its agents, officers, and employees from and against any claim, action, or proceeding, as specified, arising from or relating to the action or determination by the LAFCO. | 02/15/2024 - INTRODUCED. |
| SB 1210 (Skinner) | New Housing Construction: Electrical, Gas, Sewer | | Prohibits, for new housing construction, a connection, capacity, or other point of connection charge from a public utility, as defined, or a special district, as defined, for electrical, gas, sewer, or water service from exceeding 1% of the reported building permit value of that housing unit. | 02/15/2024 - INTRODUCED. |
| SB 1211 (Skinner) | Land Use: Accessory Dwelling Units | | Prohibits, for purposes of the detached ADU requirements, a local agency from requiring the replacement of parking spaces when a carport, covered parking structure, or uncovered parking space is demolished in conjunction with the construction of or conversion to an accessory dwelling unit. | 02/15/2024 - INTRODUCED. |
| SB 1218 (Newman) | Water: Emergency Water Supplies | Sponsor/ Support | Declares that it is the established policy of the state to encourage and incentivize, but not mandate, the development of emergency water supplies, and to support their use during times of water shortage. | 02/15/2024 - INTRODUCED. |
| SB 1237 (Stern) | Methane | | Replaces the term natural gas with the term methane throughout all of the state's codes. Authorizes, because some natural gas is not methane and some methane is not natural gas, the expenditure of continuously appropriated moneys for new purposes, thereby making an appropriation, and would also change the applicability of various charges, and the purposes for which revenues from those charges may be used. | 02/15/2024 - INTRODUCED. |
| SB 1255 (Durazo) | Public Water Systems: Needs Analysis | | Requires the State Water Resources Control Board to develop a needs analysis of the state's public water systems on or before a specified date, and on or before May 1 of each year thereafter. | 02/15/2024 - INTRODUCED. |
| SB 1259 | Environmental Quality Act: | | Authorizes a defendant, in an action brought under CEQA, to file a | 02/15/2024 - INTRODUCED. |

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| Bill No. Author | Title | IRWD Position | Summary/Effects | Status |
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| (Niello) | Judicial Review | | motion requesting the plaintiff or petitioner to identify every person or entity that contributes in excess of a specified amount, as specified, toward the plaintiff's or petitioner's costs of the action. | |
| SB 1264 (Grove) | Employment Discrimination: Cannabis Use | | Makes a nonsubstantive change to provisions prohibiting an employer from discriminating against a person in hiring, termination, or a term or condition of employment, or otherwise penalizing a person because of the person's use of cannabis off the job. | 02/15/2024 - INTRODUCED. |
| SB 1266 (Limon) | Product Safety: Perfluoroalkyl | | Applies specified prohibitions and requirements to all forms of bisphenol and to perfluoroalkyl and polyfluoroalkyl substances, as defined, unless they are temporarily essential chemicals, as defined. | 02/15/2024 - INTRODUCED. |
| SB 1293 (Ochoa Bogh) | Recall Elections | | Relates to recall elections. Requires the published copy of the notice of intention to omit, among other things, the proponents' signatures and residence addresses, as specified. | 02/15/2024 - INTRODUCED. |
| SB 1294 (Ochoa Bogh) | Recall of Local Officers | | Makes a technical, nonsubstantive change to Elections and recall of local officers. | 02/15/2024 - INTRODUCED. |
| SB 1325 (Durazo) | Public contracts: Best Value Procurement | | Authorizes a state or local agency to award contracts through a best value procurement method, as described, for the purchase of equipment with a base value of a specified amount or more. Requires the agency to adopt and publish procedures and guidelines for evaluating the qualifications of the bidders to ensure the best value selections are conducted in a fair and impartial manner. | 02/16/2024 - INTRODUCED. |
| SB 1328 (Bradford) | Elections | | Authorizes the Secretary of State to impose additional conditions of approval for mail in ballot systems. Requires a ballot card manufacturer, ballot card finisher, or ballot on demand system vendor to provide notice within 24 hours of any flaw or defect that could adversely affect the future casting or tallying of votes. | 02/16/2024 - INTRODUCED. |
| SB 1330 (Archuleta) | Urban Retail Water Supplier: Water Use | | Requires the Water Resources Control Board to adopt variances recommended by the Department of Water Resources for unique uses that can have a material effect on an urban retail water supplier's urban water | 02/16/2024 - INTRODUCED. |

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| | | | use objective. Provides that variances adopted by the board shall not be subject to a threshold of significance. Requires an urban retail water supplier to self-certify the amount of water included in its urban water use objective that is attributable to a variance. | |
| SB 1337 (Gonzalez) | Elections: Preservation of Records | | Makes a nonsubstantive change to existing law requiring that all nomination documents and signatures in lieu of filing fee petitions be held by the officer with whom they are filed during the term of office for which they are filed and for specified number of years after the expiration of the term, after which they must be destroyed as soon as practicable, unless they are in evidence in an action or proceeding or have been requested for use in an investigation, as specified. | 02/16/2024 - INTRODUCED. |
| SB 1345 (Smallwood-Cueva) | Employment Discrimination: Criminal History | | Makes it an unlawful employment practice for an employer to take an adverse action against an applicant based solely or in part on criminal history information, unless the employer can demonstrate that the applicant's criminal history has a direct and adverse relationship with one or more specific duties of the job and the employer's business necessity requires the adverse action. | 02/16/2024 - INTRODUCED. |
| SB 1360 (Alvarado-Gil) | Water Rights: Appropriation | | Makes nonsubstantive changes to existing law prohibiting certain statutory provisions from being construed as depriving any city, city and county, municipal water district, irrigation district, or lighting district of the benefit of any law passed for their benefit in regard to the appropriation or acquisition of water. | 02/16/2024 - INTRODUCED. |
| SB 1366 (Hurtado) | Real Property Disclosure Requirements: Water Tank | | Requires, if the residential real property has received water tank assistance, the seller or real estate agent, as defined, to disclose specified information in writing. Defines water tank assistance as any assistance provided to homeowners under the grant program in the form of water tanks due to water well issues during emergencies. | 02/16/2024 - INTRODUCED. |
| SB 1373 (Cortese) | Water: Public Use | | Makes nonsubstantive changes to the declaration that all water within the state is the property of the people of the state, but the right to the use of the water may be acquired by appropriation in the manner prescribed by law. | 02/16/2024 - INTRODUCED. |

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| SB 1374 (Becker) | Net Energy Metering | | Requires the PUC to ensure that any contract or tariff established by the commission pursuant to specified provisions for renewable electrical generation facilities configured to serve either multiple customers with meters on a single property, or multiple meters of a single customer on a property or a set of contiguous properties owned, leased, or rented by the customer, meets certain requirements, including that the eligible customer-generators may elect to aggregate the electrical load, as specified. | 02/16/2024 - INTRODUCED. |
| SB 1390 (Caballero) | Groundwater Recharge: Floodflows: Diversion | | Extends the operation of these requirements to diversions commenced before a specified date. Revises, recasts, and expands the conditions that are required to be met to include a requirement that a local or regional agency make a declaration that its proposed diversion is in accordance with one of certain enumerated plans relating to flood control or flood risk, as specified, or a county emergency operations plan. | 02/16/2024 - INTRODUCED. |
| SB 1393 (Niello) | Advanced Clean Fleets Regulation Appeals | | Requires the State Air Resources Board to establish the Advanced Clean Fleets Regulation Appeals Advisory Committee by an unspecified date for purposes of reviewing appeals of denied requests for exemptions from the requirements of the Advanced Clean Fleets Regulation. | 02/16/2024 - INTRODUCED. |
| SB 1402 (Min) | 30x30 Goal: State Agencies | | Requires all state agencies, departments, boards, offices, commissions, and conservancies to consider the 30x30 goal when adopting, revising, or establishing plans, policies, and regulations. | 02/16/2024 - INTRODUCED. |
| SB 1404 (Glazer) | Political Reform Act of 1974: Audits | | Transfers the responsibility for conducting audits and field investigations of lobbying reports to the Fair Political Practices Commission. Requires the Secretary of State to charge an additional fee established by the commission to lobbying firms and lobbyist employers to offset costs associated with conducting audits and field investigations. | 02/16/2024 - INTRODUCED. |
| SB 1422 (Allen) | Campaign Disclosure and Late Contributions | | Relates to Political Reform Act of 1974. Requires certain disclosures relating to campaign contributions, including in-kind contributions. Requires any candidate or committee that makes a late contribution that is an in-kind contribution to notify the recipient in writing of the value of the in-kind contribution within 24 hours of the time the contribution is made. | 02/16/2024 - INTRODUCED. |

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| SB 1431 (Cortese) | Declarations: Common Areas | | Makes a nonsubstantive change to provisions of for Common Interest Development Act. | 02/16/2024 - INTRODUCED. |
| SB 1439 (Ashby) | Surplus Land Act | | Defines exempt surplus land to include land that is being or will be developed for a health facility, as defined and specified. | 02/16/2024 - INTRODUCED. |
| SB 1467 (Rubio) | California Water District Law | | Authorizes a water district, by using any water or water supplies furnished to the district or used by the district, to construct, maintain, and operate plants for the generation of hydroelectric power from those water and transmission lines for the conveyance of that power. | 02/16/2024 - INTRODUCED. |
| SCA 2 (Stern) | Elections: Voter Qualifications | | Provides that the California Constitution allows a United States citizen who is at least 18 years of age and a resident of the State to vote. Reduces the minimum voting age to a specified age. | 09/01/2023 - From SENATE Committee on APPROPRIATIONS: Be adopted.;09/01/2023 - In SENATE. Ordered to third reading. |
| SCA 3 (Niello) | Elections: Initiatives and Referenda | | Transfers from the Attorney General to the Legislative Analyst the duty of preparing the title and summary for a proposed initiative or referendum. Requires, for each measure that appears on a statewide ballot, the Legislative Analyst to prepare the ballot label and the ballot title and summary for the state voter information guide. | 09/01/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee. |
| H.R. 1430 (Valadao) | National Environmental Policy Act Review Requirements | Support | Directs the Secretary of the Interior and the Secretary of Agriculture to use certain previously completed environmental assessments and environmental impact statements to satisfy the review requirements of the National Environmental Policy Act of 1969. | 04/25/2023 - In HOUSE Committee on AGRICULTURE: Referred to Subcommittee on FORESTRY. |
| H.R. 2964 (McClain) | Do Not Flush Labeling Requirements | Support | Requires the Federal Trade Commission to issue regulations requiring certain products to have Do Not Flush labeling. | 12/06/2023 - In HOUSE Committee on ENERGY AND COMMERCE: Consideration and mark-up session held.;12/06/2023 - In HOUSE Committee on ENERGY AND COMMERCE: Ordered to be reported as amended. |
| H.R. 3027 (Porter) | Reclamation Climate Change and Water Program Funding | Support | Reauthorizes funding for the Reclamation Climate Change and Water Program. | 06/09/2023 - In HOUSE Committee on NATURAL RESOURCES: Referred to Subcmnt on WATER, WILDLIFE AND |

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| | | | | FISHERIES. |
| S 1350 (Merkley) | Do Not Flush Labeling Regulations | Support | Requires the Federal Trade Commission to issue regulations requiring certain products to have Do Not Flush labeling. | 04/27/2023 - INTRODUCED.;04/27/2023 - In SENATE. Read second time.;04/27/2023 - To SENATE Committee on COMMERCE, SCIENCE, AND TRANSPORTATION. |
| S 1429 (Lummis) | PFAS Substance Liability Exemptions | Support | Exempts certain entities from liability under the Comprehensive Environmental Response, Compensation, and Liability Act of specified year with respect to releases of perfluoroalkyl and polyfluoroalkyl substances (PFAS). | 05/03/2023 - INTRODUCED.;05/03/2023 - In SENATE. Read second time.;05/03/2023 - To SENATE Committee on ENVIRONMENT AND PUBLIC WORKS. |

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March 11, 2024

Prepared by: O. Mendoza / J. Davis

Submitted by: K. Morris / N. Adly

Approved by: Paul A. Cook 

CONSENT CALENDAR

JANUARY 2024 TREASURY REPORT

SUMMARY:

The following is submitted for the Board's information and approval:

- A. The January 2024 Investment Summary Report. This Investment Summary Report conforms with the 2024 Investment Policy and provides sufficient liquidity to meet estimated expenditures during the next six months as outlined in Exhibit "A";
- B. The Summary of Fixed and Variable Rate Debt as of January 31, 2024 as outlined in Exhibit "B";
- C. The Monthly Interest Rate Swap Summary as of January 31, 2024 as outlined in Exhibit "C";
- D. The January 31, 2024 Disbursement Summary of warrants 440235 through 440792, Workers' Compensation distributions, ACH payments, virtual card payments, wire transfers, payroll withholding distributions, and voided checks in the total amount of \$36,955,448 as outlined in Exhibit "D";
- E. The Summary of Payroll ACH payments in the total amount of \$2,504,775 as outlined in Exhibit "E"; and
- F. The Disclosure Report of Reimbursements to Board members and staff for January 2024, detailing payments or reimbursements for individual charges of \$100 or more per transaction as outlined in Exhibit "F".

FISCAL IMPACTS:

As of January 31, 2024, the book value of the investment portfolio was \$375,627,244, with a 4.30% rate of return and a market value of \$375,651,684. Based on IRWD's December 31, 2023, quarterly real estate annualized investment rate of return of 14.37%, the weighted average return for the fixed income and real estate investments was 6.42%.

As of January 31, 2024, the outstanding principal amount of fixed and variable rate debt was \$594,490,000. The monthly weighted average all-in variable rate was 2.71%. Including IRWD's weighted average fixed rate bond issues of 3.72% and the negative cash accruals from fixed payer interest rate swaps, which hedge a portion of the District's variable rate debt, the total average debt rate was 3.38%.

Payroll ACH payments totaled \$2,504,775 and wire transfers, all other ACH payments, and checks issued for debt service, accounts payable, payroll, water purchases, and voided checks for January totaled \$36,955,448.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3, Section 15378.

COMMITTEE STATUS:

All items in this report were not submitted to a Committee; the investment and debt reports are submitted to the Finance and Personnel Committee monthly.

RECOMMENDATION:

THAT THE BOARD RECEIVE AND FILE THE TREASURER'S INVESTMENT SUMMARY REPORT, THE SUMMARY OF FIXED AND VARIABLE RATE DEBT, AND THE DISCLOSURE REPORT OF REIMBURSEMENTS TO BOARD MEMBERS AND STAFF, APPROVE THE JANUARY 2024 SUMMARY OF PAYROLL ACH PAYMENTS IN THE TOTAL AMOUNT OF \$2,504,775, AND APPROVE THE JANUARY 2024 ACCOUNTS PAYABLE DISBURSEMENT SUMMARY OF WARRANTS 440235 THROUGH 440792, WORKERS' COMPENSATION DISTRIBUTIONS, ACH PAYMENTS, VIRTUAL CARD PAYMENTS, WIRE TRANSFERS, PAYROLL WITHHOLDING DISTRIBUTIONS, AND VOIDED CHECKS IN THE TOTAL AMOUNT OF \$36,955,448.

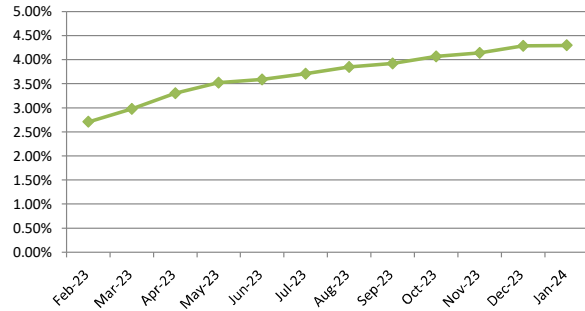
LIST OF EXHIBITS:

- Exhibit "A" – Investment Summary Report
- Exhibit "B" – Summary of Fixed and Variable Debt
- Exhibit "C" – Monthly Interest Rate Swap Summary
- Exhibit "D" – Monthly Summary of District Disbursements
- Exhibit "E" – Monthly Payroll ACH Summary
- Exhibit "F" – Disclosure of Reimbursements to Board Members and Staff

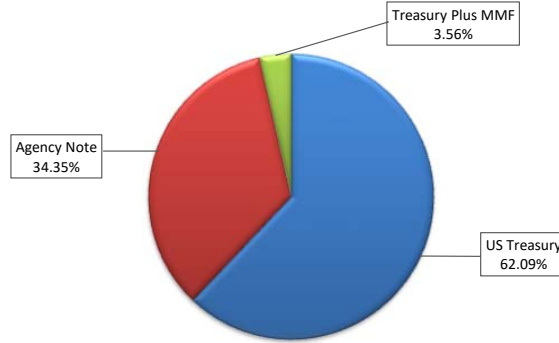
Exhibit "A"

Irvine Ranch Water District Investment Portfolio Summary January 2024

Monthly Fixed Income Yield



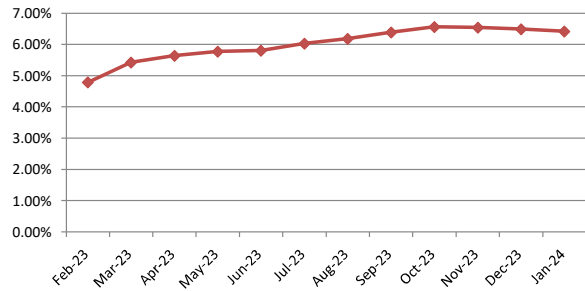
Portfolio Distribution



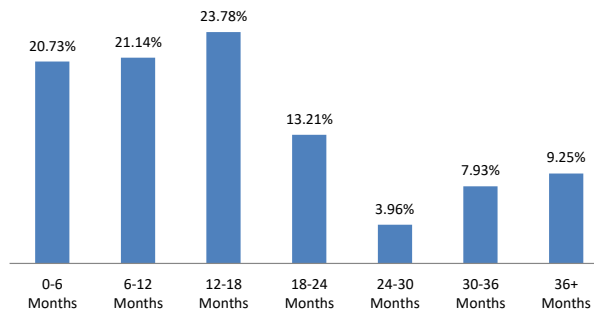
Investment Summary

| Type | PAR | Book Value | Market Value |
|--------------------|--------------------|--------------------|--------------------|
| US Treasury | 235,000,000 | 233,252,640 | 233,744,800 |
| Agency Note | 130,000,000 | 128,912,121 | 128,444,400 |
| Treasury Plus MMF | 13,462,484 | 13,462,484 | 13,462,484 |
| Grand Total | 378,462,484 | 375,627,244 | 375,651,684 |

Weighted Average Return Including Real Estate Portfolio



Maturity Distribution



Top Issuers

| Issuer | PAR | % Portfolio |
|-----------------------------|--------------------|----------------|
| US Treasury | 235,000,000 | 62.09% |
| Fed Farm Credit Bank | 55,000,000 | 14.53% |
| Fed Home Loan Bank | 55,000,000 | 14.53% |
| Fed Home Loan Mortgage Corp | 15,000,000 | 3.96% |
| Wells Fargo / Allspring | 13,462,484 | 3.56% |
| Fed Natl Mortgage Assoc | 5,000,000 | 1.33% |
| Grand Total | 378,462,484 | 100.00% |

IRVINE RANCH WATER DISTRICT
INVESTMENT SUMMARY REPORT

01/31/24

| SETTLMT | Call Schedule | Initial Call | Maturity Date | Rating | INVESTMENT TYPE | INSTITUTION / ISSUER | PAR Amount | COUPON DISCOUNT | YIELD | ORIGINAL COST | CARRY VALUE | MARKET VALUE ⁽¹⁾ 1/31/2024 | UNREALIZED ⁽²⁾ GAIN/(LOSS) |
|----------|---------------|--------------|---------------|-------------|-------------------|-----------------------------|---------------|-----------------|--------|---------------|---------------|---------------------------------------|---------------------------------------|
| 04/06/23 | | | 02/01/24 | | LAIF | State of California Tsy. | \$0.00 | | 4.080% | \$0.00 | \$0.00 | 0.00 | 0.00 |
| 01/31/24 | | | 02/01/24 | | Treasury Plus MMF | Wells Fargo / Allspring | 13,462,484.06 | | 5.212% | 13,462,484.06 | 13,462,484.06 | 13,462,484.06 | 0.00 |
| 12/16/22 | NA | NA | 02/15/24 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 2.750% | 4.531% | 4,899,804.69 | 4,996,707.20 | 4,995,100.00 | (1,607.20) |
| 08/17/23 | NA | NA | 02/15/24 | Aaa/NR/AAA | Treasury - Bill | US Treasury | 10,000,000 | 5.260% | 5.494% | 9,734,077.78 | 9,979,544.44 | 9,979,600.00 | 55.56 |
| 03/22/22 | NA | NA | 02/29/24 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 1.500% | 2.020% | 4,950,781.25 | 4,998,056.24 | 4,984,950.00 | (13,106.24) |
| 03/10/22 | NA | NA | 03/08/24 | Aaa/AA+/NR | FHLB - Note | Fed Home Loan Bank | 10,000,000 | 1.875% | 1.680% | 10,038,080.00 | 10,001,880.49 | 9,966,400.00 | (35,480.49) |
| 01/30/24 | NA | NA | 03/14/24 | Aaa/NR/AAA | Treasury - Bill | US Treasury | 5,000,000 | 5.246% | 5.368% | 4,967,938.67 | 4,969,396.00 | 4,969,200.00 | (196.00) |
| 04/21/22 | NA | NA | 04/30/24 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 2.000% | 2.600% | 9,882,421.88 | 9,985,858.85 | 9,917,600.00 | (68,258.85) |
| 05/31/22 | NA | NA | 05/31/24 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 2.500% | 2.560% | 9,988,281.25 | 9,998,076.27 | 9,909,400.00 | (88,676.27) |
| 08/17/22 | NA | NA | 06/14/24 | Aaa/AA+/AAA | FHLB - Note | Fed Home Loan Bank | 5,000,000 | 3.125% | 3.315% | 4,983,199.99 | 4,996,624.89 | 4,962,200.00 | (34,424.89) |
| 12/16/22 | NA | NA | 06/14/24 | Aaa/AA+/AAA | FHLB - Note | Fed Home Loan Bank | 5,000,000 | 4.875% | 4.611% | 5,018,300.00 | 5,004,491.21 | 4,994,900.00 | (9,591.21) |
| 12/01/22 | NA | NA | 07/02/24 | Aaa/AA+/AAA | FNMA - Note | Fed Natl Mortgage Assoc | 5,000,000 | 1.750% | 4.450% | 4,795,376.45 | 4,946,281.90 | 4,928,700.00 | (17,581.90) |
| 08/17/22 | NA | NA | 07/31/24 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 3.000% | 3.249% | 4,976,562.50 | 4,994,058.56 | 4,947,650.00 | (46,408.56) |
| 11/30/23 | NA | NA | 07/31/24 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 1.750% | 5.288% | 9,770,312.50 | 9,829,617.06 | 9,835,900.00 | 6,282.94 |
| 08/31/22 | NA | NA | 08/26/24 | Aaa/AA+/NR | FFCB - Note | Fed Farm Credit Bank | 5,000,000 | 3.375% | 3.500% | 4,988,050.00 | 4,996,592.77 | 4,952,950.00 | (43,642.77) |
| 09/09/22 | One Time | 11/28/2022 | 08/28/24 | Aaa/AA+/NR | FHLB - Note | Fed Home Loan Bank | 5,000,000 | 4.000% | 3.950% | 4,995,000.00 | 4,998,546.59 | 4,971,800.00 | (26,746.59) |
| 02/28/23 | One Time | 8/28/2023 | 08/28/24 | Aaa/AA+/NR | FHLB - Note | Fed Home Loan Bank | 5,000,000 | 5.250% | 5.338% | 4,993,750.00 | 4,997,611.97 | 5,006,850.00 | 9,238.03 |
| 08/31/22 | NA | NA | 09/13/24 | Aaa/AA+/NR | FHLB - Note | Fed Home Loan Bank | 5,000,000 | 3.250% | 3.530% | 4,972,750.00 | 5,013,972.45 | 4,944,100.00 | (69,872.45) |
| 09/30/22 | NA | NA | 09/13/24 | Aaa/AA+/NR | FHLB - Note | Fed Home Loan Bank | 5,000,000 | 3.250% | 4.340% | 4,898,930.00 | 4,968,150.21 | 4,944,100.00 | (24,050.21) |
| 09/30/22 | NA | NA | 09/26/24 | Aaa/AA+/NR | FFCB - Note | Fed Farm Credit Bank | 5,000,000 | 4.250% | 4.334% | 4,992,100.00 | 4,997,413.76 | 4,976,700.00 | (20,713.76) |
| 10/17/22 | NA | NA | 10/17/24 | Aaa/AA+/NR | FFCB - Note | Fed Farm Credit Bank | 10,000,000 | 4.375% | 4.535% | 9,969,800.00 | 9,989,299.86 | 9,965,000.00 | (24,299.86) |
| 10/31/22 | NA | NA | 11/15/24 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 2.250% | 4.489% | 4,783,984.38 | 4,916,605.23 | 4,899,200.00 | (17,405.23) |
| 12/22/22 | NA | NA | 11/18/24 | Aaa/AA+/AAA | FFCB - Note | Fed Farm Credit Bank | 5,000,000 | 0.875% | 4.260% | 4,693,316.75 | 4,871,958.64 | 4,843,550.00 | (28,408.64) |
| 10/31/22 | NA | NA | 12/31/24 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 2.250% | 4.471% | 4,773,046.88 | 4,904,289.97 | 4,888,300.00 | (15,989.97) |
| 10/31/22 | NA | NA | 12/31/24 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 2.250% | 4.483% | 4,771,875.00 | 4,903,795.77 | 4,888,300.00 | (15,495.77) |
| 10/31/22 | NA | NA | 01/15/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 1.125% | 4.476% | 4,651,562.50 | 4,849,312.65 | 4,833,600.00 | (15,712.65) |
| 10/31/22 | NA | NA | 01/31/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 2.500% | 4.483% | 4,789,843.75 | 4,909,114.58 | 4,892,950.00 | (16,164.58) |
| 11/30/23 | NA | NA | 01/31/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 2.500% | 5.097% | 9,708,593.75 | 9,751,487.66 | 9,785,900.00 | 34,412.34 |
| 02/13/23 | One Time | 2/13/2024 | 02/13/25 | Aaa/AA+/NR | FHLB - Note | Fed Home Loan Bank | 5,000,000 | 5.020% | 5.020% | 5,000,000.00 | 5,000,000.00 | 5,000,200.00 | 200.00 |
| 02/07/23 | NA | NA | 02/14/25 | Aaa/AA+/AAA | FFCB - Note | Fed Farm Credit Bank | 5,000,000 | 1.750% | 4.500% | 4,737,350.00 | 4,865,116.06 | 4,848,550.00 | (16,566.06) |
| 12/30/22 | NA | NA | 02/28/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 2.750% | 4.317% | 4,839,453.13 | 4,920,233.98 | 4,900,800.00 | (19,433.98) |
| 02/07/23 | NA | NA | 03/14/25 | Aaa/AA+/NR | FHLB - Note | Fed Home Loan Bank | 5,000,000 | 4.250% | 4.518% | 4,973,050.00 | 4,985,680.61 | 4,980,500.00 | (5,180.61) |
| 12/30/22 | NA | NA | 03/15/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 1.750% | 4.329% | 4,731,250.00 | 4,863,957.82 | 4,844,750.00 | (19,207.82) |
| 04/12/23 | NA | NA | 03/31/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 20,000,000 | 3.875% | 4.073% | 19,925,781.25 | 19,956,232.61 | 19,835,200.00 | (121,032.61) |
| 12/22/22 | NA | NA | 04/01/25 | Aaa/AA+/AAA | FHLB - Note | Fed Home Loan Bank | 5,000,000 | 4.200% | 4.160% | 5,004,550.00 | 5,002,327.02 | 4,978,700.00 | (23,627.02) |
| 12/08/22 | Quarterly | 02/12/2023 | 05/12/25 | Aaa/AA+/AAA | FHLMC - Note | Fed Home Loan Mortgage Corp | 5,000,000 | 3.050% | 4.427% | 4,843,000.00 | 4,917,424.38 | 4,907,900.00 | (9,524.38) |
| 01/11/23 | NA | NA | 05/15/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 2.750% | 4.148% | 4,845,312.50 | 4,915,148.03 | 4,890,800.00 | (24,348.03) |
| 12/13/22 | NA | NA | 06/13/25 | Aaa/AA+/AAA | FFCB - Note | Fed Farm Credit Bank | 5,000,000 | 4.250% | 4.340% | 4,989,400.00 | 4,994,218.18 | 4,988,600.00 | (5,618.18) |
| 12/13/22 | NA | NA | 06/13/25 | Aaa/AA+/AAA | FFCB - Note | Fed Farm Credit Bank | 5,000,000 | 4.250% | 4.352% | 4,988,000.00 | 4,993,454.55 | 4,988,600.00 | (4,854.55) |
| 08/01/23 | NA | NA | 07/15/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 3.000% | 4.917% | 9,646,875.00 | 9,737,876.40 | 9,800,800.00 | 62,923.60 |

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IRVINE RANCH WATER DISTRICT
INVESTMENT SUMMARY REPORT

01/31/24

| SETTLMT | Call Schedule | Initial Call | Maturity Date | Rating | INVESTMENT TYPE | INSTITUTION / ISSUER | PAR Amount | COUPON DISCOUNT | YIELD | ORIGINAL COST | CARRY VALUE | MARKET VALUE ⁽¹⁾ 1/31/2024 | UNREALIZED ⁽²⁾ GAIN/(LOSS) |
|-------------------|------------------|--------------|---------------|-------------|-----------------|-----------------------------|----------------------|-----------------|--------|-------------------------|-------------------------|---------------------------------------|---------------------------------------|
| 04/24/23 | NA | NA | 07/24/25 | Aaa/AA+/AAA | FFCB - Note | Fed Farm Credit Bank | 10,000,000 | 4.250% | 4.253% | 10,000,000.00 | 10,000,000.00 | 9,975,800.00 | (24,200.00) |
| 04/21/23 | NA | NA | 09/23/25 | Aaa/AA+/AAA | FHLMC - Note | Fed Home Loan Mortgage Corp | 10,000,000 | 0.375% | 4.127% | 9,143,400.00 | 9,419,909.71 | 9,368,500.00 | (51,409.71) |
| 12/01/22 | NA | NA | 10/15/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 5,000,000 | 4.250% | 4.298% | 4,993,359.38 | 4,996,062.47 | 4,993,350.00 | (2,712.47) |
| 12/01/23 | NA | NA | 11/15/25 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 2.250% | 4.719% | 9,543,750.00 | 9,583,312.94 | 9,650,000.00 | 66,687.06 |
| 12/01/22 | Continuous after | 9/12/2023 | 12/12/25 | Aaa/AA+/AAA | FFCB - Note | Fed Farm Credit Bank | 5,000,000 | 4.125% | 4.694% | 4,920,500.00 | 4,951,165.31 | 4,949,800.00 | (1,365.31) |
| 07/06/23 | NA | NA | 06/15/26 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 15,000,000 | 4.125% | 4.566% | 14,819,531.25 | 14,854,785.61 | 15,000,600.00 | 145,814.39 |
| 09/27/23 | NA | NA | 09/15/26 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 4.625% | 4.846% | 9,939,453.13 | 9,946,546.72 | 10,134,800.00 | 188,253.28 |
| 11/03/23 | NA | NA | 10/15/26 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 4.625% | 4.784% | 9,956,640.63 | 9,960,263.98 | 10,142,200.00 | 181,936.02 |
| 12/28/23 | NA | NA | 12/15/26 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 4.375% | 4.020% | 10,098,046.88 | 10,094,878.24 | 10,092,200.00 | (2,678.24) |
| 01/31/24 | NA | NA | 01/15/27 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 4.000% | 4.171% | 9,952,734.38 | 9,952,778.14 | 9,995,300.00 | 42,521.86 |
| 11/28/23 | NA | NA | 10/31/28 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 10,000,000 | 4.875% | 4.464% | 10,179,687.50 | 10,173,195.18 | 10,416,400.00 | 243,204.82 |
| 12/15/23 | NA | NA | 11/30/28 | Aaa/AA+/AA+ | Treasury - Note | US Treasury | 15,000,000 | 4.375% | 3.897% | 15,319,921.88 | 15,311,447.13 | 15,319,950.00 | 8,502.87 |
| SUB-TOTAL | | | | | | | <u>\$378,462,484</u> | | | <u>\$372,841,270.94</u> | <u>\$375,627,244.35</u> | <u>\$375,651,684.06</u> | <u>\$24,439.71</u> |
| TOTAL INVESTMENTS | | | | | | | <u>\$378,462,484</u> | | | <u>\$372,841,270.94</u> | <u>\$375,627,244.35</u> | <u>\$375,651,684.06</u> | <u>\$24,439.71</u> |

| | | | | | |
|------------|-----------------|-----|-------|--|-------------------------|
| Petty Cash | | | | | 3,400.00 |
| Ck Balance | Bank of America | ECR | 1.77% | | 10,233,231.46 |
| Ck Balance | Wells Fargo | ECR | 2.00% | | 0.00 ⁽⁵⁾ |
| | | | | | <u>\$383,077,902.40</u> |

⁽¹⁾ LAIF market value is as of the most recent quarter-end as reported by LAIF.
 Security market values are determined using Bank of New York ("Trading Prices"), Bloomberg and/or broker dealer pricing.
⁽²⁾ Gain (loss) calculated against carry value using the trading value provided by Bank of New York/or Brokers
⁽³⁾ Real estate rate of return is based on most recent quarter end return.
⁽⁴⁾ Original Cost updated to reflect capital tenant improvements added for Fiscal Year 2023. of capital tenant improvements during FY 2023.
⁽⁵⁾ Cash balance in this account are funds that are pending purchase into the current money market fund.
 *S - Step up

| | |
|--|---------------|
| Outstanding Variable Rate Debt | \$214,800,000 |
| Net Outstanding Variable Rate Debt (Less \$60 million fixed-payer swaps) | \$154,800,000 |
| Investment Balance: | \$383,077,902 |
| Investment to Variable Rate Debt Ratio: | 247% |
| Portfolio - Average Number of Days To Maturity | 497 |

This Investment Summary Report is in conformity with the 2024 Investment Policy and provides sufficient liquidity to meet the next six months estimated expenditures.

| | Investment Portfolio | Real Estate ⁽³⁾⁽⁴⁾ Portfolio | Weighted Avg. Return |
|----------|----------------------|---|----------------------|
| January | 4.30% | 14.37% | 6.42% |
| December | 4.29% | 14.37% | 6.49% |
| Change | 0.01% | 0.00% | -0.07% |

IRVINE RANCH WATER DISTRICT
SUMMARY OF MATURITIES

01/31/24

| DATE | TOTAL | % | LAIF | Agency Notes | Agency Discount Notes | Municipal Bonds | US Treasury | Investment Sweep |
|-----------|---------------|-------|------|--------------|-----------------------|-----------------|--------------|------------------|
| 1/24 | 13,462,484 | 3.56% | | | | | | 13,462,484 |
| 2/24 | 20,000,000 | 5.28% | | | | | 20,000,000 | |
| 3/24 | 15,000,000 | 3.96% | | 10,000,000 | | | 5,000,000 | |
| 4/24 | 10,000,000 | 2.64% | | | | | 10,000,000 | |
| 5/24 | 10,000,000 | 2.64% | | | | | 10,000,000 | |
| 6/24 | 10,000,000 | 2.64% | | 10,000,000 | | | | |
| 7/24 | 20,000,000 | 5.28% | | 5,000,000 | | | 15,000,000 | |
| 8/24 | 15,000,000 | 3.96% | | 15,000,000 | | | | |
| 9/24 | 15,000,000 | 3.96% | | 15,000,000 | | | | |
| 10/24 | 10,000,000 | 2.64% | | 10,000,000 | | | | |
| 11/24 | 10,000,000 | 2.64% | | 5,000,000 | | | 5,000,000 | |
| 12/24 | 10,000,000 | 2.64% | | | | | 10,000,000 | |
| SUB-TOTAL | \$158,462,484 | \$0 | | \$70,000,000 | | | \$75,000,000 | \$13,462,484 |

| 13 Months - 3 YEARS | | | | | | | | |
|-------------------------|---------------|---------|--|---------------|--|--|---------------|--------------|
| 1/01/2025 - 03/31/2025 | \$65,000,000 | 17.17% | | 15,000,000 | | | 50,000,000 | |
| 04/01/2025 - 06/30/2025 | \$25,000,000 | 6.61% | | 20,000,000 | | | 5,000,000 | |
| 7/01/2025 - 09/30/2025 | \$30,000,000 | 7.93% | | 20,000,000 | | | 10,000,000 | |
| 10/01/2025 - 12/31/2025 | \$20,000,000 | 5.28% | | 5,000,000 | | | 15,000,000 | |
| 1/01/2026 - 03/31/2026 | | | | | | | | |
| 04/01/2026 - 06/30/2026 | \$15,000,000 | 3.96% | | | | | 15,000,000 | |
| 07/01/2026 - 09/30/2026 | \$10,000,000 | 2.64% | | | | | 10,000,000 | |
| 10/01/2026 - 12/31/2026 | \$20,000,000 | 5.28% | | | | | 20,000,000 | |
| 01/01/2027 + | \$35,000,000 | 9.25% | | | | | 35,000,000 | |
| SUB-TOTAL | \$220,000,000 | 58.13% | | \$60,000,000 | | | \$160,000,000 | |
| TOTALS | \$378,462,484 | 100.00% | | \$130,000,000 | | | \$235,000,000 | \$13,462,484 |

% OF PORTFOLIO

34.35%

62.09%

3.56%

Irvine Ranch Water District
Summary of Real Estate - Income Producing Investments
12/31/2023

| | ACQUISITION DATE | PROPERTY TYPE | OWNERSHIP INTEREST | ORIGINAL COST | MARKET VALUE 6/30/2023 | ANNUALIZED RATE OF RETURN QUARTER ENDED 12/31/2023 |
|---|---------------------|------------------|-----------------------|-----------------------|---------------------------|---|
| Sycamore Canyon | Dec-92 | Apartments | Fee Simple | \$ 45,457,369 | \$ 178,606,250 | 23.23% |
| Wood Canyon Villas | Jun-91 | Apartments | Limited Partner | \$ 6,000,000 | \$ 36,246,127 | 8.61% |
| ITC (230 Commerce) | Jul-03 | Office Building | Fee Simple | \$ 5,568,747 | \$ 12,484,800 | 8.08% |
| Waterworks Business Pk. | Nov-08 | Research & Dev. | Fee Simple | \$ 8,983,395 | \$ 12,068,640 | 8.04% |
| Sand Canyon Professional Center - Medical Office | Jul-12 | Medical Office | Fee Simple | \$ 8,715,929 | \$ 12,380,760 | 7.19% |
| Sand Canyon Professional Center - General Office ⁽¹⁾ | Sep-20 | Office Building | Fee Simple | \$ 31,404,103 | \$ 40,559,820 | 7.57% |
| Total - Income Properties | | | | \$ 106,129,543 | \$ 292,346,397 | 14.37% |

(1) Original Cost updated to reflect capital tenant improvements added for Fiscal Year 2023.

IRVINE RANCH WATER DISTRICT INVESTMENT SUMMARY REPORT
INVESTMENT ACTIVITY⁽¹⁾
Jan-24

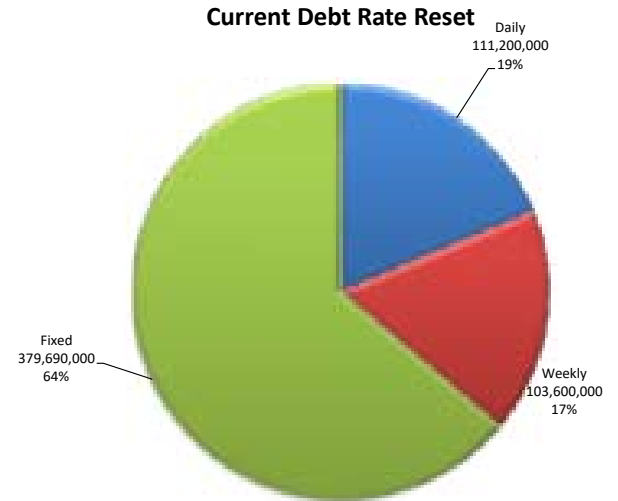
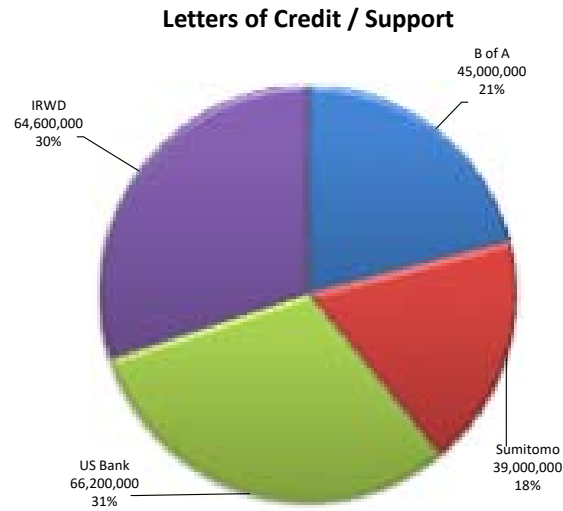
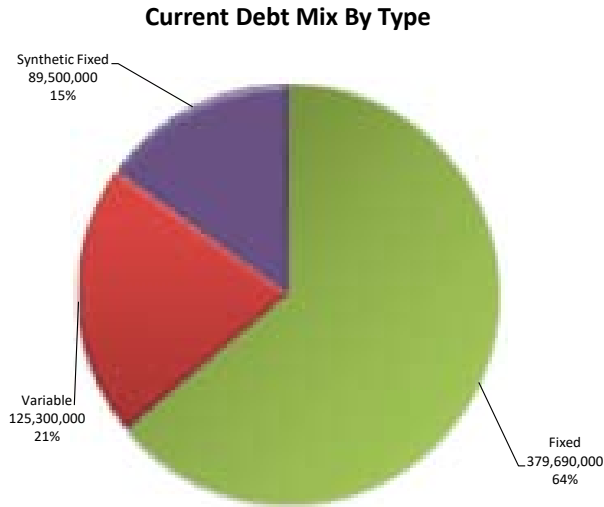
MATURITIES/SALES/CALLS

PURCHASES

| DATE | SECURITY TYPE | PAR | YIELD | Settlement Date | Maturity Date | SECURITY TYPE | PAR | YIELD TO MATURITY |
|-----------|----------------------|--------------|-------|-----------------|---------------|-----------------|--------------|-------------------|
| 1/12/2024 | FHLB - Discount Note | \$5,000,000 | 4.77% | 1/30/2024 | 3/14/2024 | Treasury - Bill | \$5,000,000 | 5.37% |
| 1/23/2024 | Treasury - Bill | \$10,000,000 | 5.37% | 1/31/2024 | 1/15/2027 | Treasury - Note | \$10,000,000 | 4.17% |
| 1/30/2024 | Treasury - Bill | \$10,000,000 | 5.38% | | | | | |
| 1/31/2024 | Treasury - Note | \$5,000,000 | 2.01% | | | | | |
| 1/31/2024 | Treasury - Note | \$5,000,000 | 3.45% | | | | | |

(1) Italicized entries indicate securities that are scheduled but not yet matured, sold, called, or purchased. There may be additional investment purchases if there are pending maturities for the month.

Exhibit "B"
Irvine Ranch Water District
Summary of Fixed and Variable Rate Debt
January 2024



Outstanding Par by Series

| Series | Issue Date | Maturity Date | Remaining Principal | Percent | Letter of Credit/Support | Rmkt Agent | Mode | Reset |
|---------------------------------|------------|---------------|----------------------|----------------|--------------------------|------------|----------|--------|
| Series 1993 | 05/19/93 | 04/01/33 | \$21,200,000 | 3.57% | US Bank | BAML | Variable | Daily |
| Series 2008-A Refunding | 04/24/08 | 07/01/35 | \$39,000,000 | 6.56% | Sumitomo | BAML | Variable | Weekly |
| Series 2011-A-1 Refunding | 04/15/11 | 10/01/37 | \$38,760,000 | 6.52% | IRWD | Goldman | Variable | Weekly |
| Series 2011-A-2 Refunding | 04/15/11 | 10/01/37 | \$25,840,000 | 4.35% | IRWD | Goldman | Variable | Weekly |
| Series 2009 - A | 06/04/09 | 10/01/41 | \$45,000,000 | 7.57% | US Bank | US Bank | Variable | Daily |
| Series 2009 - B | 06/04/09 | 10/01/41 | \$45,000,000 | 7.57% | B of A | Goldman | Variable | Daily |
| 2016 COPS | 09/01/16 | 03/01/46 | \$105,710,000 | 17.78% | N/A | N/A | Fixed | Fixed |
| 2010 Build America Taxable Bond | 12/16/10 | 05/01/40 | \$175,000,000 | 29.44% | N/A | N/A | Fixed | Fixed |
| Series 2016 | 10/12/16 | 02/01/46 | \$98,980,000 | 16.65% | N/A | N/A | Fixed | Fixed |
| Total | | | \$594,490,000 | 100.00% | | | | |

SUMMARY OF DEBT RATES
Jan-24

| Rmkt Agent Mode | GOLDMAN | | GOLDMAN | | MERRILL LYNCH | | US BANK |
|--------------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
| | DAILY | WEEKLY | WEEKLY | WEEKLY | DAILY | WEEKLY | DAILY |
| Bond Issue | 2009 - B | 2011 A-1 | 2011 A-2 | 2011 A-2 | 1993 | 2008-A | 2009-A |
| Par Amount | 45,000,000 | 38,760,000 | 25,840,000 | 25,840,000 | 21,200,000 | 39,000,000 | 45,000,000 |
| LOC Bank | BOFA | (SIFMA + 5) | (SIFMA + 5) | (SIFMA + 5) | US BANK | Sumitomo | US BANK |
| Reset | | Wednesday | Wednesday | Wednesday | | Wednesday | |
| 1/1/2024 | 3.29% | 3.92% | 3.92% | 3.92% | 3.57% | 2.51% | 3.40% |
| 1/2/2024 | 2.65% | 3.92% | 3.92% | 3.92% | 2.77% | 2.51% | 2.90% |
| 1/3/2024 | 1.90% | 3.92% | 3.92% | 3.92% | 1.60% | 2.51% | 2.20% |
| 1/4/2024 | 1.20% | 3.13% | 3.13% | 3.13% | 1.10% | 1.78% | 1.25% |
| 1/5/2024 | 0.90% | 3.13% | 3.13% | 3.13% | 0.50% | 1.78% | 0.90% |
| 1/6/2024 | 0.90% | 3.13% | 3.13% | 3.13% | 0.50% | 1.78% | 0.90% |
| 1/7/2024 | 0.90% | 3.13% | 3.13% | 3.13% | 0.50% | 1.78% | 0.90% |
| 1/8/2024 | 0.48% | 3.13% | 3.13% | 3.13% | 0.45% | 1.78% | 0.50% |
| 1/9/2024 | 0.43% | 3.13% | 3.13% | 3.13% | 0.27% | 1.78% | 0.40% |
| 1/10/2024 | 0.43% | 3.13% | 3.13% | 3.13% | 0.22% | 1.78% | 0.40% |
| 1/11/2024 | 0.33% | 1.95% | 1.95% | 1.95% | 0.25% | 0.98% | 0.35% |
| 1/12/2024 | 0.27% | 1.95% | 1.95% | 1.95% | 0.24% | 0.98% | 0.30% |
| 1/13/2024 | 0.27% | 1.95% | 1.95% | 1.95% | 0.24% | 0.98% | 0.30% |
| 1/14/2024 | 0.27% | 1.95% | 1.95% | 1.95% | 0.24% | 0.98% | 0.30% |
| 1/15/2024 | 0.27% | 1.95% | 1.95% | 1.95% | 0.24% | 0.98% | 0.30% |
| 1/16/2024 | 0.37% | 1.95% | 1.95% | 1.95% | 0.44% | 0.98% | 0.50% |
| 1/17/2024 | 0.95% | 1.95% | 1.95% | 1.95% | 0.93% | 0.98% | 0.80% |
| 1/18/2024 | 1.25% | 2.62% | 2.62% | 2.62% | 1.73% | 1.78% | 1.25% |
| 1/19/2024 | 2.55% | 2.62% | 2.62% | 2.62% | 2.47% | 1.78% | 2.00% |
| 1/20/2024 | 2.55% | 2.62% | 2.62% | 2.62% | 2.47% | 1.78% | 2.00% |
| 1/21/2024 | 2.55% | 2.62% | 2.62% | 2.62% | 2.47% | 1.78% | 2.00% |
| 1/22/2024 | 3.55% | 2.62% | 2.62% | 2.62% | 3.50% | 1.78% | 3.00% |
| 1/23/2024 | 3.95% | 2.62% | 2.62% | 2.62% | 3.97% | 1.78% | 3.75% |
| 1/24/2024 | 4.05% | 2.62% | 2.62% | 2.62% | 4.42% | 1.78% | 4.25% |
| 1/25/2024 | 4.05% | 4.60% | 4.60% | 4.60% | 4.42% | 3.99% | 4.50% |
| 1/26/2024 | 4.10% | 4.60% | 4.60% | 4.60% | 3.92% | 3.99% | 4.50% |
| 1/27/2024 | 4.10% | 4.60% | 4.60% | 4.60% | 3.92% | 3.99% | 4.50% |
| 1/28/2024 | 4.10% | 4.60% | 4.60% | 4.60% | 3.92% | 3.99% | 4.50% |
| 1/29/2024 | 4.05% | 4.60% | 4.60% | 4.60% | 3.62% | 3.99% | 4.10% |
| 1/30/2024 | 3.95% | 4.60% | 4.60% | 4.60% | 3.32% | 3.99% | 3.85% |
| 1/31/2024 | 3.40% | 4.60% | 4.60% | 4.60% | 2.82% | 3.99% | 3.50% |
| Avg Interest Rates | 2.06% | 3.16% | 3.16% | 3.16% | 1.97% | 2.17% | 2.07% |
| Rmkt Fee | 0.10% | 0.13% | 0.13% | 0.13% | 0.10% | 0.07% | 0.07% |
| LOC Fee | 0.28% | | | | 0.30% | 0.32% | 0.30% |
| All-In Rate | 2.44% | 3.28% | 3.28% | 3.28% | 2.37% | 2.55% | 2.44% |
| Par Amount | 83,760,000 | | 25,840,000 | | 60,200,000 | | 45,000,000 |

| | Percent of Total Variable Rate Debt | Par Outstanding | Weighted All-In Average Rate | Base Rate Average |
|---|---|----------------------|---------------------------------|----------------------|
| Daily | 51.77% | 111,200,000 | 2.43% | 2.05% |
| Weekly | 48.23% | 103,600,000 | 3.01% | 2.78% |
| | 100.00% | \$214,800,000 | 2.71% | 2.40% |
| Fixed | | | | |
| COPS 2016 | 27.84% | 105,710,000 | 2.90% | |
| BABS 2010 | 46.09% | 175,000,000 | 4.44% | (1) |
| SERIES 2016 | 26.07% | 98,980,000 | 3.32% | |
| | 100.00% | \$379,690,000 | 3.72% | |
| All-In Debt Rate Including \$60 Million Notional Amount of Swaps | | | | 3.38% |

(1) Rate adjusted up from 4.35% as a result of sequestration reducing BAB's subsidy by 5.7%

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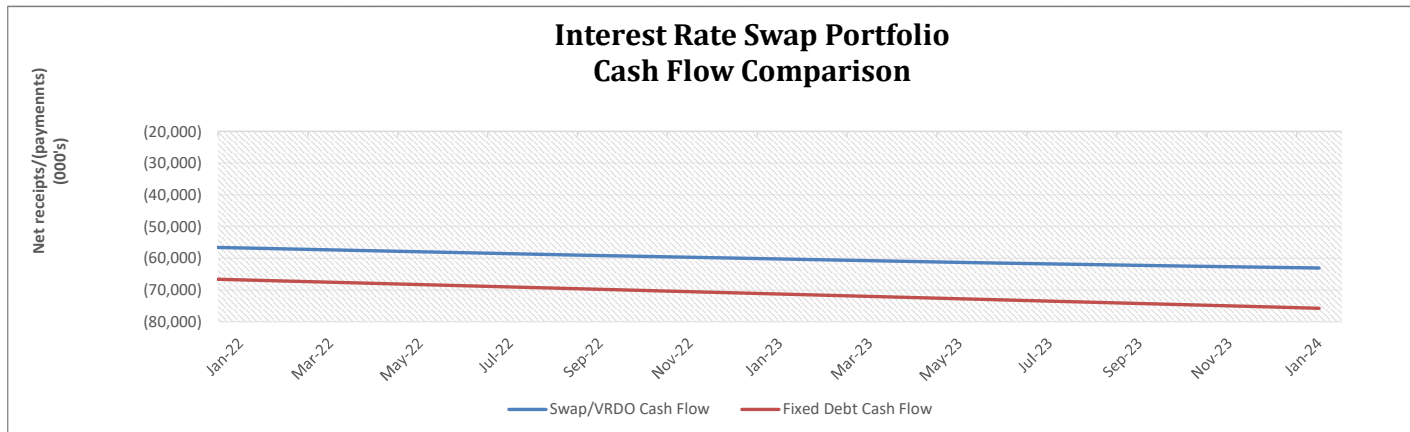
Exhibit "C"
Irvine Ranch Water District
Interest Rate Swap Summary
January 2024

| | Prior Mo. | Current Mo. | 12-Mo Avg |
|------------------|-----------|-------------|-----------|
| LIBOR Fibk Avg % | 5.47% | 5.45% | 5.21% |

| Current Fiscal Year Active Swaps | | | | | | | | Cash Flow | | | | Mark to Market | |
|--|---------------|-------------------|---------------|----------------------|----------------------|------------|---------------|--------------------|--------------------|--------------------|--|------------------------|-----------------------|
| Effective Date | Maturity Date | Years to Maturity | Counter Party | Notional Amt | Type | Base Index | Fixed Rate | Prior Month | Current Month | Fiscal YTD | (Since 3/07) Cumulative Net Accrual | Current Mark to Market | Notional Difference |
| Fixed Payer Swaps - By Effective Date | | | | | | | | | | | | | |
| 3/10/2007 | 3/10/2029 | 5.1 | ML | 30,000,000 | FXP | LIBOR | 5.687% | (5,719) | (6,007) | (44,353) | (21,967,323) | 27,281,803 | (2,718,197) |
| 3/10/2007 | 3/10/2029 | 5.1 | CG | 30,000,000 | FXP | LIBOR | 5.687% | (5,719) | (6,007) | (44,146) | (21,967,116) | 27,286,605 | (2,713,395) |
| Totals/Weighted Avgs | | | | 5.1 | \$ 60,000,000 | | 5.687% | \$ (11,438) | \$ (12,014) | \$ (88,499) | \$ (43,934,438) | \$ 54,568,408 | \$ (5,431,592) |
| Total Current Year Active Swaps | | | | \$ 60,000,000 | | | | \$ (11,438) | \$ (12,014) | \$ (88,499) | \$ (43,934,438) | \$ 54,568,408 | \$ (5,431,592) |

| Current Fiscal Year Terminated Swaps | | | | | | | | Cash Flow | | | | Mark to Market | |
|--|---------------|--|---------------|--------------|------|------------|------------|-------------|---------------|-------------|------------------------|------------------------|---------------------|
| Effective Date | Maturity Date | | Counter Party | Notional Amt | Type | Base Index | Fixed Rate | Prior Month | Current Month | Fiscal YTD | Cumulative Net Accrual | Current Mark to Market | Notional Difference |
| Total Current Year Terminated Swaps | | | | | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

| Current Fiscal Year - Total Swaps | | | | | | | | Cash Flow | | | | Mark to Market | |
|---|---------------|--|---------------|----------------------|------|------------|------------|--------------------|--------------------|--------------------|------------------------|------------------------|-----------------------|
| Effective Date | Maturity Date | | Counter Party | Notional Amt | Type | Base Index | Fixed Rate | Prior Month | Current Month | Fiscal YTD | Cumulative Net Accrual | Current Mark to Market | Notional Difference |
| Total Current Year Active & Terminated Swaps | | | | \$ 60,000,000 | | | | \$ (11,438) | \$ (12,014) | \$ (88,499) | \$ (43,934,438) | \$ 54,568,408 | \$ (5,431,592) |



| Cash Flow Comparison Synthetic Fixed vs. Fixed Rate Debt | |
|---|--------------|
| <u>Cash Flow to Date</u> | |
| Synthetic Fixed = | \$63,120,559 |
| Fixed Rate = | \$75,826,343 |
| <u>Assumptions:</u> | |
| - Fixed rate debt issued at 4.93% in Mar-07 (estimated TE rate - Bloomberg) | |
| - 'Synthetic' includes swap cash flow + interest + fees to date | |

Note: This page is intentionally left blank.

Exhibit "D"

IRVINE RANCH WATER DISTRICT AP DISBURSEMENTS AND VOIDS FOR JANUARY 2024

| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|-----------------------|--------------|--|----------------|---------------------------------|------------|
| 440235 | 4-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 30.02 | IRWD Wells Fargo Check No Print | Reconciled |
| 440236 | 4-Jan-24 | 8X8 INC | 651.15 | IRWD Wells Fargo Check No Print | Reconciled |
| 440237 | 4-Jan-24 | AIRGAS, INC. | 2,668.41 | IRWD Wells Fargo Check No Print | Reconciled |
| 440238 | 4-Jan-24 | ALL AMERICAN ASPHALT | 1,540.53 | IRWD Wells Fargo Check No Print | Reconciled |
| 440239 | 4-Jan-24 | AMAYA SOLUTIONS INC. | 16,385.54 | IRWD Wells Fargo Check No Print | Reconciled |
| 440240 | 4-Jan-24 | ANDRITZ SEPARATION, INC. | 6,740.65 | IRWD Wells Fargo Check No Print | Reconciled |
| 440241 | 4-Jan-24 | ANTHONY N. LARSEN | 915.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440242 | 4-Jan-24 | AQUATRAX LLC | 21,668.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440243 | 4-Jan-24 | ARIZONA PIPELINE | 450.87 | IRWD Wells Fargo Check No Print | Reconciled |
| 440244 | 4-Jan-24 | AT&T CORP | 858.56 | IRWD Wells Fargo Check No Print | Reconciled |
| 440245 | 4-Jan-24 | AT&T CORP | 62.38 | IRWD Wells Fargo Check No Print | Reconciled |
| 440246 | 4-Jan-24 | AUTOZONE PARTS, INC. | 535.79 | IRWD Wells Fargo Check No Print | Reconciled |
| 440247 | 4-Jan-24 | AVIAT U.S., INC | 5,345.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440248 | 4-Jan-24 | B & H PHOTO VIDEO | 1,026.55 | IRWD Wells Fargo Check No Print | Reconciled |
| 440249 | 4-Jan-24 | BLUEBEAM, INC | 399.99 | IRWD Wells Fargo Check No Print | Reconciled |
| 440250 | 4-Jan-24 | BONK, RICHARD J | 153.64 | IRWD Wells Fargo Check No Print | Reconciled |
| 440251 | 4-Jan-24 | BPS SUPPLY GROUP | 8,506.31 | IRWD Wells Fargo Check No Print | Reconciled |
| 440252 | 4-Jan-24 | BRIAN HOMSY | 1,475.60 | IRWD Wells Fargo Check No Print | Reconciled |
| 440253 | 4-Jan-24 | BROWN AND CALDWELL | 2,453.75 | IRWD Wells Fargo Check No Print | Reconciled |
| 440254 | 4-Jan-24 | BURLINGTON SAFETY LABORATORY OF CALIFORNIA INC | 1,282.73 | IRWD Wells Fargo Check No Print | Reconciled |
| 440255 | 4-Jan-24 | C BELOW INC | 18,525.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440256 | 4-Jan-24 | CALPINE CORPORATION | 594,753.32 | IRWD Wells Fargo Check No Print | Reconciled |
| 440257 | 4-Jan-24 | CANON SOLUTIONS AMERICA, INC | 902.21 | IRWD Wells Fargo Check No Print | Reconciled |
| 440258 | 4-Jan-24 | CHEM TECH INTERNATIONAL INC | 9,590.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440259 | 4-Jan-24 | CITY OF NEWPORT BEACH | 2,272.45 | IRWD Wells Fargo Check No Print | Reconciled |
| 440260 | 4-Jan-24 | CITY OF ORANGE | 279.99 | IRWD Wells Fargo Check No Print | Reconciled |
| 440261 | 4-Jan-24 | CLIFFORD MORIYAMA | 5,000.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440262 | 4-Jan-24 | COX COMMUNICATIONS, INC. | 3,430.45 | IRWD Wells Fargo Check No Print | Reconciled |
| 440263 | 4-Jan-24 | D & H WATER SYSTEMS INC. | 29,492.50 | IRWD Wells Fargo Check No Print | Reconciled |
| 440264 | 4-Jan-24 | DCS MANAGEMENT LLC | 2,441.11 | IRWD Wells Fargo Check No Print | Reconciled |
| 440265 | 4-Jan-24 | DEALERS SERVICE COMPANY, INC | 4,411.78 | IRWD Wells Fargo Check No Print | Reconciled |
| 440266 | 4-Jan-24 | DEZURIK INC. | 4,584.44 | IRWD Wells Fargo Check No Print | Reconciled |
| 440267 | 4-Jan-24 | DIRECTV INC | 318.48 | IRWD Wells Fargo Check No Print | Reconciled |
| 440268 | 4-Jan-24 | EAGLE PRINT DYNAMICS | 14,810.04 | IRWD Wells Fargo Check No Print | Reconciled |
| 440269 | 4-Jan-24 | EAST ORANGE COUNTY WATER DISTRICT | 2,032.10 | IRWD Wells Fargo Check No Print | Reconciled |
| 440270 | 4-Jan-24 | ELITE AUTOMOTIVE SERVICE, LLC | 307.57 | IRWD Wells Fargo Check No Print | Reconciled |
| 440271 | 4-Jan-24 | E endemic ENVIRONMENTAL SERVICES, INC. | 10,440.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440272 | 4-Jan-24 | ENOTEC INC. | 20,420.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440273 | 4-Jan-24 | ENVIRONMENTAL SCIENCE ASSOCIATES | 21,467.38 | IRWD Wells Fargo Check No Print | Reconciled |
| 440274 | 4-Jan-24 | EUROFINS EATON ANALYTICAL, INC. | 300.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440275 | 4-Jan-24 | FARRELL & ASSOCIATES | 109.33 | IRWD Wells Fargo Check No Print | Reconciled |
| 440276 | 4-Jan-24 | FASTBLUE COMMUNICATIONS INC. | 1,988.72 | IRWD Wells Fargo Check No Print | Reconciled |
| 440277 | 4-Jan-24 | FENG, RONG | 1.36 | IRWD Wells Fargo Check No Print | Reconciled |
| 440278 | 4-Jan-24 | FISHER SCIENTIFIC COMPANY LLC | 5,892.90 | IRWD Wells Fargo Check No Print | Reconciled |
| 440279 | 4-Jan-24 | FRONTIER CALIFORNIA INC. | 407.87 | IRWD Wells Fargo Check No Print | Reconciled |
| 440280 | 4-Jan-24 | GARY BALE REDI-MIX CONCRETE, INC. | 2,315.66 | IRWD Wells Fargo Check No Print | Reconciled |
| 440281 | 4-Jan-24 | GEA MECHANICAL EQUIPMENT US, INC. | 4,555.20 | IRWD Wells Fargo Check No Print | Reconciled |
| 440282 | 4-Jan-24 | GEI CONSULTANTS INC | 740.96 | IRWD Wells Fargo Check No Print | Reconciled |
| 440283 | 4-Jan-24 | GEIGER BROS | 1,360.03 | IRWD Wells Fargo Check No Print | Reconciled |
| 440284 | 4-Jan-24 | GRAINGER | 6,264.17 | IRWD Wells Fargo Check No Print | Reconciled |
| 440285 | 4-Jan-24 | GRAYBAR ELECTRIC COMPANY | 9,382.82 | IRWD Wells Fargo Check No Print | Reconciled |
| 440286 | 4-Jan-24 | HACH COMPANY | 8,088.33 | IRWD Wells Fargo Check No Print | Reconciled |
| 440287 | 4-Jan-24 | HARDY & HARPER, INC. | 26,615.16 | IRWD Wells Fargo Check No Print | Reconciled |
| 440288 | 4-Jan-24 | HDR ENGINEERING INC | 39,852.48 | IRWD Wells Fargo Check No Print | Reconciled |
| 440289 | 4-Jan-24 | HI-LINE INC | 351.21 | IRWD Wells Fargo Check No Print | Reconciled |
| 440290 | 4-Jan-24 | HICKS, MARK | 532.08 | IRWD Wells Fargo Check No Print | Reconciled |
| 440291 | 4-Jan-24 | HOME DEPOT USA INC | 981.52 | IRWD Wells Fargo Check No Print | Reconciled |
| 440292 | 4-Jan-24 | HOME DEPOT USA INC | 205.65 | IRWD Wells Fargo Check No Print | Reconciled |
| 440293 | 4-Jan-24 | HYDRANAUTICS | 89,793.64 | IRWD Wells Fargo Check No Print | Reconciled |
| 440294 | 4-Jan-24 | IDENTISYS INCORPORATED | 14,629.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440295 | 4-Jan-24 | INDUSTRIAL METAL SUPPLY CO | 213.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440296 | 4-Jan-24 | INTERPRO SOLUTIONS, LLC. | 4,200.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440297 | 4-Jan-24 | IRVINE COMPANY APARTMENT | 1,585.72 | IRWD Wells Fargo Check No Print | Reconciled |
| 440298 | 4-Jan-24 | IRVINE COMPANY APARTMENT DEVELOPMENT | 1,874.32 | IRWD Wells Fargo Check No Print | Reconciled |
| 440299 | 4-Jan-24 | JENNY, KENNETH L | 39.03 | IRWD Wells Fargo Check No Print | Reconciled |
| 440300 | 4-Jan-24 | JUST ENERGY SOLUTIONS INC. | 141.98 | IRWD Wells Fargo Check No Print | Reconciled |
| 440301 | 4-Jan-24 | JW CONTRACTING INC | 1,148.58 | IRWD Wells Fargo Check No Print | Negotiable |
| 440302 | 4-Jan-24 | KAN VENTURES, INC | 15,500.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440303 | 4-Jan-24 | KILL-N-BUGS TERMITE AND PEST CONTROL SERVICES | 800.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440304 | 4-Jan-24 | KIMBALL MIDWEST | 1,415.37 | IRWD Wells Fargo Check No Print | Reconciled |
| 440305 | 4-Jan-24 | LEIGHTON CONSULTING, INC. | 1,923.50 | IRWD Wells Fargo Check No Print | Reconciled |
| 440306 | 4-Jan-24 | LILLESTRAND LEADERSHIP CONSULTING, INC. | 13,500.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440307 | 4-Jan-24 | LINDE GAS & EQUIPMENT INC. | 14,898.46 | IRWD Wells Fargo Check No Print | Reconciled |
| 440308 | 4-Jan-24 | LSA ASSOCIATES INC | 6,308.75 | IRWD Wells Fargo Check No Print | Reconciled |
| 440309 | 4-Jan-24 | LUBRICATION ENGINEERS | 3,433.66 | IRWD Wells Fargo Check No Print | Reconciled |
| 440310 | 4-Jan-24 | MARK THOMAS & COMPANY, INC. | 4,334.84 | IRWD Wells Fargo Check No Print | Reconciled |
| 440311 | 4-Jan-24 | MEADE, RICK | 723.08 | IRWD Wells Fargo Check No Print | Reconciled |
| 440312 | 4-Jan-24 | MEASUREMENT CONTROL SYSTEMS | 390.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440313 | 4-Jan-24 | MICHAEL K. NUNLEY & ASSOCIATES, INC. | 797.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440314 | 4-Jan-24 | MILLS, DAVID | 189.81 | IRWD Wells Fargo Check No Print | Reconciled |
| 440315 | 4-Jan-24 | MISSION COMMUNICATIONS, LLC | 14,709.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440316 | 4-Jan-24 | MSC INDUSTRIAL SUPPLY CO | 1,455.94 | IRWD Wells Fargo Check No Print | Reconciled |
| 440317 | 4-Jan-24 | NATIONAL OILWELL VARCO, L.P. | 6,097.41 | IRWD Wells Fargo Check No Print | Reconciled |

IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR JANUARY 2024

| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|-----------------------|--------------|--|----------------|---------------------------------|------------|
| 440318 | 4-Jan-24 | NATIONAL PLANT SERVICES, INC. | 11,400.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440319 | 4-Jan-24 | NATIONAL SAFETY COMPLIANCE, INC | 30.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440320 | 4-Jan-24 | NEW DIMENSION GENERAL CONSTRUCTION, INC. | 40,414.15 | IRWD Wells Fargo Check No Print | Reconciled |
| 440321 | 4-Jan-24 | NIXON-EGLI EQUIPMENT COMPANY INC. | 9,009.20 | IRWD Wells Fargo Check No Print | Reconciled |
| 440322 | 4-Jan-24 | NOVA GEOTECHNICAL AND INSPECTION SERVICES | 1,400.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440323 | 4-Jan-24 | NOVA GEOTECHNICAL AND INSPECTION SERVICES | 1,164.50 | IRWD Wells Fargo Check No Print | Reconciled |
| 440324 | 4-Jan-24 | ONESOURCE DISTRIBUTORS LLC | 4,819.64 | IRWD Wells Fargo Check No Print | Reconciled |
| 440325 | 4-Jan-24 | ORACLE AMERICA, INC. | 3,368.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440326 | 4-Jan-24 | ORANGE COUNTY FIRE PROTECTION | 12,870.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440327 | 4-Jan-24 | ORANGE COUNTY WATER ASSOCIATION | 250.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440328 | 4-Jan-24 | PAYMENTUS CORPORATION | 73,543.59 | IRWD Wells Fargo Check No Print | Reconciled |
| 440329 | 4-Jan-24 | PAYNE & FEARS LLP | 3,555.87 | IRWD Wells Fargo Check No Print | Reconciled |
| 440330 | 4-Jan-24 | PEIKOFF, CYNTHIA | 58.03 | IRWD Wells Fargo Check No Print | Negotiable |
| 440331 | 4-Jan-24 | PILAR ONATE | 17,400.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440332 | 4-Jan-24 | PINNACLE TOWERS LLC | 911.53 | IRWD Wells Fargo Check No Print | Reconciled |
| 440333 | 4-Jan-24 | POLSKY, ANDREW | 250.60 | IRWD Wells Fargo Check No Print | Reconciled |
| 440334 | 4-Jan-24 | PONTON INDUSTRIES INC | 36,187.22 | IRWD Wells Fargo Check No Print | Reconciled |
| 440335 | 4-Jan-24 | PRUDENTIAL OVERALL SUPPLY | 321.60 | IRWD Wells Fargo Check No Print | Reconciled |
| 440336 | 4-Jan-24 | PULTE GROUP | 76.31 | IRWD Wells Fargo Check No Print | Negotiable |
| 440337 | 4-Jan-24 | REPORT IT, LLC | 1,440.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440338 | 4-Jan-24 | RHINO SAFETY SOLUTIONS, INC | 1,250.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440339 | 4-Jan-24 | RICHARD C. SLADE & ASSOCIATES LLC | 16,005.80 | IRWD Wells Fargo Check No Print | Negotiable |
| 440340 | 4-Jan-24 | ROBERT HALF INC. | 12,095.93 | IRWD Wells Fargo Check No Print | Reconciled |
| 440341 | 4-Jan-24 | SANTA MARGARITA FORD | 327.07 | IRWD Wells Fargo Check No Print | Reconciled |
| 440342 | 4-Jan-24 | SCHOR, TRACIE | 1,323.46 | IRWD Wells Fargo Check No Print | Reconciled |
| 440343 | 4-Jan-24 | SEAL ANALYTICAL INC | 989.58 | IRWD Wells Fargo Check No Print | Reconciled |
| 440344 | 4-Jan-24 | SECURITAS SECURITY SERVICES USA, INC. | 1,623.09 | IRWD Wells Fargo Check No Print | Reconciled |
| 440345 | 4-Jan-24 | SELMAN DZURLIC AND AMELIA CEJZAM | 32.20 | IRWD Wells Fargo Check No Print | Negotiable |
| 440346 | 4-Jan-24 | SKYPARK MANAGEMENT LLC | 1,039.79 | IRWD Wells Fargo Check No Print | Reconciled |
| 440347 | 4-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 429,915.17 | IRWD Wells Fargo Check No Print | Reconciled |
| 440348 | 4-Jan-24 | SOUTHERN CALIFORNIA GAS COMPANY | 244.91 | IRWD Wells Fargo Check No Print | Reconciled |
| 440349 | 4-Jan-24 | SOUTHERN CALIFORNIA SECURITY CENTERS, INC. | 300.62 | IRWD Wells Fargo Check No Print | Reconciled |
| 440350 | 4-Jan-24 | SOUTHERN COUNTIES LUBRICANTS LLC | 887.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440351 | 4-Jan-24 | SOUTHSIDE TOWING | 2,887.50 | IRWD Wells Fargo Check No Print | Reconciled |
| 440352 | 4-Jan-24 | SOUTHWESTERN INDUSTRIES, INC. | 1,655.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440353 | 4-Jan-24 | SPARK HIRE, INC. | 819.62 | IRWD Wells Fargo Check No Print | Reconciled |
| 440354 | 4-Jan-24 | SPARKLETTS | 208.34 | IRWD Wells Fargo Check No Print | Reconciled |
| 440355 | 4-Jan-24 | STAER, ARSENIO | 278.35 | IRWD Wells Fargo Check No Print | Reconciled |
| 440356 | 4-Jan-24 | STANFORD COURT APARTMENTS | 54.40 | IRWD Wells Fargo Check No Print | Negotiable |
| 440357 | 4-Jan-24 | STANTEC ARCHITECTURE INC | 6,086.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440358 | 4-Jan-24 | STANTEC CONSULTING SERVICES INC. | 4,491.75 | IRWD Wells Fargo Check No Print | Reconciled |
| 440359 | 4-Jan-24 | STEVEN WELCH | 540.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440360 | 4-Jan-24 | STONE, ZACHARY | 888.95 | IRWD Wells Fargo Check No Print | Reconciled |
| 440361 | 4-Jan-24 | TAIT ENVIRONMENTAL SERVICES, INC. | 420.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440362 | 4-Jan-24 | TECHNOLOGY INTEGRATION GROUP | 792.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440363 | 4-Jan-24 | TELEDYNE INSTRUMENTS, INC. | 1,681.41 | IRWD Wells Fargo Check No Print | Reconciled |
| 440364 | 4-Jan-24 | THE FORGE MEDIA GROUP LLC | 18,975.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440365 | 4-Jan-24 | TIC-IPG-COMMON | 1,432.21 | IRWD Wells Fargo Check No Print | Negotiable |
| 440366 | 4-Jan-24 | TIC-OFFICE PROPERTIES | 2,431.47 | IRWD Wells Fargo Check No Print | Negotiable |
| 440367 | 4-Jan-24 | TIC-SPECTRUM OFFICE | 328.44 | IRWD Wells Fargo Check No Print | Negotiable |
| 440368 | 4-Jan-24 | TITUS WASTEWATER SOLUTIONS, INC. | 19,100.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440369 | 4-Jan-24 | TK ELEVATOR CORPORATION | 2,389.54 | IRWD Wells Fargo Check No Print | Reconciled |
| 440370 | 4-Jan-24 | TOLL BROS., INC. | 4,078.84 | IRWD Wells Fargo Check No Print | Reconciled |
| 440371 | 4-Jan-24 | TOMLINS & SONS | 182.09 | IRWD Wells Fargo Check No Print | Reconciled |
| 440372 | 4-Jan-24 | TRUMARK HOMES | 27.85 | IRWD Wells Fargo Check No Print | Reconciled |
| 440373 | 4-Jan-24 | TUSTIN TOYOTA | 3,774.82 | IRWD Wells Fargo Check No Print | Reconciled |
| 440374 | 4-Jan-24 | UNITED PARCEL SERVICE INC | 92.72 | IRWD Wells Fargo Check No Print | Reconciled |
| 440375 | 4-Jan-24 | UNIVAR SOLUTIONS USA INC. | 12,790.80 | IRWD Wells Fargo Check No Print | Reconciled |
| 440376 | 4-Jan-24 | USA BLUEBOOK | 285.54 | IRWD Wells Fargo Check No Print | Reconciled |
| 440377 | 4-Jan-24 | USA WASTE OF CALIFORNIA, INC. | 5,229.10 | IRWD Wells Fargo Check No Print | Reconciled |
| 440378 | 4-Jan-24 | VAN HORN, MICHELLE | 384.81 | IRWD Wells Fargo Check No Print | Negotiable |
| 440379 | 4-Jan-24 | VERIZON WIRELESS SERVICES LLC | 20,224.26 | IRWD Wells Fargo Check No Print | Reconciled |
| 440380 | 4-Jan-24 | VILLA SIENA APTS | 234.48 | IRWD Wells Fargo Check No Print | Negotiable |
| 440381 | 4-Jan-24 | VULCAN MATERIALS COMPANY | 2,154.99 | IRWD Wells Fargo Check No Print | Reconciled |
| 440382 | 4-Jan-24 | VWR INTERNATIONAL, LLC | 6,716.71 | IRWD Wells Fargo Check No Print | Reconciled |
| 440383 | 4-Jan-24 | WALTERS WHOLESALE ELECTRIC | 186.60 | IRWD Wells Fargo Check No Print | Reconciled |
| 440384 | 4-Jan-24 | WAXIE'S ENTERPRISES, INC | 1,025.44 | IRWD Wells Fargo Check No Print | Reconciled |
| 440385 | 4-Jan-24 | WCT PRODUCTS, INC. | 619.62 | IRWD Wells Fargo Check No Print | Reconciled |
| 440386 | 4-Jan-24 | WEST COAST SAND & GRAVEL INC. | 3,136.66 | IRWD Wells Fargo Check No Print | Reconciled |
| 440387 | 4-Jan-24 | WOODBRIIDGE PINES APTS | 548.18 | IRWD Wells Fargo Check No Print | Negotiable |
| 440388 | 4-Jan-24 | WOODBRIIDGE WILLOWS APARTMENTS | 44.13 | IRWD Wells Fargo Check No Print | Negotiable |
| 440389 | 4-Jan-24 | WU, CHARLES | 6.91 | IRWD Wells Fargo Check No Print | Reconciled |
| 440390 | 4-Jan-24 | YUNMI MARTIN | 7,500.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440391 | 4-Jan-24 | ZEBRON CONTRACTING INC | 52,360.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440392 | 4-Jan-24 | FRANCHISE TAX BOARD | 1,022.64 | IRWD Wells Fargo Check | Reconciled |
| 440393 | 4-Jan-24 | HARTFORD LIFE AND ACCIDENT INSURANCE COMPANY | 44.19 | IRWD Wells Fargo Check | Reconciled |
| 440394 | 4-Jan-24 | INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS LOCAL 47 | 5,952.35 | IRWD Wells Fargo Check | Reconciled |
| 440395 | 4-Jan-24 | PALO VERDE IRRIGATION DISTRICT | 5,690.00 | IRWD Wells Fargo Check | Reconciled |
| 440396 | 4-Jan-24 | PERS LONG TERM CARE | 661.00 | IRWD Wells Fargo Check | Reconciled |
| 440397 | 11-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 747.66 | IRWD Wells Fargo Check No Print | Reconciled |
| 440398 | 11-Jan-24 | 8X8 INC | 11,690.92 | IRWD Wells Fargo Check No Print | Reconciled |
| 440399 | 11-Jan-24 | ABC ICE, INC | 192.23 | IRWD Wells Fargo Check No Print | Reconciled |
| 440400 | 11-Jan-24 | AIRGAS, INC. | 926.43 | IRWD Wells Fargo Check No Print | Reconciled |

IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR JANUARY 2024

| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|-----------------------|--------------|--|----------------|---------------------------------|------------|
| 440401 | 11-Jan-24 | ANDERSON AND HOWARD ELECTRIC, INC | 7,550.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440402 | 11-Jan-24 | AQUA-METRIC SALES COMPANY | 4,798.10 | IRWD Wells Fargo Check No Print | Reconciled |
| 440403 | 11-Jan-24 | AT&T CORP | 5,008.43 | IRWD Wells Fargo Check No Print | Reconciled |
| 440404 | 11-Jan-24 | AT&T CORP | 1,571.64 | IRWD Wells Fargo Check No Print | Reconciled |
| 440405 | 11-Jan-24 | AT&T CORP | 230.07 | IRWD Wells Fargo Check No Print | Reconciled |
| 440406 | 11-Jan-24 | AT&T MOBILITY | 150.05 | IRWD Wells Fargo Check No Print | Reconciled |
| 440407 | 11-Jan-24 | ATHENS SERVICES | 14,903.36 | IRWD Wells Fargo Check No Print | Reconciled |
| 440408 | 11-Jan-24 | AUTOZONE PARTS, INC. | 955.37 | IRWD Wells Fargo Check No Print | Reconciled |
| 440409 | 11-Jan-24 | BARISH LOGUE, BARBARA | 20.78 | IRWD Wells Fargo Check No Print | Negotiable |
| 440410 | 11-Jan-24 | BLAIRS TOWING INC | 1,030.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440411 | 11-Jan-24 | BLOOMBERG FINANCE LP | 14,775.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440412 | 11-Jan-24 | BLUEBEAM, INC | 666.65 | IRWD Wells Fargo Check No Print | Reconciled |
| 440413 | 11-Jan-24 | BOBERG ENGINEERING AND CONTACTING INC | 1,470.69 | IRWD Wells Fargo Check No Print | Reconciled |
| 440414 | 11-Jan-24 | BONNIE RICHMOND | 105.71 | IRWD Wells Fargo Check No Print | Negotiable |
| 440415 | 11-Jan-24 | C WELLS PIPELINE MATERIALS INC | 590.47 | IRWD Wells Fargo Check No Print | Reconciled |
| 440416 | 11-Jan-24 | CANON SOLUTIONS AMERICA, INC | 5,207.61 | IRWD Wells Fargo Check No Print | Reconciled |
| 440417 | 11-Jan-24 | CASA EDUCATION FOUNDATION | 2,000.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440418 | 11-Jan-24 | CHEM SERVICE INC. | 408.50 | IRWD Wells Fargo Check No Print | Reconciled |
| 440419 | 11-Jan-24 | CHO DESIGN ASSOCIATES, INC | 5,400.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440420 | 11-Jan-24 | CITY OF SANTA ANA | 337,039.88 | IRWD Wells Fargo Check No Print | Reconciled |
| 440421 | 11-Jan-24 | CLA-VAL COMPANY | 68,286.61 | IRWD Wells Fargo Check No Print | Reconciled |
| 440422 | 11-Jan-24 | CLEAN ENERGY | 6,312.61 | IRWD Wells Fargo Check No Print | Reconciled |
| 440423 | 11-Jan-24 | CLIFFORD MORIYAMA | 5,000.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440424 | 11-Jan-24 | COUNTY OF ORANGE | 6,838.99 | IRWD Wells Fargo Check No Print | Reconciled |
| 440425 | 11-Jan-24 | CR & R INCORPORATED | 521.65 | IRWD Wells Fargo Check No Print | Reconciled |
| 440426 | 11-Jan-24 | CURATIVE I.T. LLC | 702.13 | IRWD Wells Fargo Check No Print | Reconciled |
| 440427 | 11-Jan-24 | DEALERS SERVICE COMPANY, INC | 697.39 | IRWD Wells Fargo Check No Print | Reconciled |
| 440428 | 11-Jan-24 | DIRECTV INC | 152.99 | IRWD Wells Fargo Check No Print | Reconciled |
| 440429 | 11-Jan-24 | DISCOVERY SCIENCE CENTER OF ORANGE COUNTY | 8,062.36 | IRWD Wells Fargo Check No Print | Reconciled |
| 440430 | 11-Jan-24 | ECHURYAN, SYLVIA | 722.76 | IRWD Wells Fargo Check No Print | Reconciled |
| 440431 | 11-Jan-24 | ECO SERVICES LLC | 4,021.36 | IRWD Wells Fargo Check No Print | Reconciled |
| 440432 | 11-Jan-24 | ENEL X ADVISORY SERVICES NORTH AMERICA, INC. | 3,000.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440433 | 11-Jan-24 | ENVIRONMENTAL EXPRESS INC | 2,561.18 | IRWD Wells Fargo Check No Print | Reconciled |
| 440434 | 11-Jan-24 | ENVIRONMENTAL RESOURCE ASSOCIATES | 170.10 | IRWD Wells Fargo Check No Print | Reconciled |
| 440435 | 11-Jan-24 | FARWEST CORROSION CONTROL COMPANY | 6,103.36 | IRWD Wells Fargo Check No Print | Reconciled |
| 440436 | 11-Jan-24 | FEDEX | 802.19 | IRWD Wells Fargo Check No Print | Reconciled |
| 440437 | 11-Jan-24 | FISHER SCIENTIFIC COMPANY LLC | 7,677.81 | IRWD Wells Fargo Check No Print | Reconciled |
| 440438 | 11-Jan-24 | GATES, WILLIAM | 118.64 | IRWD Wells Fargo Check No Print | Reconciled |
| 440439 | 11-Jan-24 | GOTHIC LANDSCAPE | 3,441.14 | IRWD Wells Fargo Check No Print | Reconciled |
| 440440 | 11-Jan-24 | GRAINGER | 5,564.82 | IRWD Wells Fargo Check No Print | Reconciled |
| 440441 | 11-Jan-24 | GSRP ST SOLAR I LLC | 8,381.77 | IRWD Wells Fargo Check No Print | Reconciled |
| 440442 | 11-Jan-24 | HACH COMPANY | 13,442.57 | IRWD Wells Fargo Check No Print | Reconciled |
| 440443 | 11-Jan-24 | HARDY & HARPER, INC. | 41,816.75 | IRWD Wells Fargo Check No Print | Reconciled |
| 440444 | 11-Jan-24 | HDR ENGINEERING INC | 21,515.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440445 | 11-Jan-24 | HENKELS & MCCOY WEST LLC | 623.69 | IRWD Wells Fargo Check No Print | Reconciled |
| 440446 | 11-Jan-24 | HI-LINE INC | 961.81 | IRWD Wells Fargo Check No Print | Reconciled |
| 440447 | 11-Jan-24 | HOME DEPOT USA INC | 1,596.82 | IRWD Wells Fargo Check No Print | Reconciled |
| 440448 | 11-Jan-24 | HOME DEPOT USA INC | 415.59 | IRWD Wells Fargo Check No Print | Reconciled |
| 440449 | 11-Jan-24 | HUANG, XIAO | 87.07 | IRWD Wells Fargo Check No Print | Reconciled |
| 440450 | 11-Jan-24 | INDUSTRIAL HEAT TECHNOLOGIES, INC. | 2,094.88 | IRWD Wells Fargo Check No Print | Reconciled |
| 440451 | 11-Jan-24 | INTERNATIONAL ACCREDITATION SERVICE, INC | 5,500.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440452 | 11-Jan-24 | IRVINE PACIFIC | 240.85 | IRWD Wells Fargo Check No Print | Reconciled |
| 440453 | 11-Jan-24 | IRVINE UNIFIED SCHOOL DISTRICT | 503.48 | IRWD Wells Fargo Check No Print | Negotiable |
| 440454 | 11-Jan-24 | J & R CONCRETE PRODUCTS, INC. | 6,842.13 | IRWD Wells Fargo Check No Print | Reconciled |
| 440455 | 11-Jan-24 | JONES, MICHAEL | 60.77 | IRWD Wells Fargo Check No Print | Reconciled |
| 440456 | 11-Jan-24 | KB HOMES | 448.37 | IRWD Wells Fargo Check No Print | Negotiable |
| 440457 | 11-Jan-24 | KILL-N-BUGS TERMITE AND PEST CONTROL SERVICES | 3,121.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440458 | 11-Jan-24 | KROHNE, INC | 1,838.90 | IRWD Wells Fargo Check No Print | Reconciled |
| 440459 | 11-Jan-24 | LANDSEA HOMES | 776.24 | IRWD Wells Fargo Check No Print | Negotiable |
| 440460 | 11-Jan-24 | LENNAR HOMES OF CALIFORNIA, INC. | 31.44 | IRWD Wells Fargo Check No Print | Reconciled |
| 440461 | 11-Jan-24 | LINDE GAS & EQUIPMENT INC. | 2,480.77 | IRWD Wells Fargo Check No Print | Reconciled |
| 440462 | 11-Jan-24 | LU'S LIGHTHOUSE, INC. | 895.42 | IRWD Wells Fargo Check No Print | Reconciled |
| 440463 | 11-Jan-24 | MARTIN, PAULINE Y | 541.18 | IRWD Wells Fargo Check No Print | Reconciled |
| 440464 | 11-Jan-24 | MC FADDEN-DALE INDUSTRIAL | 1,560.81 | IRWD Wells Fargo Check No Print | Reconciled |
| 440465 | 11-Jan-24 | MC MASTER CARR SUPPLY CO | 782.10 | IRWD Wells Fargo Check No Print | Reconciled |
| 440466 | 11-Jan-24 | MICROSOFT CORPORATION | 24.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440467 | 11-Jan-24 | MORSOCO SUPPLY, LLC | 878.52 | IRWD Wells Fargo Check No Print | Reconciled |
| 440468 | 11-Jan-24 | MR CRANE INC | 1,316.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440469 | 11-Jan-24 | MYERS & SONS HI-WAY SAFETY, INC. | 4,196.83 | IRWD Wells Fargo Check No Print | Reconciled |
| 440470 | 11-Jan-24 | NALCO COMPANY LLC | 1,302.48 | IRWD Wells Fargo Check No Print | Reconciled |
| 440471 | 11-Jan-24 | NATIONAL READY MIXED CONCRETE SALES, LLC | 1,458.99 | IRWD Wells Fargo Check No Print | Reconciled |
| 440472 | 11-Jan-24 | NEW DIMENSION GENERAL CONSTRUCTION, INC. | 9,900.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440473 | 11-Jan-24 | NG, WAN SZE | 29.46 | IRWD Wells Fargo Check No Print | Negotiable |
| 440474 | 11-Jan-24 | NINYO & MOORE | 12,178.75 | IRWD Wells Fargo Check No Print | Reconciled |
| 440475 | 11-Jan-24 | NORTH COUNTY PLUMBING | 1,500.13 | IRWD Wells Fargo Check No Print | Reconciled |
| 440476 | 11-Jan-24 | OFFICE SOLUTIONS BUSINESS PRODUCTS & SERVICES LLC | 1,131.35 | IRWD Wells Fargo Check No Print | Reconciled |
| 440477 | 11-Jan-24 | ONESOURCE DISTRIBUTORS LLC | 6,474.82 | IRWD Wells Fargo Check No Print | Reconciled |
| 440478 | 11-Jan-24 | ORACLE AMERICA, INC. | 3,536.94 | IRWD Wells Fargo Check No Print | Reconciled |
| 440479 | 11-Jan-24 | ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT | 1,820.10 | IRWD Wells Fargo Check No Print | Reconciled |
| 440480 | 11-Jan-24 | PACIFIC EH&S SERVICES, INC. | 17,448.46 | IRWD Wells Fargo Check No Print | Reconciled |
| 440481 | 11-Jan-24 | PELLETIER & ASSOCIATES, INC. | 315.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440482 | 11-Jan-24 | PLON, HAROLD L | 137.60 | IRWD Wells Fargo Check No Print | Reconciled |
| 440483 | 11-Jan-24 | POLLARDWATER.COM | 694.46 | IRWD Wells Fargo Check No Print | Reconciled |

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| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|-----------------------|--------------|--|----------------|---------------------------------|------------|
| 440484 | 11-Jan-24 | PYUN, IRIS | 42.61 | IRWD Wells Fargo Check No Print | Reconciled |
| 440485 | 11-Jan-24 | R C FOSTER CORPORATION | 222,271.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440486 | 11-Jan-24 | REAL WATER CONSULTANTS INC. | 13,250.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440487 | 11-Jan-24 | RICHMOND AMERICAN HOMES OF MARYLAND, INC | 868.53 | IRWD Wells Fargo Check No Print | Reconciled |
| 440488 | 11-Jan-24 | ROBERT HALF INC. | 12,789.73 | IRWD Wells Fargo Check No Print | Reconciled |
| 440489 | 11-Jan-24 | ROJAS GENERAL CONSTRUCTION INC. | 976.42 | IRWD Wells Fargo Check No Print | Reconciled |
| 440490 | 11-Jan-24 | RS HUGHES COMPANY, INC. | 559.15 | IRWD Wells Fargo Check No Print | Reconciled |
| 440491 | 11-Jan-24 | SAFETY-KLEEN SYSTEMS, INC | 296.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440492 | 11-Jan-24 | SANTA MARGARITA FORD | 154.56 | IRWD Wells Fargo Check No Print | Reconciled |
| 440493 | 11-Jan-24 | SHAMROCK SUPPLY CO INC | 7.43 | IRWD Wells Fargo Check No Print | Reconciled |
| 440494 | 11-Jan-24 | SHOETERIA | 229.65 | IRWD Wells Fargo Check No Print | Reconciled |
| 440495 | 11-Jan-24 | SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT | 3,005.60 | IRWD Wells Fargo Check No Print | Reconciled |
| 440496 | 11-Jan-24 | SOUTH COAST WATER CO. | 95.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440497 | 11-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 898,148.20 | IRWD Wells Fargo Check No Print | Reconciled |
| 440498 | 11-Jan-24 | SOUTHERN CALIFORNIA GAS COMPANY | 24,993.23 | IRWD Wells Fargo Check No Print | Reconciled |
| 440499 | 11-Jan-24 | SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY | 6,440.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440500 | 11-Jan-24 | SPARKLETT'S | 147.19 | IRWD Wells Fargo Check No Print | Reconciled |
| 440501 | 11-Jan-24 | STANTEC CONSULTING SERVICES INC. | 2,862.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440502 | 11-Jan-24 | STATE NET | 2,646.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440503 | 11-Jan-24 | STERIS CORPORATION | 10,157.47 | IRWD Wells Fargo Check No Print | Reconciled |
| 440504 | 11-Jan-24 | STETSON ENGINEERS INC. | 1,891.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440505 | 11-Jan-24 | STEVEN WELCH | 205.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440506 | 11-Jan-24 | SUN CAL REAL ESTATE CORP | 32.67 | IRWD Wells Fargo Check No Print | Reconciled |
| 440507 | 11-Jan-24 | SYNAGRO-WWT, INC. | 96,203.58 | IRWD Wells Fargo Check No Print | Reconciled |
| 440508 | 11-Jan-24 | TANG, ERIC | 364.48 | IRWD Wells Fargo Check No Print | Negotiable |
| 440509 | 11-Jan-24 | TANKVISIONS, INC | 30.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440510 | 11-Jan-24 | TITUS WASTEWATER SOLUTIONS, INC. | 11,971.50 | IRWD Wells Fargo Check No Print | Reconciled |
| 440511 | 11-Jan-24 | TOMLINS & SONS | 54.23 | IRWD Wells Fargo Check No Print | Reconciled |
| 440512 | 11-Jan-24 | TRIPAC MARKETING INC | 552.63 | IRWD Wells Fargo Check No Print | Reconciled |
| 440513 | 11-Jan-24 | TROPICAL PLAZA NURSERY INC | 9,059.29 | IRWD Wells Fargo Check No Print | Reconciled |
| 440514 | 11-Jan-24 | TUSTIN TOYOTA | 971.32 | IRWD Wells Fargo Check No Print | Reconciled |
| 440515 | 11-Jan-24 | UNITED PARCEL SERVICE INC | 79.71 | IRWD Wells Fargo Check No Print | Reconciled |
| 440516 | 11-Jan-24 | UNITED PAVING CO | 1,663.43 | IRWD Wells Fargo Check No Print | Negotiable |
| 440517 | 11-Jan-24 | UNITED SITE SERVICES OF CALIFORNIA INC | 873.37 | IRWD Wells Fargo Check No Print | Reconciled |
| 440518 | 11-Jan-24 | UNIVAR SOLUTIONS USA INC. | 24,817.80 | IRWD Wells Fargo Check No Print | Reconciled |
| 440519 | 11-Jan-24 | URBAN WATER INSTITUTE INC | 3,000.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440520 | 11-Jan-24 | USA WASTE OF CALIFORNIA, INC. | 1,321.84 | IRWD Wells Fargo Check No Print | Reconciled |
| 440521 | 11-Jan-24 | VERIZON WIRELESS SERVICES LLC | 5,696.85 | IRWD Wells Fargo Check No Print | Reconciled |
| 440522 | 11-Jan-24 | VINCOR CONSTRUCTION INC. | 1,617.56 | IRWD Wells Fargo Check No Print | Reconciled |
| 440523 | 11-Jan-24 | VWR INTERNATIONAL, LLC | 101.88 | IRWD Wells Fargo Check No Print | Reconciled |
| 440524 | 11-Jan-24 | WALTERS, HEATHER | 114.41 | IRWD Wells Fargo Check No Print | Negotiable |
| 440525 | 11-Jan-24 | WASTE MANAGEMENT COLLECTIONS AND RECYCLING, INC. | 6,459.15 | IRWD Wells Fargo Check No Print | Reconciled |
| 440526 | 11-Jan-24 | WEST YOST & ASSOCIATES, INC. | 24,380.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440527 | 11-Jan-24 | WEST YOST & ASSOCIATES, INC. | 952.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440528 | 11-Jan-24 | WESTAIR GASES & EQUIPMENT, INC. | 42.80 | IRWD Wells Fargo Check No Print | Reconciled |
| 440529 | 11-Jan-24 | XYLEM WATER SOLUTIONS USA, INC. | 28,514.12 | IRWD Wells Fargo Check No Print | Reconciled |
| 440530 | 11-Jan-24 | AMERICAN FAMILY LIFE ASSURANCE COMPANY OF COLUMBUS | 1,704.02 | IRWD Wells Fargo Check | Reconciled |
| 440531 | 11-Jan-24 | UNITED HEALTHCARE INSURANCE COMPANY | 696.84 | IRWD Wells Fargo Check | Reconciled |
| 440532 | 17-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 29,100.60 | IRWD Wells Fargo Check | Reconciled |
| 440533 | 17-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 3,968.00 | IRWD Wells Fargo Check | Reconciled |
| 440534 | 17-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 17,344.10 | IRWD Wells Fargo Check | Reconciled |
| 440535 | 18-Jan-24 | 3V GEOMATICS INC. | 10,500.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440536 | 18-Jan-24 | ABERNETHY SCHWARTZ PARTNERS, LLC | 30,000.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440537 | 18-Jan-24 | ABRAHAM, AMIRA | 46.67 | IRWD Wells Fargo Check No Print | Reconciled |
| 440538 | 18-Jan-24 | ADS CORP. | 2,700.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440539 | 18-Jan-24 | AIR TECHNOLOGY LABORATORIES | 781.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440540 | 18-Jan-24 | AIRGAS, INC. | 4,335.79 | IRWD Wells Fargo Check No Print | Reconciled |
| 440541 | 18-Jan-24 | AMAYA SOLUTIONS INC. | 1,810.77 | IRWD Wells Fargo Check No Print | Reconciled |
| 440542 | 18-Jan-24 | ARMADILLO AUTOMATION, INC. | 1,048.10 | IRWD Wells Fargo Check No Print | Reconciled |
| 440543 | 18-Jan-24 | ASHFORD, WALT | 368.31 | IRWD Wells Fargo Check No Print | Reconciled |
| 440544 | 18-Jan-24 | AT&T CORP | 170.57 | IRWD Wells Fargo Check No Print | Reconciled |
| 440545 | 18-Jan-24 | AT&T CORP | 146.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440546 | 18-Jan-24 | AUTOZONE PARTS, INC. | 1,184.55 | IRWD Wells Fargo Check No Print | Reconciled |
| 440547 | 18-Jan-24 | BANK OF NEW YORK MELLON TRUST COMPANY NA | 1,247.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440548 | 18-Jan-24 | BEST DRILLING AND PUMP, INC. | 68,585.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440549 | 18-Jan-24 | BOFA SECURITIES, INC. | 12,224.66 | IRWD Wells Fargo Check No Print | Reconciled |
| 440550 | 18-Jan-24 | BROOKFIELD RESIDENTIAL | 225.14 | IRWD Wells Fargo Check No Print | Negotiable |
| 440551 | 18-Jan-24 | BURLINGTON SAFETY LABORATORY OF CALIFORNIA INC | 858.81 | IRWD Wells Fargo Check No Print | Reconciled |
| 440552 | 18-Jan-24 | CALIFORNIA MUNICIPAL STATISTICS INC | 5,900.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440553 | 18-Jan-24 | CANON FINANCIAL SERVICES, INC. | 8,944.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440554 | 18-Jan-24 | CARRIAGE HILL SERRANO HOMEOWNERS | 1,211.79 | IRWD Wells Fargo Check No Print | Reconciled |
| 440555 | 18-Jan-24 | CHAIREL CUSTOM HAY, INC. | 3,750.62 | IRWD Wells Fargo Check No Print | Reconciled |
| 440556 | 18-Jan-24 | CHEMTREC | 1,000.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440557 | 18-Jan-24 | CHO DESIGN ASSOCIATES, INC | 6,400.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440558 | 18-Jan-24 | CLA-VAL COMPANY | 7,379.81 | IRWD Wells Fargo Check No Print | Reconciled |
| 440559 | 18-Jan-24 | COUNTY OF ORANGE | 264.13 | IRWD Wells Fargo Check No Print | Reconciled |
| 440560 | 18-Jan-24 | CULVER CAR WASH | 61.98 | IRWD Wells Fargo Check No Print | Negotiable |
| 440561 | 18-Jan-24 | CURATIVE I.T. LLC | 75.49 | IRWD Wells Fargo Check No Print | Negotiable |
| 440562 | 18-Jan-24 | DAIOHS USA INCORPORATED | 3,002.04 | IRWD Wells Fargo Check No Print | Reconciled |
| 440563 | 18-Jan-24 | DAVIS FARR LLP | 2,700.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440564 | 18-Jan-24 | DB INDUSTRIAL SUPPLY CO | 2,969.41 | IRWD Wells Fargo Check No Print | Reconciled |
| 440565 | 18-Jan-24 | DCS MANAGEMENT LLC | 80.36 | IRWD Wells Fargo Check No Print | Reconciled |
| 440566 | 18-Jan-24 | DEPARTMENT OF INDUSTRIAL RELATIONS STATE OF CALIFORNIA | 1,350.00 | IRWD Wells Fargo Check No Print | Reconciled |

IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR JANUARY 2024

| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|-----------------------|--------------|--|----------------|---------------------------------|------------|
| 440567 | 18-Jan-24 | DILYTICS INC | 3,000.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440568 | 18-Jan-24 | DISTRICT ONE WEST BA 153, LLC | 22.19 | IRWD Wells Fargo Check No Print | Negotiable |
| 440569 | 18-Jan-24 | DMS FACILITY SERVICES, LLC | 34,965.17 | IRWD Wells Fargo Check No Print | Reconciled |
| 440570 | 18-Jan-24 | E.J. MEYER COMPANY | 1,625.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440571 | 18-Jan-24 | EL TORO WATER DISTRICT | 143,366.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440572 | 18-Jan-24 | ELEMENT PARENT, INC. | 3,290.38 | IRWD Wells Fargo Check No Print | Reconciled |
| 440573 | 18-Jan-24 | ENEL X ADVISORY SERVICES NORTH AMERICA, INC. | 3,000.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440574 | 18-Jan-24 | ENVIRONMENTAL SCIENCE ASSOCIATES | 5,255.76 | IRWD Wells Fargo Check No Print | Reconciled |
| 440575 | 18-Jan-24 | FARRELL & ASSOCIATES | 110.13 | IRWD Wells Fargo Check No Print | Reconciled |
| 440576 | 18-Jan-24 | FEDEX | 137.36 | IRWD Wells Fargo Check No Print | Reconciled |
| 440577 | 18-Jan-24 | FENG, LILY | 47.63 | IRWD Wells Fargo Check No Print | Reconciled |
| 440578 | 18-Jan-24 | FISH SIX RESTAURANT CORP | 2.06 | IRWD Wells Fargo Check No Print | Negotiable |
| 440579 | 18-Jan-24 | FISHER SCIENTIFIC COMPANY LLC | 5,083.63 | IRWD Wells Fargo Check No Print | Reconciled |
| 440580 | 18-Jan-24 | FLW, INC. | 4,476.46 | IRWD Wells Fargo Check No Print | Reconciled |
| 440581 | 18-Jan-24 | FULLER TRUCK ACCESSORIES | 333.31 | IRWD Wells Fargo Check No Print | Reconciled |
| 440582 | 18-Jan-24 | GCI CONSTRUCTION, INC. | 91,488.92 | IRWD Wells Fargo Check No Print | Reconciled |
| 440583 | 18-Jan-24 | GOLDENSON, BENJAMIN | 43.47 | IRWD Wells Fargo Check No Print | Reconciled |
| 440584 | 18-Jan-24 | GOLDMAN, SACHS & CO. LLC | 11,342.47 | IRWD Wells Fargo Check No Print | Negotiable |
| 440585 | 18-Jan-24 | GRAINGER | 7,489.36 | IRWD Wells Fargo Check No Print | Reconciled |
| 440586 | 18-Jan-24 | GRAYBAR ELECTRIC COMPANY | 3,739.20 | IRWD Wells Fargo Check No Print | Reconciled |
| 440587 | 18-Jan-24 | GUIDA SURVEYING INC. | 9,841.22 | IRWD Wells Fargo Check No Print | Reconciled |
| 440588 | 18-Jan-24 | HACH COMPANY | 23,543.38 | IRWD Wells Fargo Check No Print | Reconciled |
| 440589 | 18-Jan-24 | HAMILTON, KURT | 624.52 | IRWD Wells Fargo Check No Print | Reconciled |
| 440590 | 18-Jan-24 | HDR ENGINEERING INC | 7,430.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440591 | 18-Jan-24 | HERITAGE MANAGEMENT | 48.53 | IRWD Wells Fargo Check No Print | Reconciled |
| 440592 | 18-Jan-24 | HI-LINE INC | 383.57 | IRWD Wells Fargo Check No Print | Reconciled |
| 440593 | 18-Jan-24 | HOME DEPOT USA INC | 8,534.52 | IRWD Wells Fargo Check No Print | Reconciled |
| 440594 | 18-Jan-24 | HOME DEPOT USA INC | 65.94 | IRWD Wells Fargo Check No Print | Reconciled |
| 440595 | 18-Jan-24 | INDUSTRIAL SCIENTIFIC CORPORATION | 32,379.56 | IRWD Wells Fargo Check No Print | Reconciled |
| 440596 | 18-Jan-24 | INFOSEND, INC. | 52,388.64 | IRWD Wells Fargo Check No Print | Reconciled |
| 440597 | 18-Jan-24 | INNOVATIVE CONSTRUCTION SOLUTIONS | 144,957.96 | IRWD Wells Fargo Check No Print | Reconciled |
| 440598 | 18-Jan-24 | INTEGRITY MUNICIPAL SERVICES LLC | 2,808.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440599 | 18-Jan-24 | JADE RUNNELS | 15.33 | IRWD Wells Fargo Check No Print | Reconciled |
| 440600 | 18-Jan-24 | JOSE MARTINEZ TREE SERVICE INC. | 4,500.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440601 | 18-Jan-24 | KB HOMES | 410.83 | IRWD Wells Fargo Check No Print | Negotiable |
| 440602 | 18-Jan-24 | KIMBALL MIDWEST | 434.24 | IRWD Wells Fargo Check No Print | Reconciled |
| 440603 | 18-Jan-24 | LENNAR HOMES OF CALIFORNIA, INC. | 2,403.77 | IRWD Wells Fargo Check No Print | Reconciled |
| 440604 | 18-Jan-24 | LINDE GAS & EQUIPMENT INC. | 2,109.34 | IRWD Wells Fargo Check No Print | Reconciled |
| 440605 | 18-Jan-24 | LOOS, GEORGE | 35.28 | IRWD Wells Fargo Check No Print | Reconciled |
| 440606 | 18-Jan-24 | LOPEZ, ANDREA | 22.14 | IRWD Wells Fargo Check No Print | Negotiable |
| 440607 | 18-Jan-24 | LU'S LIGHTHOUSE, INC. | 267.20 | IRWD Wells Fargo Check No Print | Reconciled |
| 440608 | 18-Jan-24 | LUBRICATION ENGINEERS | 15,107.09 | IRWD Wells Fargo Check No Print | Reconciled |
| 440609 | 18-Jan-24 | MASTER LANDSCAPE & MAINTENANCE, INC. | 390.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440610 | 18-Jan-24 | MATHESON TRI GAS, INC | 4,586.92 | IRWD Wells Fargo Check No Print | Reconciled |
| 440611 | 18-Jan-24 | MC MASTER CARR SUPPLY CO | 1,337.49 | IRWD Wells Fargo Check No Print | Reconciled |
| 440612 | 18-Jan-24 | MICROSOFT CORPORATION | 498.12 | IRWD Wells Fargo Check No Print | Reconciled |
| 440613 | 18-Jan-24 | MILES CHEMICAL COMPANY, INC. | 12,625.76 | IRWD Wells Fargo Check No Print | Reconciled |
| 440614 | 18-Jan-24 | MISCOWATER | 11,595.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440615 | 18-Jan-24 | MORSOCO SUPPLY, LLC | 1,791.45 | IRWD Wells Fargo Check No Print | Reconciled |
| 440616 | 18-Jan-24 | MUTUAL PROPANE | 36.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440617 | 18-Jan-24 | NALCO COMPANY LLC | 1,396.02 | IRWD Wells Fargo Check No Print | Reconciled |
| 440618 | 18-Jan-24 | NATIONAL READY MIXED CONCRETE SALES, LLC | 668.06 | IRWD Wells Fargo Check No Print | Reconciled |
| 440619 | 18-Jan-24 | NORIMA CONSULTING US | 7,400.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440620 | 18-Jan-24 | ONESOURCE DISTRIBUTORS LLC | 1,205.07 | IRWD Wells Fargo Check No Print | Reconciled |
| 440621 | 18-Jan-24 | ONSET COMPUTER CORPORATION | 199.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440622 | 18-Jan-24 | OPERATIONAL TECHNICAL SERVICES | 86,011.02 | IRWD Wells Fargo Check No Print | Reconciled |
| 440623 | 18-Jan-24 | ORANGE COUNTY BUSINESS COUNCIL | 1,750.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440624 | 18-Jan-24 | ORANGE COUNTY FIRE AUTHORITY | 1,156.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440625 | 18-Jan-24 | ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT | 1,173.30 | IRWD Wells Fargo Check No Print | Reconciled |
| 440626 | 18-Jan-24 | PACIFIC HYDROTECH CORPORATION | 19,545.78 | IRWD Wells Fargo Check No Print | Reconciled |
| 440627 | 18-Jan-24 | PACIFIC HYDROTECH CORPORATION | 6,506.42 | IRWD Wells Fargo Check No Print | Reconciled |
| 440628 | 18-Jan-24 | PACIFIC HYDROTECH CORPORATION | 12,386.63 | IRWD Wells Fargo Check No Print | Reconciled |
| 440629 | 18-Jan-24 | PACIFIC HYDROTECH CORPORATION | 876,711.02 | IRWD Wells Fargo Check No Print | Reconciled |
| 440630 | 18-Jan-24 | PACIFIC HYDROTECH CORPORATION | 7,703.86 | IRWD Wells Fargo Check No Print | Negotiable |
| 440631 | 18-Jan-24 | PARTNERS IN CONTROL, INC. | 18,429.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440632 | 18-Jan-24 | PFM FINANCIAL ADVISORS, LLC | 5,188.34 | IRWD Wells Fargo Check No Print | Reconciled |
| 440633 | 18-Jan-24 | PRIME SYSTEMS INDUSTRIAL AUTOMATION, INC. | 46,500.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440634 | 18-Jan-24 | PRUDENTIAL OVERALL SUPPLY | 9,582.45 | IRWD Wells Fargo Check No Print | Reconciled |
| 440635 | 18-Jan-24 | PSOMAS | 34,137.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440636 | 18-Jan-24 | PULTE GROUP | 318.04 | IRWD Wells Fargo Check No Print | Negotiable |
| 440637 | 18-Jan-24 | R&B AUTOMATION, INC. | 2,009.54 | IRWD Wells Fargo Check No Print | Reconciled |
| 440638 | 18-Jan-24 | REAL WATER CONSULTANTS INC. | 9,250.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440639 | 18-Jan-24 | REFRIGERATION SUPPLIES DISTRIBUTOR | 468.69 | IRWD Wells Fargo Check No Print | Reconciled |
| 440640 | 18-Jan-24 | RICHARD C. SLADE & ASSOCIATES LLC | 1,947.50 | IRWD Wells Fargo Check No Print | Negotiable |
| 440641 | 18-Jan-24 | ROBERT HALF INC. | 11,124.31 | IRWD Wells Fargo Check No Print | Reconciled |
| 440642 | 18-Jan-24 | SANTA MARGARITA FORD | 870.75 | IRWD Wells Fargo Check No Print | Reconciled |
| 440643 | 18-Jan-24 | SCA OF CA, LLC | 2,840.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440644 | 18-Jan-24 | SCHINDLER ELEVATOR CORPORATION | 306.90 | IRWD Wells Fargo Check No Print | Reconciled |
| 440645 | 18-Jan-24 | SECURITAS SECURITY SERVICES USA, INC. | 82,018.68 | IRWD Wells Fargo Check No Print | Reconciled |
| 440646 | 18-Jan-24 | SERRANO WATER DISTRICT | 3,765.44 | IRWD Wells Fargo Check No Print | Reconciled |
| 440647 | 18-Jan-24 | SHIDA, JENNIFER | 6.49 | IRWD Wells Fargo Check No Print | Reconciled |
| 440648 | 18-Jan-24 | SHIMMICK CONSTRUCTION INC. | 217,370.49 | IRWD Wells Fargo Check No Print | Reconciled |
| 440649 | 18-Jan-24 | SHOETERIA | 163.71 | IRWD Wells Fargo Check No Print | Reconciled |

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| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|-----------------------|--------------|--|----------------|---------------------------------|------------|
| 440650 | 18-Jan-24 | SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT | 2,473.73 | IRWD Wells Fargo Check No Print | Negotiable |
| 440651 | 18-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 21,550.58 | IRWD Wells Fargo Check No Print | Reconciled |
| 440652 | 18-Jan-24 | SOUTHERN CALIFORNIA GAS COMPANY | 18,309.53 | IRWD Wells Fargo Check No Print | Reconciled |
| 440653 | 18-Jan-24 | SOUTHWEST VALVE & EQUIPMENT LLC | 11,082.69 | IRWD Wells Fargo Check No Print | Reconciled |
| 440654 | 18-Jan-24 | STETSON ENGINEERS INC. | 335.50 | IRWD Wells Fargo Check No Print | Reconciled |
| 440655 | 18-Jan-24 | SUNSTATE EQUIPMENT CO. | 100.86 | IRWD Wells Fargo Check No Print | Negotiable |
| 440656 | 18-Jan-24 | SYNAGRO-WWT, INC. | 98,780.36 | IRWD Wells Fargo Check No Print | Reconciled |
| 440657 | 18-Jan-24 | TAIT ENVIRONMENTAL SERVICES, INC. | 2,610.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440658 | 18-Jan-24 | TECH DATA CORPORATION | 29,661.56 | IRWD Wells Fargo Check No Print | Reconciled |
| 440659 | 18-Jan-24 | TIERRA VERDE INDUSTRIES | 29.09 | IRWD Wells Fargo Check No Print | Reconciled |
| 440660 | 18-Jan-24 | TOLL BROS., INC. | 483.78 | IRWD Wells Fargo Check No Print | Reconciled |
| 440661 | 18-Jan-24 | TRI POINTE HOMES, INC. | 160.41 | IRWD Wells Fargo Check No Print | Negotiable |
| 440662 | 18-Jan-24 | UNITED PARCEL SERVICE INC | 53.46 | IRWD Wells Fargo Check No Print | Reconciled |
| 440663 | 18-Jan-24 | US BANK NAT'L ASSOC N.DAKOTA | 1,567.50 | IRWD Wells Fargo Check No Print | Reconciled |
| 440664 | 18-Jan-24 | US BANK NAT'L ASSOC N.DAKOTA | 7,939.72 | IRWD Wells Fargo Check No Print | Reconciled |
| 440665 | 18-Jan-24 | VISTA PAINT CORPORATION | 450.87 | IRWD Wells Fargo Check No Print | Reconciled |
| 440666 | 18-Jan-24 | VWR INTERNATIONAL, LLC | 318.90 | IRWD Wells Fargo Check No Print | Reconciled |
| 440667 | 18-Jan-24 | WANG, LILI | 15.79 | IRWD Wells Fargo Check No Print | Negotiable |
| 440668 | 18-Jan-24 | WARD, WILLIAM P JR. | 693.14 | IRWD Wells Fargo Check No Print | Reconciled |
| 440669 | 18-Jan-24 | WASTE MANAGEMENT COLLECTIONS AND RECYCLING, INC. | 364.17 | IRWD Wells Fargo Check No Print | Reconciled |
| 440670 | 18-Jan-24 | WAXIE'S ENTERPRISES, INC | 3,241.05 | IRWD Wells Fargo Check No Print | Reconciled |
| 440671 | 18-Jan-24 | WEST YOST & ASSOCIATES, INC. | 19,690.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440672 | 18-Jan-24 | WOOD, JOHN | 52.03 | IRWD Wells Fargo Check No Print | Negotiable |
| 440673 | 18-Jan-24 | XYLEM WATER SOLUTIONS USA, INC. | 2,639.88 | IRWD Wells Fargo Check No Print | Reconciled |
| 440674 | 18-Jan-24 | ZHENGCHAO NIU | 21,681.25 | IRWD Wells Fargo Check No Print | Reconciled |
| 440675 | 18-Jan-24 | ZOU, RONG | 227.60 | IRWD Wells Fargo Check No Print | Negotiable |
| 440676 | 18-Jan-24 | AMERICAN FAMILY LIFE ASSURANCE COMPANY OF COLUMBUS | 2,556.03 | IRWD Wells Fargo Check | Reconciled |
| 440677 | 18-Jan-24 | CALIFORNIA DEPARTMENT OF TAX AND FEE ADMINISTRATION | 1.00 | IRWD Wells Fargo Check | Reconciled |
| 440678 | 18-Jan-24 | COSTCO WHOLESALE MEMBERSHIP | 360.00 | IRWD Wells Fargo Check | Reconciled |
| 440679 | 18-Jan-24 | FRANCHISE TAX BOARD | 1,021.09 | IRWD Wells Fargo Check | Negotiable |
| 440680 | 18-Jan-24 | INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS LOCAL 47 | 8,380.06 | IRWD Wells Fargo Check | Reconciled |
| 440681 | 18-Jan-24 | PERS LONG TERM CARE | 661.00 | IRWD Wells Fargo Check | Reconciled |
| 440682 | 18-Jan-24 | URBAN WATER INSTITUTE INC | 1,885.00 | IRWD Wells Fargo Check | Negotiable |
| 440683 | 23-Jan-24 | CALIFORNIA DEPARTMENT OF TAX AND FEE ADMINISTRATION | 545.00 | IRWD Wells Fargo Check | Reconciled |
| 440684 | 25-Jan-24 | A&Y ASPHALT CONTRACTORS, INC. | 80,800.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440685 | 25-Jan-24 | ACCUSTANDARD INC | 226.12 | IRWD Wells Fargo Check No Print | Negotiable |
| 440686 | 25-Jan-24 | ADVANCED MICRO INSTRUMENTS, INC. | 385.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440687 | 25-Jan-24 | AIM PROPERTIES | 35.61 | IRWD Wells Fargo Check No Print | Negotiable |
| 440688 | 25-Jan-24 | AIRGAS, INC. | 1,385.05 | IRWD Wells Fargo Check No Print | Reconciled |
| 440689 | 25-Jan-24 | ALL AMERICAN ASPHALT | 1,656.07 | IRWD Wells Fargo Check No Print | Negotiable |
| 440690 | 25-Jan-24 | ASSURED FLOW SALES INC | 435.54 | IRWD Wells Fargo Check No Print | Negotiable |
| 440691 | 25-Jan-24 | AT&T CORP | 12,400.65 | IRWD Wells Fargo Check No Print | Negotiable |
| 440692 | 25-Jan-24 | AUTOZONE PARTS, INC. | 626.02 | IRWD Wells Fargo Check No Print | Negotiable |
| 440693 | 25-Jan-24 | BEST DRILLING AND PUMP, INC. | 17,583.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440694 | 25-Jan-24 | BLB US INC | 7,440.03 | IRWD Wells Fargo Check No Print | Negotiable |
| 440695 | 25-Jan-24 | BLUE-WHITE INDUSTRIES | 3,461.08 | IRWD Wells Fargo Check No Print | Reconciled |
| 440696 | 25-Jan-24 | BORCHARD SURVEYING & MAPPING, INC. | 1,730.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440697 | 25-Jan-24 | BPS SUPPLY GROUP | 677.52 | IRWD Wells Fargo Check No Print | Negotiable |
| 440698 | 25-Jan-24 | BRINTON, DENNIS | 71.38 | IRWD Wells Fargo Check No Print | Negotiable |
| 440699 | 25-Jan-24 | BROOKFIELD RESIDENTIAL | 1,643.23 | IRWD Wells Fargo Check No Print | Negotiable |
| 440700 | 25-Jan-24 | BRUCE HADLEY NEWELL | 2,500.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440701 | 25-Jan-24 | BSI AMERICA PROFESSIONAL SERVICES INC. | 3,400.59 | IRWD Wells Fargo Check No Print | Negotiable |
| 440702 | 25-Jan-24 | C WELLS PIPELINE MATERIALS INC | 5,637.48 | IRWD Wells Fargo Check No Print | Negotiable |
| 440703 | 25-Jan-24 | CALPINE CORPORATION | 442,174.63 | IRWD Wells Fargo Check No Print | Reconciled |
| 440704 | 25-Jan-24 | CHEM TECH INTERNATIONAL INC | 5,353.96 | IRWD Wells Fargo Check No Print | Negotiable |
| 440705 | 25-Jan-24 | CHIN, CINDY | 25.12 | IRWD Wells Fargo Check No Print | Negotiable |
| 440706 | 25-Jan-24 | CITY OF TUSTIN | 250.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440707 | 25-Jan-24 | COAST PLUMBING HEATING AND AIR, INC | 639.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440708 | 25-Jan-24 | CORELOGIC INC | 629.80 | IRWD Wells Fargo Check No Print | Negotiable |
| 440709 | 25-Jan-24 | CORO SOUTHERN CALIFORNIA | 1,500.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440710 | 25-Jan-24 | COX COMMUNICATIONS, INC. | 3,156.40 | IRWD Wells Fargo Check No Print | Reconciled |
| 440711 | 25-Jan-24 | D & H WATER SYSTEMS INC. | 1,152.59 | IRWD Wells Fargo Check No Print | Negotiable |
| 440712 | 25-Jan-24 | D'ALENA, CHRISTINE | 972.06 | IRWD Wells Fargo Check No Print | Reconciled |
| 440713 | 25-Jan-24 | DCS MANAGEMENT LLC | 712.14 | IRWD Wells Fargo Check No Print | Reconciled |
| 440714 | 25-Jan-24 | DCSE, INC. | 1,344.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440715 | 25-Jan-24 | DIRECTV INC | 159.24 | IRWD Wells Fargo Check No Print | Negotiable |
| 440716 | 25-Jan-24 | EAGLE PRINT DYNAMICS | 1,162.23 | IRWD Wells Fargo Check No Print | Reconciled |
| 440717 | 25-Jan-24 | EMD MILLIPORE CORP. | 1,729.17 | IRWD Wells Fargo Check No Print | Negotiable |
| 440718 | 25-Jan-24 | ENVIRONMENTAL RESOURCE ASSOCIATES | 172.52 | IRWD Wells Fargo Check No Print | Negotiable |
| 440719 | 25-Jan-24 | ENVIRONMENTAL SCIENCE ASSOCIATES | 8,202.50 | IRWD Wells Fargo Check No Print | Negotiable |
| 440720 | 25-Jan-24 | EUROFINS EATON ANALYTICAL, INC. | 2,130.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440721 | 25-Jan-24 | FEDEX | 579.89 | IRWD Wells Fargo Check No Print | Reconciled |
| 440722 | 25-Jan-24 | FIRE EXTINGUISHING SAFETY & SERVICE | 1,076.05 | IRWD Wells Fargo Check No Print | Reconciled |
| 440723 | 25-Jan-24 | FISHER SCIENTIFIC COMPANY LLC | 2,479.77 | IRWD Wells Fargo Check No Print | Reconciled |
| 440724 | 25-Jan-24 | FRENCH, SAM | 163.21 | IRWD Wells Fargo Check No Print | Negotiable |
| 440725 | 25-Jan-24 | FRONTIER CALIFORNIA INC. | 585.47 | IRWD Wells Fargo Check No Print | Negotiable |
| 440726 | 25-Jan-24 | GEORGE YARDLEY CO., INC. | 700.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440727 | 25-Jan-24 | GRAINGER | 11,493.46 | IRWD Wells Fargo Check No Print | Negotiable |
| 440728 | 25-Jan-24 | GUIDA SURVEYING INC. | 3,179.75 | IRWD Wells Fargo Check No Print | Reconciled |
| 440729 | 25-Jan-24 | HACH COMPANY | 8,047.70 | IRWD Wells Fargo Check No Print | Negotiable |
| 440730 | 25-Jan-24 | HANNA INSTRUMENTS UNITED STATES, INC | 422.38 | IRWD Wells Fargo Check No Print | Negotiable |
| 440731 | 25-Jan-24 | HDR ENGINEERING INC | 9,615.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440732 | 25-Jan-24 | HI-LINE INC | 817.37 | IRWD Wells Fargo Check No Print | Negotiable |

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR JANUARY 2024**

| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|---|--------------|---|---------------------|---------------------------------|------------|
| 440733 | 25-Jan-24 | HOME DEPOT USA INC | 1,827.49 | IRWD Wells Fargo Check No Print | Negotiable |
| 440734 | 25-Jan-24 | HOME DEPOT USA INC | 631.46 | IRWD Wells Fargo Check No Print | Reconciled |
| 440735 | 25-Jan-24 | HUBER TECHNOLOGY INC. | 787.61 | IRWD Wells Fargo Check No Print | Negotiable |
| 440736 | 25-Jan-24 | INDUSTRIAL METAL SUPPLY CO | 118.33 | IRWD Wells Fargo Check No Print | Negotiable |
| 440737 | 25-Jan-24 | IRVINE UNIFIED SCHOOL DISTRICT | 996.94 | IRWD Wells Fargo Check No Print | Negotiable |
| 440738 | 25-Jan-24 | JUST ENERGY SOLUTIONS INC. | 217.18 | IRWD Wells Fargo Check No Print | Reconciled |
| 440739 | 25-Jan-24 | KASSEMBE, BIBI | 78.07 | IRWD Wells Fargo Check No Print | Negotiable |
| 440740 | 25-Jan-24 | LEE, SAMUEL | 24.38 | IRWD Wells Fargo Check No Print | Negotiable |
| 440741 | 25-Jan-24 | LEIGHTON CONSULTING, INC. | 6,097.29 | IRWD Wells Fargo Check No Print | Reconciled |
| 440742 | 25-Jan-24 | LENNAR HOMES OF CALIFORNIA, INC. | 397.88 | IRWD Wells Fargo Check No Print | Reconciled |
| 440743 | 25-Jan-24 | LILLESTRAND LEADERSHIP CONSULTING, INC. | 10,750.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440744 | 25-Jan-24 | LINDE GAS & EQUIPMENT INC. | 22,165.30 | IRWD Wells Fargo Check No Print | Negotiable |
| 440745 | 25-Jan-24 | LUBRICATION ENGINEERS | 3,620.54 | IRWD Wells Fargo Check No Print | Negotiable |
| 440746 | 25-Jan-24 | MC MASTER CARR SUPPLY CO | 3,976.55 | IRWD Wells Fargo Check No Print | Negotiable |
| 440747 | 25-Jan-24 | MICHAEL K. NUNLEY & ASSOCIATES, INC. | 3,475.75 | IRWD Wells Fargo Check No Print | Reconciled |
| 440748 | 25-Jan-24 | MORSCO SUPPLY, LLC | 1,577.71 | IRWD Wells Fargo Check No Print | Reconciled |
| 440749 | 25-Jan-24 | MSC INDUSTRIAL SUPPLY CO | 2,448.40 | IRWD Wells Fargo Check No Print | Negotiable |
| 440750 | 25-Jan-24 | MUTUAL PROPANE | 178.70 | IRWD Wells Fargo Check No Print | Reconciled |
| 440751 | 25-Jan-24 | NATIONAL READY MIXED CONCRETE SALES, LLC | 2,411.75 | IRWD Wells Fargo Check No Print | Reconciled |
| 440752 | 25-Jan-24 | NETFILE, INC | 3,800.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440753 | 25-Jan-24 | NIXON-EGLI EQUIPMENT COMPANY INC. | 2,032.79 | IRWD Wells Fargo Check No Print | Reconciled |
| 440754 | 25-Jan-24 | ONESOURCE DISTRIBUTORS LLC | 4,891.20 | IRWD Wells Fargo Check No Print | Reconciled |
| 440755 | 25-Jan-24 | ONSET COMPUTER CORPORATION | 17,337.27 | IRWD Wells Fargo Check No Print | Negotiable |
| 440756 | 25-Jan-24 | ORANGE COUNTY FIRE AUTHORITY | 532.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440757 | 25-Jan-24 | ORANGE COUNTY FIRE PROTECTION | 936.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440758 | 25-Jan-24 | OUTSOURCE TECHNICAL LLC | 28,575.25 | IRWD Wells Fargo Check No Print | Negotiable |
| 440759 | 25-Jan-24 | PAYMENTUS CORPORATION | 67,099.37 | IRWD Wells Fargo Check No Print | Negotiable |
| 440760 | 25-Jan-24 | PINNACLE TOWERS LLC | 911.53 | IRWD Wells Fargo Check No Print | Negotiable |
| 440761 | 25-Jan-24 | PLUMBERS DEPOT INC. | 2,767.78 | IRWD Wells Fargo Check No Print | Negotiable |
| 440762 | 25-Jan-24 | PRIDEMARK CONTRACTORS | 1,059.24 | IRWD Wells Fargo Check No Print | Negotiable |
| 440763 | 25-Jan-24 | PRONTO GYM SERVICES, INC. | 360.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440764 | 25-Jan-24 | ROBERT HALF INC. | 8,944.55 | IRWD Wells Fargo Check No Print | Reconciled |
| 440765 | 25-Jan-24 | RODNEY HARMSWORTH ASSOCIATES, INC. | 7,280.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440766 | 25-Jan-24 | RODRIGUEZ, JACOB | 858.17 | IRWD Wells Fargo Check No Print | Negotiable |
| 440767 | 25-Jan-24 | SAFETY-KLEEN SYSTEMS, INC | 413.50 | IRWD Wells Fargo Check No Print | Reconciled |
| 440768 | 25-Jan-24 | SCA OF CA, LLC | 1,420.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440769 | 25-Jan-24 | SO CAL SANDBAGS INC | 1,599.08 | IRWD Wells Fargo Check No Print | Negotiable |
| 440770 | 25-Jan-24 | SOUTH COAST WATER DISTRICT | 370.48 | IRWD Wells Fargo Check No Print | Reconciled |
| 440771 | 25-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 29.93 | IRWD Wells Fargo Check No Print | Negotiable |
| 440772 | 25-Jan-24 | SOUTHERN CALIFORNIA EDISON COMPANY | 55,997.46 | IRWD Wells Fargo Check No Print | Reconciled |
| 440773 | 25-Jan-24 | SOUTHERN CALIFORNIA GAS COMPANY | 42.24 | IRWD Wells Fargo Check No Print | Negotiable |
| 440774 | 25-Jan-24 | SPECTRUM GAS PRODUCTS, INC. | 38.00 | IRWD Wells Fargo Check No Print | Reconciled |
| 440775 | 25-Jan-24 | STANTEC CONSULTING SERVICES INC. | 10,746.75 | IRWD Wells Fargo Check No Print | Negotiable |
| 440776 | 25-Jan-24 | STATE WATER RESOURCES CONTROL BOARD | 325,829.39 | IRWD Wells Fargo Check No Print | Negotiable |
| 440777 | 25-Jan-24 | SUZANNA CHOI | 5,000.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440778 | 25-Jan-24 | TAIT ENVIRONMENTAL SERVICES, INC. | 675.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440779 | 25-Jan-24 | TICE, MARSHA A | 985.39 | IRWD Wells Fargo Check No Print | Negotiable |
| 440780 | 25-Jan-24 | TRUSSELL TECHNOLOGIES, INC. | 627.50 | IRWD Wells Fargo Check No Print | Negotiable |
| 440781 | 25-Jan-24 | UNITED PARCEL SERVICE INC | 32.90 | IRWD Wells Fargo Check No Print | Negotiable |
| 440782 | 25-Jan-24 | UNIVAR SOLUTIONS USA INC. | 12,540.00 | IRWD Wells Fargo Check No Print | Negotiable |
| 440783 | 25-Jan-24 | US BANK NAT'L ASSOCIATION NORTH DAKOTA | 52,368.35 | IRWD Wells Fargo Check No Print | Negotiable |
| 440784 | 25-Jan-24 | USA BLUEBOOK | 634.68 | IRWD Wells Fargo Check No Print | Reconciled |
| 440785 | 25-Jan-24 | VON ALTON I LLC | 4,461.59 | IRWD Wells Fargo Check No Print | Negotiable |
| 440786 | 25-Jan-24 | VWR INTERNATIONAL, LLC | 614.74 | IRWD Wells Fargo Check No Print | Negotiable |
| 440787 | 25-Jan-24 | WALTERS WHOLESALE ELECTRIC | 3,458.73 | IRWD Wells Fargo Check No Print | Reconciled |
| 440788 | 25-Jan-24 | WEST COAST SAND & GRAVEL INC. | 650.86 | IRWD Wells Fargo Check No Print | Reconciled |
| 440789 | 25-Jan-24 | XYLEM WATER SOLUTIONS USA, INC. | 172.40 | IRWD Wells Fargo Check No Print | Negotiable |
| 440790 | 25-Jan-24 | YSI, INC | 3,384.84 | IRWD Wells Fargo Check No Print | Negotiable |
| 440791 | 25-Jan-24 | SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT | 921.00 | IRWD Wells Fargo Check | Negotiable |
| 440792 | 25-Jan-24 | STATE OF CALIFORNIA | 6.00 | IRWD Wells Fargo Check | Negotiable |
| SUB-TOTAL IRWD WELLS FARGO CHECK AND IRWD WELLS FARGO CHECK NO PRINT DISBURSEMENTS | | | 8,132,395.05 | | |

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| 1002305 | 4-Jan-24 | AMAZON CAPITAL SERVICES, INC. | 1,913.75 | IRWD Wells Fargo ACH | Reconciled |
| 1002306 | 4-Jan-24 | AMWINS GROUP BENEFITS LLC | 4,509.06 | IRWD Wells Fargo ACH | Reconciled |
| 1002307 | 4-Jan-24 | ARAG NORTH AMERICA, INC. | 506.25 | IRWD Wells Fargo ACH | Reconciled |
| 1002308 | 4-Jan-24 | BRENNTAG PACIFIC INC | 45,538.33 | IRWD Wells Fargo ACH | Reconciled |
| 1002309 | 4-Jan-24 | CALIFORNIA BARRICADE RENTAL, INC. | 36,554.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002310 | 4-Jan-24 | CAROLLO ENGINEERS, INC | 17,257.20 | IRWD Wells Fargo ACH | Reconciled |
| 1002311 | 4-Jan-24 | CIMARRON ENERGY, INC | 20,301.35 | IRWD Wells Fargo ACH | Reconciled |
| 1002312 | 4-Jan-24 | COLONIAL LIFE & ACCIDENT INSURANCE CO. | 979.47 | IRWD Wells Fargo ACH | Reconciled |
| 1002313 | 4-Jan-24 | CONSERV CONSTRUCTION INC. | 6,390.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002314 | 4-Jan-24 | COOMBS SERVICE GROUP | 34,900.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002315 | 4-Jan-24 | DRAKE TRAFFIC CONTROL SERVICES INC | 7,717.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002316 | 4-Jan-24 | DUDEK | 160.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002317 | 4-Jan-24 | EUROFINS ENVIRONMENT TESTING AMERICA HOLDINGS, INC. | 3,402.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002318 | 4-Jan-24 | FIDELITY SECURITY LIFE INSURANCE COMPANY | 7,893.79 | IRWD Wells Fargo ACH | Reconciled |
| 1002319 | 4-Jan-24 | FISHER & PHILLIPS LLP | 12,544.10 | IRWD Wells Fargo ACH | Reconciled |
| 1002320 | 4-Jan-24 | GANAHL LUMBER CO. | 380.85 | IRWD Wells Fargo ACH | Reconciled |
| 1002321 | 4-Jan-24 | HANSON BRIDGETT LLP | 92,998.18 | IRWD Wells Fargo ACH | Reconciled |
| 1002322 | 4-Jan-24 | HELPMATES STAFFING SERVICES LLC | 2,733.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002323 | 4-Jan-24 | HILL BROTHERS CHEMICAL COMPANY | 20,625.30 | IRWD Wells Fargo ACH | Reconciled |
| 1002324 | 4-Jan-24 | JCI JONES CHEMICALS INC | 6,868.13 | IRWD Wells Fargo ACH | Reconciled |
| 1002325 | 4-Jan-24 | KRONICK MOSKOVITZ TIEDEMANN & GIRARD | 2,104.35 | IRWD Wells Fargo ACH | Reconciled |

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR JANUARY 2024**

| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|-----------------------|--------------|---|----------------|----------------------|------------|
| 1002326 | 4-Jan-24 | LANDCARE HOLDINGS, INC. | 68,314.17 | IRWD Wells Fargo ACH | Reconciled |
| 1002327 | 4-Jan-24 | LIEBERT CASSIDY WHITMORE | 282.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002328 | 4-Jan-24 | MARK KADESH | 10,506.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002329 | 4-Jan-24 | MBF CONSULTING, INC. | 13,371.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002330 | 4-Jan-24 | MCR TECHNOLOGIES INC | 7,659.54 | IRWD Wells Fargo ACH | Reconciled |
| 1002331 | 4-Jan-24 | MUNICIPAL WATER DISTRICT OF ORANGE COUNTY | 910,234.86 | IRWD Wells Fargo ACH | Reconciled |
| 1002332 | 4-Jan-24 | OLIN CORPORATION | 134,970.96 | IRWD Wells Fargo ACH | Reconciled |
| 1002333 | 4-Jan-24 | ORANGE COUNTY AUTO PARTS CO | 449.42 | IRWD Wells Fargo ACH | Reconciled |
| 1002334 | 4-Jan-24 | PACIFIC PARTS & CONTROLS INC | 905.10 | IRWD Wells Fargo ACH | Reconciled |
| 1002335 | 4-Jan-24 | PACRIM ENGINEERING INC. | 16,950.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002336 | 4-Jan-24 | PAULUS ENGINEERING, INC. | 386,699.49 | IRWD Wells Fargo ACH | Reconciled |
| 1002337 | 4-Jan-24 | PYRO-COMM SYSTEMS INC | 5,032.71 | IRWD Wells Fargo ACH | Reconciled |
| 1002338 | 4-Jan-24 | RAM AIR ENGINEERING INC | 10,039.36 | IRWD Wells Fargo ACH | Reconciled |
| 1002339 | 4-Jan-24 | QUINTANA, WATTS & HARTMANN LLC. | 11,600.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002340 | 4-Jan-24 | RINCON TRUCK CENTER INC. | 605.69 | IRWD Wells Fargo ACH | Reconciled |
| 1002341 | 4-Jan-24 | SUNSHINE SUPPLY COMPANY, INC. | 3,747.01 | IRWD Wells Fargo ACH | Reconciled |
| 1002342 | 4-Jan-24 | TETRA TECH, INC | 8,087.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002343 | 4-Jan-24 | VSS SALES INC | 2,472.22 | IRWD Wells Fargo ACH | Reconciled |
| 1002344 | 4-Jan-24 | WEST COAST SAFETY SUPPLY INC | 12,490.38 | IRWD Wells Fargo ACH | Reconciled |
| 1002345 | 4-Jan-24 | WESTAMERICA COMMUNICATIONS, INC. | 1,050.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002363 | 11-Jan-24 | ORANGE COUNTY SANITATION DISTRICT | 3,370.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002364 | 11-Jan-24 | ACE INDUSTRIES, INC. | 10,053.39 | IRWD Wells Fargo ACH | Reconciled |
| 1002365 | 11-Jan-24 | ADAM'S FALCONRY SERVICE, LLC | 3,900.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002366 | 11-Jan-24 | AMAZON CAPITAL SERVICES, INC. | 1,718.59 | IRWD Wells Fargo ACH | Reconciled |
| 1002367 | 11-Jan-24 | CALIFORNIA BARRICADE RENTAL, INC. | 7,616.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002368 | 11-Jan-24 | COTTONS POINT DESIGN, INC. | 2,235.81 | IRWD Wells Fargo ACH | Reconciled |
| 1002369 | 11-Jan-24 | DRAKE TRAFFIC CONTROL SERVICES INC | 1,100.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002370 | 11-Jan-24 | FISHER & PHILLIPS LLP | 12,145.45 | IRWD Wells Fargo ACH | Reconciled |
| 1002371 | 11-Jan-24 | FOUGHT, CYNTHIA J. | 2,998.63 | IRWD Wells Fargo ACH | Reconciled |
| 1002372 | 11-Jan-24 | GANAHL LUMBER CO. | 469.64 | IRWD Wells Fargo ACH | Reconciled |
| 1002373 | 11-Jan-24 | HANSON BRIDGETT LLP | 118,312.95 | IRWD Wells Fargo ACH | Reconciled |
| 1002374 | 11-Jan-24 | HILL BROTHERS CHEMICAL COMPANY | 20,643.06 | IRWD Wells Fargo ACH | Reconciled |
| 1002375 | 11-Jan-24 | LAGUNA BEACH COUNTY WATER DISTRICT | 15,416.06 | IRWD Wells Fargo ACH | Reconciled |
| 1002376 | 11-Jan-24 | LANDCARE HOLDINGS, INC. | 119,757.24 | IRWD Wells Fargo ACH | Reconciled |
| 1002377 | 11-Jan-24 | MARK KADESH | 10,821.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002378 | 11-Jan-24 | MCR TECHNOLOGIES INC | 67,110.81 | IRWD Wells Fargo ACH | Reconciled |
| 1002379 | 11-Jan-24 | MORRISROE, EDWARD | 481.79 | IRWD Wells Fargo ACH | Reconciled |
| 1002380 | 11-Jan-24 | OLIN CORPORATION | 22,519.41 | IRWD Wells Fargo ACH | Reconciled |
| 1002381 | 11-Jan-24 | ORANGE COUNTY AUTO PARTS CO | 1,523.93 | IRWD Wells Fargo ACH | Reconciled |
| 1002382 | 11-Jan-24 | PAPER DEPOT DOCUMENT DESTRUCTION LLC | 165.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002383 | 11-Jan-24 | PROBOLSKY RESEARCH LLC | 9,000.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002384 | 11-Jan-24 | RAM AIR ENGINEERING INC | 9,923.41 | IRWD Wells Fargo ACH | Reconciled |
| 1002385 | 11-Jan-24 | RED WING SHOE STORE | 660.85 | IRWD Wells Fargo ACH | Reconciled |
| 1002386 | 11-Jan-24 | QUINTANA, WATTS & HARTMANN LLC. | 5,800.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002387 | 11-Jan-24 | RLG ENTERPRISES, INC | 196.93 | IRWD Wells Fargo ACH | Reconciled |
| 1002388 | 11-Jan-24 | SI TESTING | 5,380.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002389 | 11-Jan-24 | TETRA TECH, INC | 9,309.31 | IRWD Wells Fargo ACH | Reconciled |
| 1002390 | 11-Jan-24 | VSS SALES INC | 10,719.36 | IRWD Wells Fargo ACH | Reconciled |
| 1002391 | 11-Jan-24 | WEST COAST SAFETY SUPPLY INC | 7,689.04 | IRWD Wells Fargo ACH | Reconciled |
| 1002392 | 11-Jan-24 | WESTAMERICA COMMUNICATIONS, INC. | 840.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002409 | 18-Jan-24 | ORANGE COUNTY SANITATION DISTRICT | 3,370.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002410 | 18-Jan-24 | ALEXANDER'S CONTRACT SERVICES, INC. | 134,308.91 | IRWD Wells Fargo ACH | Reconciled |
| 1002411 | 18-Jan-24 | AMAZON CAPITAL SERVICES, INC. | 2,795.68 | IRWD Wells Fargo ACH | Reconciled |
| 1002412 | 18-Jan-24 | BRENNTAG PACIFIC INC | 7,176.90 | IRWD Wells Fargo ACH | Reconciled |
| 1002413 | 18-Jan-24 | CALIFORNIA BARRICADE RENTAL, INC. | 11,814.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002414 | 18-Jan-24 | CAROLLO ENGINEERS, INC | 20,437.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002415 | 18-Jan-24 | CENTROID SYSTEMS, INC. | 5,980.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002416 | 18-Jan-24 | CITY OF IRVINE | 6,109.99 | IRWD Wells Fargo ACH | Reconciled |
| 1002417 | 18-Jan-24 | DRAKE TRAFFIC CONTROL SERVICES INC | 12,380.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002418 | 18-Jan-24 | E.J. MEYER COMPANY | 30,875.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002419 | 18-Jan-24 | EUROFINS ENVIRONMENT TESTING AMERICA HOLDINGS, INC. | 7,024.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002420 | 18-Jan-24 | HELPMATES STAFFING SERVICES LLC | 1,704.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002421 | 18-Jan-24 | HILL BROTHERS CHEMICAL COMPANY | 38,452.49 | IRWD Wells Fargo ACH | Reconciled |
| 1002422 | 18-Jan-24 | JCI JONES CHEMICALS INC | 9,637.10 | IRWD Wells Fargo ACH | Reconciled |
| 1002423 | 18-Jan-24 | LANDCARE HOLDINGS, INC. | 133,693.80 | IRWD Wells Fargo ACH | Reconciled |
| 1002424 | 18-Jan-24 | MERRIMAC PETROLEUM, INC. | 31,656.44 | IRWD Wells Fargo ACH | Reconciled |
| 1002425 | 18-Jan-24 | MUNICIPAL WATER DISTRICT OF ORANGE COUNTY | 235,194.03 | IRWD Wells Fargo ACH | Reconciled |
| 1002426 | 18-Jan-24 | NATURALWELL, LLC | 1,870.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002427 | 18-Jan-24 | OLIN CORPORATION | 67,652.09 | IRWD Wells Fargo ACH | Reconciled |
| 1002428 | 18-Jan-24 | ORANGE COUNTY AUTO PARTS CO | 2,986.89 | IRWD Wells Fargo ACH | Reconciled |
| 1002429 | 18-Jan-24 | ORANGE COUNTY WATER DISTRICT | 433,289.02 | IRWD Wells Fargo ACH | Reconciled |
| 1002430 | 18-Jan-24 | ORIGIN CONSULTING LLC | 2,315.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002431 | 18-Jan-24 | PACIFIC PARTS & CONTROLS INC | 21,997.62 | IRWD Wells Fargo ACH | Reconciled |
| 1002432 | 18-Jan-24 | PAULUS ENGINEERING, INC. | 125,304.48 | IRWD Wells Fargo ACH | Reconciled |
| 1002433 | 18-Jan-24 | PYRO-COMM SYSTEMS INC | 715.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002434 | 18-Jan-24 | RAM AIR ENGINEERING INC | 11,398.11 | IRWD Wells Fargo ACH | Reconciled |
| 1002435 | 18-Jan-24 | RED WING SHOE STORE | 701.45 | IRWD Wells Fargo ACH | Reconciled |
| 1002436 | 18-Jan-24 | ROSEDALE - RIO BRAVO WATER STORAGE DISTRICT | 12,497.35 | IRWD Wells Fargo ACH | Reconciled |
| 1002437 | 18-Jan-24 | SITES PROJECT JOINT POWERS AUTHORITY | 160,000.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002438 | 18-Jan-24 | SUKLE ADVERTISING INC. | 14,251.25 | IRWD Wells Fargo ACH | Reconciled |
| 1002439 | 18-Jan-24 | TOTAL RESOURCE MANAGEMENT, INC | 14,009.24 | IRWD Wells Fargo ACH | Reconciled |
| 1002440 | 18-Jan-24 | VSS SALES INC | 71,471.43 | IRWD Wells Fargo ACH | Reconciled |
| 1002441 | 18-Jan-24 | WATER TREATMENT CHEMICALS INC | 20,808.00 | IRWD Wells Fargo ACH | Reconciled |

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR JANUARY 2024**

| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|---|--------------|---|----------------------|----------------------|------------|
| 1002442 | 18-Jan-24 | WATERSMART SOFTWARE INC | 16,402.89 | IRWD Wells Fargo ACH | Reconciled |
| 1002443 | 18-Jan-24 | YORKE ENGINEERING, LLC | 5,250.19 | IRWD Wells Fargo ACH | Reconciled |
| 1002460 | 25-Jan-24 | AECOM TECHNICAL SERVICES, INC. | 7,968.57 | IRWD Wells Fargo ACH | Reconciled |
| 1002461 | 25-Jan-24 | AMAZON CAPITAL SERVICES, INC. | 1,978.56 | IRWD Wells Fargo ACH | Reconciled |
| 1002462 | 25-Jan-24 | CALIFORNIA BARRICADE RENTAL, INC. | 27,395.90 | IRWD Wells Fargo ACH | Reconciled |
| 1002463 | 25-Jan-24 | CAROLLO ENGINEERS, INC | 80,301.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002464 | 25-Jan-24 | CENTURY PAVING, INC. | 34,938.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002465 | 25-Jan-24 | CONSERV CONSTRUCTION INC. | 3,290.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002466 | 25-Jan-24 | DRAKE TRAFFIC CONTROL SERVICES INC | 3,392.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002467 | 25-Jan-24 | ENGINEERING SOLUTIONS, LLC | 3,915.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002468 | 25-Jan-24 | ENVIRONMENTAL ENGINEERING AND CONTRACTING, INC. | 26,672.50 | IRWD Wells Fargo ACH | Reconciled |
| 1002469 | 25-Jan-24 | FISHER & PHILLIPS LLP | 36,349.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002470 | 25-Jan-24 | GM SAGER CONSTRUCTION CO,INC. | 50,500.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002471 | 25-Jan-24 | HILL BROTHERS CHEMICAL COMPANY | 13,479.21 | IRWD Wells Fargo ACH | Reconciled |
| 1002472 | 25-Jan-24 | JCI JONES CHEMICALS INC | 7,996.92 | IRWD Wells Fargo ACH | Reconciled |
| 1002473 | 25-Jan-24 | LANDCARE HOLDINGS, INC. | 4,166.00 | IRWD Wells Fargo ACH | Reconciled |
| 1002474 | 25-Jan-24 | OLIN CORPORATION | 101,283.13 | IRWD Wells Fargo ACH | Reconciled |
| 1002475 | 25-Jan-24 | ORANGE COUNTY AUTO PARTS CO | 308.48 | IRWD Wells Fargo ACH | Reconciled |
| 1002476 | 25-Jan-24 | PACIFIC PARTS & CONTROLS INC | 438.51 | IRWD Wells Fargo ACH | Reconciled |
| 1002477 | 25-Jan-24 | RAM AIR ENGINEERING INC | 8,233.10 | IRWD Wells Fargo ACH | Reconciled |
| 1002478 | 25-Jan-24 | RED WING SHOE STORE | 900.25 | IRWD Wells Fargo ACH | Reconciled |
| 1002479 | 25-Jan-24 | RINCON TRUCK CENTER INC. | 175.69 | IRWD Wells Fargo ACH | Reconciled |
| 1002480 | 25-Jan-24 | VSS SALES INC | 19,745.77 | IRWD Wells Fargo ACH | Reconciled |
| 1002481 | 25-Jan-24 | WOODARD & CURRAN INC | 3,333.75 | IRWD Wells Fargo ACH | Reconciled |
| 1002510 | 30-Jan-24 | ORANGE COUNTY WATER DISTRICT | 14,701,128.00 | IRWD Wells Fargo ACH | Reconciled |
| SUB-TOTAL IRWD WELLS FARGO ACH DISBURSEMENTS | | | 19,227,043.87 | | |

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| 1002346 | 4-Jan-24 | Bronstein, Louis (Lou) | 82.45 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002347 | 4-Jan-24 | Cervantes, Angel | 52.40 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002348 | 4-Jan-24 | Compton, Christine A | 25.04 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002349 | 4-Jan-24 | Coria, Alejandro (Alex) | 37.46 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002350 | 4-Jan-24 | De Castro, Earl | 31.31 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002351 | 4-Jan-24 | Garcia, Alejandro (Alex) | 40.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002352 | 4-Jan-24 | Kulick, Michael | 77.42 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002353 | 4-Jan-24 | Ramirez, Miguel | 49.26 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002354 | 4-Jan-24 | Rigby, Lori Ann | 61.57 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002355 | 4-Jan-24 | Rios, Elias L | 98.25 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002356 | 4-Jan-24 | Santos, Lina | 17.55 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002357 | 4-Jan-24 | Shapiro, Matthew | 56.99 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002358 | 4-Jan-24 | Spangenberg, Carl W (Carl) | 120.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002359 | 4-Jan-24 | Valencia, Reynaldo (Rey) | 57.50 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002360 | 4-Jan-24 | Vega Beltran, Benjamin Vega | 85.94 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002361 | 4-Jan-24 | Villella, Aaren | 98.12 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002362 | 4-Jan-24 | Vu, Johnny T (Johnny) | 19.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002393 | 11-Jan-24 | Acosta, Monica (Monica) | 29.87 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002394 | 11-Jan-24 | Borowski, Michael (Mike) | 221.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002395 | 11-Jan-24 | De Castro, Earl | 32.03 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002396 | 11-Jan-24 | Garcia, Dorys Elizabeth | 91.70 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002397 | 11-Jan-24 | Kulick, Michael | 253.38 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002398 | 11-Jan-24 | Nguyen, Jeanny | 29.60 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002399 | 11-Jan-24 | Pham, Amie | 12.18 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002400 | 11-Jan-24 | Pisal, Sudhir | 28.96 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002401 | 11-Jan-24 | Ramirez, Miguel | 151.14 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002402 | 11-Jan-24 | Reideler, Kevin | 190.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002403 | 11-Jan-24 | Richardson, Kyle | 28.19 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002404 | 11-Jan-24 | Shapiro, Matthew | 152.06 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002405 | 11-Jan-24 | Smith, Brianna | 18.22 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002406 | 11-Jan-24 | Trigg, Tyler | 65.29 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002407 | 11-Jan-24 | Valencia, Reynaldo (Rey) | 80.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002408 | 11-Jan-24 | Van Deusen, Scott A (Scott) | 324.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002445 | 18-Jan-24 | Berry, Wyatt | 42.88 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002446 | 18-Jan-24 | Bosley, Kelleen M | 17.23 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002447 | 18-Jan-24 | Engstrom, Scott | 157.20 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002448 | 18-Jan-24 | Folmar, Mathew Larry | 74.12 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002449 | 18-Jan-24 | Garcia, Dorys Elizabeth | 46.90 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002450 | 18-Jan-24 | Grier, Corey | 28.54 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002451 | 18-Jan-24 | Jakubas-Pufal, Dorota | 25.46 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002452 | 18-Jan-24 | Madding, Joshua | 95.27 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002453 | 18-Jan-24 | Mendoza, Evelyn | 50.25 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002454 | 18-Jan-24 | Nguyen, Jeanny | 15.14 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002455 | 18-Jan-24 | Ordonez, Bernardino A (Berny) | 125.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002456 | 18-Jan-24 | Pennington, Jared (Jared) | 110.49 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002457 | 18-Jan-24 | Shapiro, Matthew | 100.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002458 | 18-Jan-24 | Vu, Johnny T (Johnny) | 19.43 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002459 | 18-Jan-24 | Wilson, Brett | 100.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002482 | 25-Jan-24 | Almazan, Robert (Chris) | 54.27 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002483 | 25-Jan-24 | Berry, Wyatt | 42.88 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002484 | 25-Jan-24 | Cariker, Cody J (Cody) | 28.14 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002485 | 25-Jan-24 | Cervantes, Angel | 26.80 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002486 | 25-Jan-24 | Chauv, Denise | 49.95 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002487 | 25-Jan-24 | Cronin, Gregory | 37.69 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002488 | 25-Jan-24 | Daniel, Matthew (Matthew) | 135.17 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002489 | 25-Jan-24 | Frost, Garrick A (Garrick) | 57.09 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR JANUARY 2024**

| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|---|--------------|--|---------------------|--|------------|
| 1002490 | 25-Jan-24 | Garibay, Erika Isela | 21.84 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002491 | 25-Jan-24 | Koenig, Timothy (Tim) | 83.38 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002492 | 25-Jan-24 | Madding, Joshua | 95.27 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002493 | 25-Jan-24 | Martinez, Michael P. | 221.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002495 | 25-Jan-24 | Matuska, Ryan Scott | 613.44 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002496 | 25-Jan-24 | Nguyen, Jeanny | 15.14 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002497 | 25-Jan-24 | Olivolo, Eric J (Eric) | 34.30 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002498 | 25-Jan-24 | Orozco, Linda | 321.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002499 | 25-Jan-24 | Rajae, Omid | 275.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002500 | 25-Jan-24 | Rice, Tera L | 21.44 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002501 | 25-Jan-24 | Rios, Elias L | 33.50 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002503 | 25-Jan-24 | Santos, Lina | 17.96 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002504 | 25-Jan-24 | Shapiro, Matthew | 60.47 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002505 | 25-Jan-24 | Smith, Brianna | 18.22 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002506 | 25-Jan-24 | Souza, Allen Kuhlilani | 319.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002507 | 25-Jan-24 | Villalta, Jonathan | 39.53 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002508 | 25-Jan-24 | Weghorst, Paul A (Paul) | 31.00 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| 1002509 | 25-Jan-24 | Yue, Andrew R (Andrew) | 42.88 | IRWD Wells Fargo ACH for Expense Reports | Reconciled |
| SUB-TOTAL IRWD WELLS FARGO ACH FOR EXPENSE REPORTS | | | 6,422.15 | | |
| 2000551 | 4-Jan-24 | HARRINGTON INDUSTRIAL PLASTICS LLC | 7,999.81 | IRWD Wells Fargo PC | Reconciled |
| 2000552 | 4-Jan-24 | INNOVATIVE MACHINE TOOL REPAIR LLC | 1,176.30 | IRWD Wells Fargo PC | Reconciled |
| 2000553 | 4-Jan-24 | PARKHOUSE TIRE INC | 453.73 | IRWD Wells Fargo PC | Reconciled |
| 2000554 | 4-Jan-24 | POLYDYNE INC | 17,843.40 | IRWD Wells Fargo PC | Reconciled |
| 2000555 | 4-Jan-24 | THOMPSON & PHIPPS INC | 21,449.27 | IRWD Wells Fargo PC | Reconciled |
| 2000556 | 4-Jan-24 | TREE OF LIFE NURSERY | 5,738.77 | IRWD Wells Fargo PC | Reconciled |
| 2000557 | 11-Jan-24 | CAPTIVE AUDIENCE MARKETING INC. | 79.00 | IRWD Wells Fargo PC | Reconciled |
| 2000558 | 11-Jan-24 | CULLIGAN OF SANTA ANA | 25,305.00 | IRWD Wells Fargo PC | Reconciled |
| 2000559 | 11-Jan-24 | FERGUSON ENTERPRISES, LLC | 58,865.24 | IRWD Wells Fargo PC | Reconciled |
| 2000560 | 11-Jan-24 | FLEET SOLUTIONS LLC | 5,239.26 | IRWD Wells Fargo PC | Reconciled |
| 2000561 | 11-Jan-24 | HARRINGTON INDUSTRIAL PLASTICS LLC | 6,231.60 | IRWD Wells Fargo PC | Reconciled |
| 2000562 | 11-Jan-24 | IDEXX DISTRIBUTION, INC | 2,855.38 | IRWD Wells Fargo PC | Reconciled |
| 2000563 | 11-Jan-24 | INNOVATIVE MACHINE TOOL REPAIR LLC | 5,103.72 | IRWD Wells Fargo PC | Reconciled |
| 2000564 | 11-Jan-24 | NCL OF WISCONSIN INC | 801.46 | IRWD Wells Fargo PC | Reconciled |
| 2000565 | 11-Jan-24 | POLYDYNE INC | 5,775.30 | IRWD Wells Fargo PC | Reconciled |
| 2000566 | 11-Jan-24 | UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA | 4,630.31 | IRWD Wells Fargo PC | Reconciled |
| 2000567 | 18-Jan-24 | FERGUSON ENTERPRISES, LLC | 3,454.90 | IRWD Wells Fargo PC | Reconciled |
| 2000568 | 18-Jan-24 | HARRINGTON INDUSTRIAL PLASTICS LLC | 3,487.04 | IRWD Wells Fargo PC | Reconciled |
| 2000569 | 18-Jan-24 | PARKHOUSE TIRE INC | 3,821.19 | IRWD Wells Fargo PC | Reconciled |
| 2000570 | 18-Jan-24 | THERMO ELECTRON NORTH AMERICA LLC | 7,435.00 | IRWD Wells Fargo PC | Reconciled |
| 2000571 | 18-Jan-24 | THOMPSON & PHIPPS INC | 235.97 | IRWD Wells Fargo PC | Reconciled |
| 2000572 | 18-Jan-24 | WECK LABORATORIES INC | 4,953.00 | IRWD Wells Fargo PC | Reconciled |
| 2000573 | 25-Jan-24 | ACCUSOURCE, INC. | 1,201.85 | IRWD Wells Fargo PC | Reconciled |
| 2000574 | 25-Jan-24 | AVISTA TECHNOLOGIES, INC | 23,189.43 | IRWD Wells Fargo PC | Reconciled |
| 2000575 | 25-Jan-24 | FERGUSON ENTERPRISES, LLC | 20,063.29 | IRWD Wells Fargo PC | Reconciled |
| 2000576 | 25-Jan-24 | GOLF COURSE SOLUTIONS, LLC | 400.00 | IRWD Wells Fargo PC | Negotiable |
| 2000577 | 25-Jan-24 | PARKHOUSE TIRE INC | 260.05 | IRWD Wells Fargo PC | Reconciled |
| 2000578 | 25-Jan-24 | POLYDYNE INC | 80,295.30 | IRWD Wells Fargo PC | Negotiable |
| 2000579 | 25-Jan-24 | S & J SUPPLY CO INC | 36,015.82 | IRWD Wells Fargo PC | Reconciled |
| 2000580 | 25-Jan-24 | THOMPSON & PHIPPS INC | 7,564.06 | IRWD Wells Fargo PC | Reconciled |
| SUB-TOTAL IRWD WELLS FARGO PC | | | 361,924.45 | | |
| 100081 | 12-Jan-24 | BANK OF NEW YORK MELLON TRUST COMPANY NA | 206,895.73 | IRWD Wells Fargo Wire | Negotiable |
| 100082 | 12-Jan-24 | U.S. BANK NATIONAL ASSOCIATION | 106,890.41 | IRWD Wells Fargo Wire | Negotiable |
| 100083 | 12-Jan-24 | BANK OF AMERICA | 103,043.81 | IRWD Wells Fargo Wire | Negotiable |
| 100084 | 12-Jan-24 | SUMITOMO MITSUI BANKING CORPORATION | 32,609.47 | IRWD Wells Fargo Wire | Negotiable |
| 100085 | 12-Jan-24 | U.S. BANK NATIONAL ASSOCIATION | 17,222.42 | IRWD Wells Fargo Wire | Negotiable |
| 100086 | 12-Jan-24 | U.S. BANK NATIONAL ASSOCIATION | 51,048.44 | IRWD Wells Fargo Wire | Negotiable |
| 100087 | 12-Jan-24 | SUMITOMO MITSUI BANKING CORPORATION | 83,630.96 | IRWD Wells Fargo Wire | Negotiable |
| 100088 | 12-Jan-24 | U.S. BANK NATIONAL ASSOCIATION | 35,885.64 | IRWD Wells Fargo Wire | Negotiable |
| 100089 | 12-Jan-24 | BANK OF AMERICA | 32,599.26 | IRWD Wells Fargo Wire | Negotiable |
| 100090 | 30-Jan-24 | BANK OF AMERICA | 885.00 | IRWD Wells Fargo Wire | Negotiable |
| 100091 | 30-Jan-24 | BANK OF NEW YORK MELLON TRUST COMPANY NA | 4,915,012.50 | IRWD Wells Fargo Wire | Negotiable |
| 100092 | 31-Jan-24 | BANK OF NEW YORK MELLON TRUST COMPANY NA | 17,582.42 | IRWD Wells Fargo Wire | Negotiable |
| SUB-TOTAL IRWD WELLS FARGO WIRE DISBURSEMENTS | | | 5,603,306.06 | | |
| 15752 | 2-Jan-24 | YORK RISK SERVICES GROUP, INC. | 56,737.28 | IRWD Wire | Negotiable |
| 15753 | 2-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 2,528.45 | IRWD Wire | Negotiable |
| 15754 | 2-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 7,996.42 | IRWD Wire | Negotiable |
| 15755 | 10-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 1,850.40 | IRWD Wire | Negotiable |
| 15756 | 4-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 1,145.75 | IRWD Wire | Negotiable |
| 15757 | 8-Jan-24 | INTERNAL REVENUE SERVICE | 279,884.50 | IRWD Wire | Negotiable |
| 15758 | 8-Jan-24 | FRANCHISE TAX BOARD | 93,199.88 | IRWD Wire | Negotiable |
| 15759 | 8-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 312.00 | IRWD Wire | Negotiable |
| 15760 | 8-Jan-24 | EMPLOYMENT DEVELOPMENT DEPARTMENT | 12,482.67 | IRWD Wire | Negotiable |
| 15761 | 8-Jan-24 | CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES | 3,407.03 | IRWD Wire | Negotiable |
| 15762 | 8-Jan-24 | EMPOWER RETIREMENT, LLC | 169,337.52 | IRWD Wire | Negotiable |
| 15763 | 8-Jan-24 | CALPERS | 294,689.46 | IRWD Wire | Negotiable |
| 15764 | 8-Jan-24 | CALPERS | 26,083.80 | IRWD Wire | Negotiable |
| 15765 | 8-Jan-24 | CALPERS | 1,088.15 | IRWD Wire | Negotiable |
| 15766 | 8-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 5,694.29 | IRWD Wire | Negotiable |
| 15767 | 8-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 15,202.55 | IRWD Wire | Negotiable |

IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR JANUARY 2024

| CHECK OR ELECTRONIC # | PAYMENT DATE | SUPPLIERS | PAYMENT AMOUNT | PAYMENT METHOD | STATUS |
|--|--------------|---|----------------------|--|------------|
| 15768 | 9-Jan-24 | YORK RISK SERVICES GROUP, INC. | 2,344.15 | IRWD Wire | Negotiable |
| 15769 | 16-Jan-24 | INTERNAL REVENUE SERVICE | 274,648.61 | IRWD Wire | Negotiable |
| 15770 | 16-Jan-24 | FRANCHISE TAX BOARD | 90,927.45 | IRWD Wire | Negotiable |
| 15771 | 16-Jan-24 | EMPLOYMENT DEVELOPMENT DEPARTMENT | 21,056.41 | IRWD Wire | Negotiable |
| 15772 | 16-Jan-24 | CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES | 3,407.03 | IRWD Wire | Negotiable |
| 15773 | 16-Jan-24 | EMPOWER RETIREMENT, LLC | 245,910.35 | IRWD Wire | Negotiable |
| 15774 | 16-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 13,261.94 | IRWD Wire | Negotiable |
| 15775 | 16-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 5,413.75 | IRWD Wire | Negotiable |
| 15776 | 16-Jan-24 | YORK RISK SERVICES GROUP, INC. | 2,479.17 | IRWD Wire | Negotiable |
| 15777 | 17-Jan-24 | CALPERS | 747,109.98 | IRWD Wire | Negotiable |
| 15778 | 17-Jan-24 | CALPERS | 4,620.74 | IRWD Wire | Negotiable |
| 15779 | 17-Jan-24 | CALPERS | 306,700.50 | IRWD Wire | Negotiable |
| 15780 | 17-Jan-24 | BANK OF AMERICA | 1,516.42 | IRWD Wire | Negotiable |
| 15781 | 22-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 10,919.40 | IRWD Wire | Negotiable |
| 15782 | 22-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 4,951.01 | IRWD Wire | Negotiable |
| 15783 | 22-Jan-24 | CALPERS | 2,250.00 | IRWD Wire | Negotiable |
| 15784 | 23-Jan-24 | YORK RISK SERVICES GROUP, INC. | 1,307.04 | IRWD Wire | Negotiable |
| 15785 | 29-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 16,088.42 | IRWD Wire | Negotiable |
| 15786 | 29-Jan-24 | CHARD SNYDER & ASSOCIATES, INC. | 6,139.87 | IRWD Wire | Negotiable |
| 15787 | 30-Jan-24 | YORK RISK SERVICES GROUP, INC. | 232.11 | IRWD Wire | Negotiable |
| 15788 | 31-Jan-24 | INTERNAL REVENUE SERVICE | 264,449.43 | IRWD Wire | Negotiable |
| 15789 | 31-Jan-24 | FRANCHISE TAX BOARD | 87,646.97 | IRWD Wire | Negotiable |
| 15790 | 31-Jan-24 | EMPLOYMENT DEVELOPMENT DEPARTMENT | 20,539.86 | IRWD Wire | Negotiable |
| 15791 | 31-Jan-24 | CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES | 3,407.03 | IRWD Wire | Negotiable |
| 15792 | 31-Jan-24 | EMPOWER RETIREMENT, LLC | 206,891.82 | IRWD Wire | Negotiable |
| 15793 | 31-Jan-24 | INTERNAL REVENUE SERVICE | 99.35 | IRWD Wire | Negotiable |
| 15794 | 31-Jan-24 | FRANCHISE TAX BOARD | 16.09 | IRWD Wire | Negotiable |
| 15795 | 31-Jan-24 | EMPLOYMENT DEVELOPMENT DEPARTMENT | 13.53 | IRWD Wire | Negotiable |
| 15796 | 31-Jan-24 | CALPERS | 308,156.72 | IRWD Wire | Negotiable |
| SUB-TOTAL IRWD BOFA WIRE DISBURSEMENTS | | | 3,624,145.30 | | |
| SUB-TOTAL BOFA AND WELLS FARGO CHECK AND ELECTRONIC DISBURSEMENTS | | | 36,955,236.88 | | |
| 1002444 | 18-Jan-24 | Almazan, Robert (Chris) | 54.27 | IRWD Wells Fargo ACH for Expense Reports | Voided |
| 1002494 | 25-Jan-24 | Martinez, Tony | 32.29 | IRWD Wells Fargo ACH for Expense Reports | Voided |
| 1002502 | 25-Jan-24 | Santos, Jonathan | 125.00 | IRWD Wells Fargo ACH for Expense Reports | Voided |
| SUB-TOTAL BOFA AND WELLS FARGO CHECK AND ELECTRONIC ISSUED AND VOIDED IN JAN 2024 | | | 211.56 | | |
| TOTAL | | | 36,955,448.44 | | |

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Exhibit "E"

MONTHLY SUMMARY OF PAYROLL ACH PAYMENTS

**January
2024**

| | AMOUNT | VENDOR | PURPOSE |
|-----------|------------------------------|-----------------|--------------------------|
| 1/12/2024 | 1,280,518.15 | BANK OF AMERICA | ACH Payments for Payroll |
| 1/26/2024 | 1,224,257.12 | BANK OF AMERICA | ACH Payments for Payroll |
| | <u>\$2,504,775.27</u> | | |

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IRWD Gov Code 53065.5 Disclosure Report

Payment or Reimbursements for Individual charges of \$100 or more per transaction for services or product received.

01-JAN-24 to 31-JAN-24

| NAME | CHECK NO. | CHECK DATE | AMOUNT | ITEM DESCRIPTION | EXPENSE JUSTIFICATION |
|-----------------------|-----------|------------|-------------------|------------------|---|
| Borowski, Mike | 1002394 | 11-Jan-24 | 221.00 | Membership | CWEA renewal |
| Martinez, Michael | 1002493 | 25-Jan-24 | 221.00 | Membership | CWEA renewal |
| Matuska, Ryan | 1002495 | 25-Jan-24 | 613.44 | Airfare | Oracle Conference, Austin, TX - March 24-28, 2024 |
| Ordonez, Bernardino | 1002455 | 18-Jan-24 | 125.00 | Other(Misc) | Safety shoe allowance |
| Orozco, Linda | 1002498 | 25-Jan-24 | 321.00 | Membership | American Water Works Association (AWWA) renewal |
| Rajae, Omid | 1002499 | 25-Jan-24 | 150.00 | Membership | CISPP annual maintenance fee |
| Rajae, Omid | 1002499 | 25-Jan-24 | 125.00 | Membership | CISPP annual renewal |
| Reideler, Kevin | 1002402 | 11-Jan-24 | 100.00 | Certification | SWRCB Water Treatment Grade III |
| Santos, Jonathan | 1002502 | 25-Jan-24 | 125.00 | Other(Misc) | Safety Shoe Allowance |
| Shapiro, Matthew | 1002457 | 18-Jan-24 | 100.00 | OT Meal | Overtime meals for Matt Shapiro, Mike Kulick, Nick Coleman, Rey Valencia, Tony Martinez |
| Souza, Allen Kuhilani | 1002506 | 25-Jan-24 | 221.00 | Membership | CWEA renewal |
| Spangenberg, Carl | 1002358 | 4-Jan-24 | 120.00 | Certification | SWRCB Water Treatment Operator Grade III |
| Van Deusen, Scott | 1002408 | 11-Jan-24 | 221.00 | Membership | CWEA renewal |
| Van Deusen, Scott | 1002408 | 11-Jan-24 | 103.00 | Certification | CWEA Collections Grade II |
| Total Amount: | | | \$2,766.44 | | |

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March 11, 2024
Prepared and
Submitted by: T. Mitcham
Approved by: Paul A. Cook

CONSENT CALENDAR

REVISED PERSONNEL POLICIES AND PROCEDURES

The Irvine Ranch Water District Personnel Policies and Procedures are in place to ensure compliance with applicable laws, to maintain best practices in policy and procedure administration, and to accurately reflect processes adopted for the efficient and effective conduct of District business relative to personnel and other Human Resources related matters. Revisions to these policies are necessary from time to time to reflect legal changes and evolving best practices. Staff recommends that the Board adopt the revised Personnel Policies and Procedures to comply with existing laws and to incorporate best practices.

BACKGROUND:

The District has developed and adopted Personnel Policies and Procedures to consistently address personnel related issues at IRWD. Staff regularly reviews the policies and procedures to ensure compliance with current employment and labor laws, regulations, practices, procedures, and Memoranda of Understanding.

Staff recently evaluated the IRWD Personnel Policies and Procedures. To ensure the Policies and Procedures comply with current law and reflect current practices, staff proposes revisions to the policies as shown in Exhibit “A”. These changes are summarized as follows:

- General Provision (No. 1) – Revised to authorize the General Manager to update the Policies and Procedures as necessary to comply with new state and federal laws and regulations;
- Hiring and Probation (No. 6) – Revised to reflect current practices;
- Sick Leave (No. 16) – Revised to comply with current practices and new legal changes under Senate Bill 616 relating to minimum sick leave requirements;
- Vacation (No. 18) – Revised to permit employees to take time off for vacation leave during the first six months of employment;
- Family and Medical Care Leaves of Absence (No. 19), Leave of Absence for Reproductive Loss (No. 19.3) – Adds a new addendum to Policy 19, numbered 19.3, to comply with the new legal changes made under Senate Bill 848, allowing an eligible employee to take up to five days of reproductive loss leave within three months of the event, subject to certain conditions. Current Policy No. 19.3 will be renumbered 19.4;
- Education and Training (No. 23) – Revised to incorporate required performance standards and eliminate the limit on pre-approved degree and certification incentives;
- Deferred Compensation (No. 39) – Revised to comply with current practices; and
- Use of Computer Systems and Accounts (No. 44) – Revised to address the use of Artificial Intelligence to perform work tasks or activities.

IRWD's special legal counsel has reviewed the Personnel Policies and Procedures revisions. The proposed changes were also submitted to the International Brotherhood of Electrical Workers (IBEW), Local #47, representing the District's General Unit Employees and Non-Exempt Supervisor Unit employees for their review and comment as required under the Meyers-Milias-Brown Act (Government Code Section 3500-3511).

To implement the proposed revisions to Policy Nos. 1, 6, 16, 18, 19.3, 23, 39, and 44, staff recommends that the Board adopt the resolution attached as Exhibit "A" which reflects the changes described above.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Finance and Personnel Committee on March 5, 2024.

RECOMMENDATION:

THAT THE BOARD ADOPT THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION NO. 2024-3

RESOLUTION OF THE BOARD OF DIRECTORS OF
IRVINE RANCH WATER DISTRICT,
SUPERSEDING RESOLUTION NO. 2023-3,
ESTABLISHING REVISED PERSONNEL POLICIES AND PROCEDURES

LIST OF EXHIBITS:

Exhibit "A" – Resolution Establishing Revised Personnel Policies and Procedures

RESOLUTION NO. 2024 - 3

RESOLUTION OF THE BOARD OF DIRECTORS OF
IRVINE RANCH WATER DISTRICT
SUPERSEDING RESOLUTION NO. 2023-3,
ESTABLISHING REVISED PERSONNEL POLICIES AND PROCEDURES AND
DELEGATING AUTHORITY TO THE GENERAL MANAGER TO UPDATE
PERSONNEL POLICIES AND PROCEDURES TO COMPLY WITH LAW

The Irvine Ranch Water District is a California Water District formed pursuant to California Water Code Section 34000, et seq.

Water Code Section 34900 provides that the Board of Directors shall employ and appoint such agents, officers and employees as may be required and prescribe their duties and fix their salaries.

By adoption of Resolution No. 2023-3 dated March 13, 2023, the Board established revised Personnel Policies and Procedures.

The Board of Directors revises its Personnel Policies and Procedures periodically to ensure compliance with current employment and labor laws and regulations.

The Board of Directors intends by this Resolution to revise the Personnel Policies and Procedures to comply with recently enacted state laws effective January 1, 2024.

To provide for the efficient amendment of the Personnel Policies and Procedures when mandated by state or federal law or regulation in the future, the Board also intends by this Resolution to delegate to the General Manager the authority to amend the Personnel Policies and Procedures as necessary to comply with new state or federal law or regulation.

The Board of Directors of Irvine Ranch Water District therefore resolves as follows:

Section 1. That Resolution No. 2023-3 is hereby superseded.

Section 2. That the Personnel Policies and Procedures for Irvine Ranch Water District set forth in Attachment 1 are hereby approved and adopted and effective as of the date of adoption.

ADOPTED, SIGNED AND APPROVED this 11th day of March 2024.

President, IRVINE RANCH WATER DISTRICT
and of the Board of Directors thereof

District Secretary, IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:
Hanson Bridgett LLP

By: _____
General Counsel

IRVINE RANCH WATER DISTRICT
PERSONNEL POLICIES AND PROCEDURES
POLICY NO. 1 – GENERAL PROVISIONS

1. The objective of the Irvine Ranch Water District (District) Personnel Policies and Procedures is to act as a guideline to explain policies and rules for all applicants for employment and District employees. These Policies also explain certain benefits provided by the District and certain prohibitions or work rules established by the District. Nothing in these policies shall be construed to create a contractual right of employment between the District and any employee.
2. Consistent with Sections 3500 et seq. of the California Government Code, the District reserves the right to amend, supplement, revise, or rescind any provisions, policies or procedures described in District Personnel Policies and Procedures whenever the District determines that such action is warranted. Such changes shall become effective upon adoption by the District Board.
3. The General Manager may update the Policies and Procedures as necessary to comply with new state and federal laws and regulations.
4. The Human Resources Department is responsible for administering the policies set forth in this manual. No individual, other than the General Manager, can make any written or verbal statements requiring the District to follow different personnel policies.
45. In the event of a clear conflict between these Policies and another District-wide or departmental policy, procedure, or practice, these Policies shall control, unless the General Manager has given advance authorization for the conflicting policy, procedure, or practice in writing. In the event of a clear conflict between these Policies and a valid Memorandum of Understanding, the Memorandum of Understanding shall control.

Adopted by IRWD Board of Directors on: **February 11, 2019**

IRVINE RANCH WATER DISTRICT
PERSONNEL POLICIES AND PROCEDURES
POLICY NO. 6 - HIRING AND PROBATION

I. IN GENERAL

A. Commitment to Compliance with Employment Laws Regarding Hiring

The District is committed to full compliance with state and federal laws affecting the hiring process. It is the District's policy to recruit, screen, employ, retain, promote, train, compensate, evaluate, terminate, and otherwise treat all job applicants on the basis of merit, qualifications, and competence. This policy shall be applied without regard to any individual's sex, sexual orientation, gender, gender identity, gender expression, race, color, religion, national origin, ancestry, pregnancy, age, marital status or registered domestic partner status, military or veteran status, genetic information, medical condition, physical or mental disability, or any other characteristic protected by applicable state or federal law. Further, the District does not discriminate against applicants or employees who are perceived to have such characteristics or who associate with an individual having such characteristics.

B. Position Categories

In an effort to determine eligibility for various benefits, the following position categories have been established:

- 1. Regular Full-Time Employee:** Hired to work on a regular basis for 40 hours/week. Eligible for all benefits.
- 2. Regular Part-Time Employee:** Hired to work on a regular basis for less than 40 hours/week. Eligible for all benefits on a pro-rated basis.
- 3. Temporary Employee:** Hired to work for a limited duration due to special projects, backlogs, or emergencies on either a full-time (40 hours/week) or part-time (less than 40 hours/week) basis. Only eligible for holiday pay, workers' compensation benefits, sick leave, and other benefits as required by law.
 - a. Student Intern:** A temporary employee who is actively enrolled as a student in an institution of higher learning at either the undergraduate or graduate level. Student Interns work less than 20 hours/week.

C. Posting

1. The Human Resources Department of the District is responsible for posting employment opportunities available within the District. Employment opportunities ordinarily will be posted for a minimum of five days via electronic communication methods.

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2. Employees who are interested in posted positions are required to complete an electronic application form via the District's on-line applicant tracking system prior to the posted closing date for the position.

D. Eligibility for Promotions and Transfers

1. The District encourages employees to apply for promotions to positions for which they are qualified. Promotional opportunities are posted via the District's on-line applicant tracking system and announced via email and the District's intranet system.
2. Employees ~~who have been employed by the District for at least six months and are~~ interested in consideration for posted positions are required to complete an electronic application form via the District's on-line applicant tracking system prior to the posted closing date. ~~Employees who have been employed with the District less than six months may not qualify for a transfer or promotion to another position if the change is not in the best interest of the District, as determined in the sole discretion of the Director of Human Resources.~~
3. Promotions and transfers shall be based on the ability, qualifications, and potential of the candidates for the positions. Employees are not automatically entitled to a promotion or transfer for which they apply.
4. The District is an Equal Employment Opportunity employer, as addressed in Policy 2.

E. Hire of Temporary Employee into Regular Status

1. A temporary employee who competes successfully for a regular position is not eligible for retroactive District benefits. Additionally, their anniversary date will not be adjusted to give the employee credit for the number of hours worked for the District as a temporary employee.

II. HIRING PROCESS

A. Minimum Qualification Review, Criminal Conviction History, and Salary History Information

1. Applications are reviewed by a Human Resources representative to determine those that meet the minimum qualifications of the job. The applications of all candidates who meet the minimum qualifications for an open position at the District will be forwarded to the appropriate Department by the Human Resources Department via the District's electronic applicant tracking system. Each department is responsible to provide information to the Human Resources Department regarding those applicants with whom the department wishes to invite for an interview.

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2. The District will not ask any applicant for employment to disclose, through any written form or verbally, at any time, information concerning an arrest or detention that did not result in conviction, or information concerning a referral to, and participation in, any pretrial or posttrial diversion program, or concerning a conviction that has been judicially dismissed or ordered sealed pursuant to law, including but not limited to, Sections 1203.4, 1203.4a, 1203.45, and 1201.1 of the Penal Code.
3. Unless otherwise required by law, the District will not ask an applicant for employment to disclose, orally or in writing, information concerning the conviction history of applicant, until the District has issued a conditional offer of employment. The job announcement for the position in question will advise whether a lawful exception to this Section and/or to Sections D.2.a.ii-iv applies.
4. The District will comply with applicable California law limiting the consideration and use of salary history information for applicants.

B. Hiring and Employment of Relatives, Individuals with a Residential Relationship, or Other Actual or Potential Conflicts of Interest

1. Applicants for employment who are relatives of employees or are individuals with whom employees reside are not eligible for employment with the District in any position or assignment where potential problems of supervision, safety, security or morale exist. Further, the District desires to avoid situations in which other actual or potential conflicts of interest may exist and may deny employment on that basis in accordance with applicable law.
 - a. For purposes of this policy, relatives include an employee's parent (including in-laws and stepparents), spouse, child (including stepchild), brother, and sister (including step siblings, brother-in-law and sister-in-law). Relatives also include an employee's registered domestic partner, and the parents, children, and siblings of a registered domestic partner
 - b. As noted above, these provisions are not limited to relatives and apply to other covered situations involving actual and potential conflicts of interest.
2. If two current employees become subject to the restrictions of this policy, the District reserves the right to determine whether or not an actual or potential conflict of interest or an effect on supervision, safety, security and/or morale exists. In any case where the District determines, in its sole discretion, that a relationship between two employees may create an actual or potential conflict of interest, or may affect supervision, safety, security or morale, the District may take whatever action it determines to be appropriate to avoid the actual or potential conflict of interest.
3. Any questions regarding this conflict of interest policy should be directed to the Director of Human Resources. If an employee becomes involved in any

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such actual or potential conflict of interest, he or she must notify his/her supervisor immediately.

C. Interview

An interview will be conducted with the selected applicants by a department representative, a representative of the Human Resources Department, and at least one other individual from within the District and/or from an external agency.

The department representative is responsible to work with Human Resources to prepare a list of job-related questions that will be asked during the interview. Each applicant will be asked the same general questions to ensure a fair and accurate evaluation of applicants interviewed.

D. Reference Checks and Verification of Education and Work History

1. Reference Checks

After obtaining any required authorization, the Human Resources Department or the hiring Department will contact any professional references identified by the applicant.

2. Work History Verification

A work history investigation will be conducted by the Human Resources Department or the investigative firm conducting the background check for all applicants being considered for employment. Information concerning the last three positions held or 10 years will generally be obtained. Falsification of work history will generally be grounds for immediate termination or withdrawal of an employment offer.

3. Educational History Verification

Educational history information based on the education requirements of the job will be verified for all candidates being considered for employment by the Human Resources Department or the investigative firm conducting the background checks. Falsification of school history will generally be grounds for immediate termination or withdrawal of the employment offer.

E. Offers of Employment and Related Procedures

Once a selection has been made from the applicants interviewed for an open position at the District, the process continues with the top candidate(s).

1. Conditional Offer of Employment

Offers of employment are made by an authorized representative of the Human Resources Department. Under no circumstances are offers of employment to be made by any other representative of the District without

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the consent and knowledge of the Director of Human Resources. Human Resources is responsible for approving all offers of employment. In some instances, the General Manager's approval may also be required. In the event such offers are made without the required consent or knowledge, they are not binding. After an offer of employment is made, employment is contingent upon successfully completing the following criteria.

a) **Background Screening and Conviction History**

An offer will be conditioned on a requirement that the applicant be undergo a background check (including a Consumer Credit Report and/or Investigative Consumer Report, where applicable) prior to beginning employment. Candidates may also be required to provide their driver's license number so that a Department of Motor Vehicle report can be obtained. The applicant will be notified of any applicable requirements, and will be required to provide background information and authorization to conduct an investigation. These investigations will be conducted for position categories where permitted by, and in accordance with, applicable state and federal laws.

- i) If the background screening discloses a previous criminal conviction, the Human Resources Director will conduct an individualized assessment, taking into account a number of factors in determining whether to disqualify the applicant and rescind the conditional offer of employment. Such factors may include the nature of the position, nature of the conviction, length of time since conviction and completion of any resulting incarceration or probation.
- ii) The Human Resources Director will then make a preliminary determination based on the results of the individualized assessment. If that preliminary determination is to disqualify an applicant based on conviction history, the Human Resources Director will issue a written notice of intent to the applicant, identifying the conviction at issue, including a copy of the conviction history report (if any), and advising of the applicant's right to respond within five business days to challenge the accuracy of the conviction history report and provide evidence of any mitigating circumstances. An applicant who notifies the Human Resources Director of efforts to obtain evidence disputing the conviction history information or report will receive an additional ten business days to respond.
- iii) After considering any information provided by the applicant, the Human Resources Director will make a final decision regarding disqualification. If the final decision is to disqualify the applicant based on conviction history, the

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Human Resources Director will provide written notice to the applicant of the decision and of the applicant's right to file a complaint with the California Department of Fair Employment and Housing.

b) Physical Examination

i) The final candidate(s) for the open position after completion of the background and conviction history screening process will be required to complete a physical examination to assess the candidate's ability to perform the essential functions of the job, with or without reasonable accommodation. The cost for the applicant's physical will be paid by the District. The candidates must successfully complete the physical examination to be considered for employment.

ii) Drug/Alcohol Screening – Safety Sensitive Positions

The District is committed to providing a safe, efficient and productive work place. To achieve this objective, the District desires to prevent drug or alcohol use from adversely affecting the work place. Accordingly, candidates for safety sensitive positions with the District are also required to satisfactorily take and pass a drug and alcohol screening examination prior to beginning employment. The screening will be performed at the District's expense in conjunction with the physical examination.

iii) Medical authorization for work will be kept confidential. Such documentation will be kept in the employee's confidential medical file.

c) Verification of Lawful Work Status Under Immigration Rules

The District is required by the federal immigration laws to verify the identity and legal ability to work of all individuals before they can be hired. In keeping with this obligation, documentation that shows each person's identity and legal authority to work must be inspected. Each employee must also attest to his/her legal authority to work by completing an I-9 Form (available in the Human Resources Department) provided by the federal government. This verification must be completed within three business days after an individual is hired. All offers of employment and continued employment for positions in the United States are contingent on furnishing satisfactory evidence of identity and legal authority to work in the United States.

F. Probationary Period

1. Conditions of Probation

- a) All new employees will be subject to a probationary period of 12 months. The probationary period is a period of time during which a new employee's work is closely monitored in order to determine if the employee is suited for the position for which he or she was hired. An employee may be released from District service at any time during the probationary period.
- b) Employees who are promoted after the completion of their initial probationary period will serve a 3 month probationary period in the new position.

2. Probationary Performance Evaluations

A Probationary Employee Review will be completed by the employee's direct supervisor and discussed with the employee after completion of 4 months of employment and again after 8 months of employment. A first annual evaluation will be completed at 12 months of employment. A rating of "3" (Meets Requirements) or better on the first annual review will indicate a satisfactory completion of the 12 month probationary review period and attainment of Regular employment status.

3. Extension of Probation

a) Leaves of Absence

The probationary period will be extended when a probationary employee is on a leave of absence of any kind for more than 14 consecutive calendar days during the probationary period. The probationary period will be extended for the length of time the probationary employee is on a leave of absence.

b) Extension for Performance Reasons

Probationary periods may be extended for up to 6 months for performance reasons. The reasons for the extension must be documented on a Probationary Employee Evaluation and approved by the General Manager or their designee and the Director of Human Resources. The total probationary period may not exceed 18 months, excluding periods of leave as described in Section E.3.a) of this policy.

c) Notice of Extension

Probationary employees must be notified in writing if their probationary period will be extended for performance reasons or due to a leave of absence. A probationary employee whose probation has been extended, and who has not since been rejected

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from probation, will be reviewed at the conclusion of the extended probationary period and will be notified whether they have successfully completed the probationary period.

4. Completion of Probation

Successful completion of the probationary period is not a guarantee of continued employment. Employment with the District is on an at-will basis. Both the employee and the District have the right to terminate the employment at any time, with or without cause or notice. This at-will basis may not be modified, abrogated or altered in any way, except: (a) in the case of a represented employee, in a memorandum of understanding, collective bargaining agreement, or other memorialization of agreement between the District and the exclusive representative of the employee; or (b) in the case of an employee without a collective bargaining representative, in a written agreement signed by the General Manager and ratified by the Board of Directors.

5. Change of Position During Probation

If a probationary employee changes positions during the initial probationary period, as provided for in Section I.D. of this policy, the probationary period for the new position shall be the greater of the remainder of the initial probationary period or the three month probationary period applied to all position changes.

F. Orientation Procedures

The District has established an orientation program to help new employees make a satisfactory adjustment to their new work environment. The Human Resources Department will arrange and conduct an orientation for all newly hired employees. The orientation presentation will include information on the District's policies and procedures, employee benefit information and enrollment, as well as general new employee information.

Adopted by IRWD Board of Directors on: ~~February 11, 2019~~

IRVINE RANCH WATER DISTRICT
PERSONNEL POLICIES AND PROCEDURES

POLICY NO. 16 - SICK LEAVE

I. GENERAL POLICY

- A. To minimize the economic hardships that may result from an unexpected short-term illness or injury to an employee or legal dependent, and comply with applicable California law, the District provides regular full-time employees, regular part-time employees, and temporary part-time employees with sick leave in accordance with the terms set forth in this Policy.
- B. The District reserves the right to require a satisfactory statement of a licensed physician whenever an employee misses work due to an illness, injury or disability. The employee may be asked to provide a physician's statement that verifies the nature of an illness, injury or disability, its beginning and ending dates, and/or the employee's ability to return to work without endangering his/her own safety or the safety of others. Although a physician's statement normally will not be requested for absences of less than three working days, the District may request such a statement in situations where it determines it is warranted.
- C. All employees are eligible to accrue and use paid sick leave in accordance with the applicable terms of this Policy.

II. ACCRUAL

- A. **Regular Employees:** Each regular employee will accrue sick leave hours at the rate of 96 hours per year; 3.69 hours per pay period, pro-rated based on a 40-hour weekly schedule. This accrual begins with the first day of employment, and is available for use as soon as hours are accrued. An employee will be allowed to accrue an unlimited number of sick leave hours.
- B. **Temporary Employees:** Each temporary employee will accrue sick leave at receive a fixed accrual rate for each pay period. accrue sick leave at the rate of 1 hour for every 30 hours worked, to a maximum of 48 hours (or the equivalent of six of the employee's usual work shifts, whichever is greater). This a accrual begins onwith the first day of employment, and is available for use as soon as hours are accrued and, followingupon completion of a 30-day eligibility period for new hires. The employee will accrue sick leave at a fixed accrual rate based on receive an amount equal to five (5) sick days over 26 pay periods (12- months), and the amount will depending on their assigned work schedule. For example, an employee who is on a 9/80 work schedule will accrueaccrual sick leave using a total of 44 hours (based on five work days per week) during a 12- month period. In turn, This employee will accruea 1.69 sick hours per pay period. The sick leave hour balance will be carried over from the end of the calendar year to the next new calendar year. Accrued sick leave up, to 48 hours (or the equivalent of six of the employees' usual work shifts, whichever is greater) may carry over to the following year of employment, calendar year or 12- months

~~period as determined by the District. The accrual cap for the temporary employee will be an amount equal to 10 (ten) sick days, the amount will depending on their assigned work schedule. For example, the accrual cap for an employee on a 4/10 schedule will be 100 hours (10 hours/day multiplied by 10 days). The accrual cap for an employee on a 9/80 schedule will be 88 hours (44 hours during a 5-day work week multiplied by two weeks). The accrual cap for an employee on a 5/40 schedule will be 80 hours (8 hours/day multiplied by 10 days). Employees will stop accruing once the accrual cap is reached. The accruals will stop once the temporary employee reaches their accrual cap. In no circumstance may a temporary employees' total accrual of sick leave exceed 48 hours (or the equivalent of six of the employee's usual work shifts, whichever is greater).~~

C. Sick Leave Accrual during Leaves of Absence

1. **Accrual during Paid Leave:** A regular employee on authorized leave of absence ~~who uses accrued paid leave for the entirety of a pay period~~ will continue to accrue sick leave hours at the same rate ~~for the pay period as~~ set forth in Section II.A. ~~Should a regular employee on authorized leave of absence use accrued paid leave for a portion of a pay period for partial pay during the pay period, the employee will accrue sick leave hours at a prorated rate that is proportional to the amount of accrued paid leave used during the pay period. , as long as accrued sick leave and vacation hours have not been exhausted and provided the employee is utilizing some portion of accrued leave benefits.~~ Once accrued sick leave and vacation hours have been exhausted, or if an employee elects not to coordinate benefits while on a leave of absence, the employee will cease to accrue sick leave hours until he/she returns to active employment status.
2. **Accrual during Consecutive Unpaid Leave:** An employee on an authorized leave of absence without pay, including extended military leave of absence, extended sick leave, or FMLA/CFRA/PDL leave, taken on a consecutive basis, will not accrue sick leave during such absences, unless otherwise required by law.
3. **Accrual during an Intermittent or Reduced Schedule Leave:** An employee on an authorized leave of absence taken on an intermittent or reduced schedule basis will accrue sick leave as provided in Section II.C.1.

D. Sick Leave Added Days

1. **Regular Employees:** The General Manager has the authority to loan, in writing, up to five (5) days of paid sick leave to an employee provided that all accrued sick leave and vacation hours have been exhausted. Unearned days of paid sick leave loaned to an employee must be repaid upon return to work. In the event the employee terminates employment prior to the complete repayment of loaned sick leave days, the employee is responsible for direct repayment to the District for the remaining number of hours.
2. **Temporary Employees:** The District will not loan or advance paid sick leave to temporary employees before it has been accrued.

III. USE OF SICK LEAVE

A. Permitted Reasons to Use Sick Leave: Upon oral or written request, employees may use sick leave for any of the following purposes:

1. Diagnosis, care, or treatment of an existing health condition of, or preventative care for, an employee or an employee’s family member.
 - a. For purposes of this Policy, “family member” includes a biological, adopted, or foster child, stepchild, legal ward, a child to whom the employee stands *in loco parentis*, or a child of a registered domestic partner, regardless of the child’s age or dependency status; a biological, adoptive, or foster parent, stepparent, or legal guardian of an employee or the employee’s spouse or registered domestic partner, or a person who stood *in loco parentis* when the employee was a minor child; a sibling, a spouse; a State of California registered domestic partner; a grandparent; a grandchild; or a designated person who the employee identifies when requesting sick leave (limited to one designated person per 12-month period).
 - b. The use of unused accumulated sick leave hours is allowed for pregnancy-related illness or disability, just as it is for other illness or disability.
2. For employees who are victims of domestic violence, sexual assault, or stalking, taking time off to obtain or attempt to obtain any relief, including, but not limited to, a temporary restraining order, restraining order, or other injunctive relief, to help ensure the health, safety, or welfare of the victim or his or her child.
3. For employees who are victims of domestic violence, sexual assault, or stalking, taking time off to seek medical attention for injuries caused by the domestic violence, sexual assault, or stalking; to obtain services from a domestic violence shelter, program, or rape crisis center as a result of domestic violence, sexual assault, or stalking; to obtain psychological counseling related to an experience of domestic violence, sexual assault, or stalking; and to participate in safety planning and take other actions to increase safety from future domestic violence, sexual assault, or stalking, including temporary or permanent relocation.
4. All employees are permitted to use accrued sick leave subject to the accrual requirements in this policy to cover time off during otherwise unpaid bereavement leave upon the death of a family member, as provided in Policy 17 - Bereavement.

B. Holidays during Sick Leave

In the event that any holiday occurs during a period when any employee is on paid sick leave, the holiday will not be charged against the employee's accumulated sick leave.

C. Coordination of Sick Leave with Disability Payments

When an employee becomes eligible for disability benefits from the State of California Employment Development Department’s State Disability Insurance (SDI) program, or

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workers' compensation, the employee may use accumulated sick leave hours to supplement these payments. Accrued sick leave benefits will be used to supplement such disability payments only to the extent necessary to provide total compensation equal to the employee's straight time compensation immediately before the beginning of the illness, disability or injury.

IV. PAYMENT FOR UNUSED SICK LEAVE

A. Upon Separation from Employment

1. Regular Employees

a. Eligibility

i. Regular employees who have worked for the District for at least 24 consecutive calendar months as a regular employee are eligible to receive payment for accrued and unused sick leave, as follows:

(A) An eligible employee who separates from employment voluntarily, through resignation, service retirement or disability retirement, must provide at least two weeks' notice prior to separation.

(I) Employees who provide notice prior to separating from District employment for any reason are not permitted to first exhaust accrued and unused sick leave unless used for a permitted reason in accordance with Section III of this Policy.

(B) Following the lay-off of an eligible District employee, payment will be issued in accordance with this Policy.

(C) Following the death of an eligible employee, payment will be made in accordance with applicable law and District policies and practices.

ii. Employees whose employment has been terminated by the District other than by lay-off are not eligible to be compensated for unused sick leave.

b. Amount: Eligible employees will receive the equivalent of fifty (50) percent of the employee's accrued sick leave to a maximum of 960 hours, times the employee's current hourly straight time pay rate.

2. Temporary Employees:

a. Temporary employees are not eligible to receive compensation at any time for accrued and unused sick leave.

B. Annual Payment for Unused Accrued Sick Leave

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1. Eligibility

- a. Regular employees may choose to receive payment for unused accrued sick leave, up to a maximum of 96 hours, once per year, in accordance with the terms in this Policy, as long as a minimum balance of 80 hours remains.
- b. Temporary employees are not eligible for any payment for unused accrued sick leave.

2. Elective Payouts of Sick Leave

- a. In lieu of using accrued Sick Leave for a covered leave, an employee with at least 11 years of service may elect to buyback (and receive cash payment of) Sick Leave at 100% value.

To make the election, an employee must, in November of the calendar year preceding the calendar year in which the employee wishes the buyback to occur, file an irrevocable election form with the District stating their intent to buy back the leave and identifying the number of Sick Leave hours covered by the election. The election form must be filed with the District’s Human Resources Department. The election will apply only to Sick Leave hours accrued in the same calendar year as the buyback (i.e., the calendar year following the filing of the election). An employee may elect to either (i) receive cash payment (“cashout”) of sick leave, (ii) contribute sick leave to his or her account under the District’s 457(b) plan, or (iii) a combination of both. Employees who do not file a valid election by November 30 of a preceding calendar year may not subsequently elect to buy back at 100% value any Sick Leave accrued in the following calendar year. For each calendar year, employees may make this election up to the number of hours specified below based on the year the accruals are earned:

| Years of Regular District Service | Amount of Buy-Back |
|--|--|
| 0-10 years (less than 11 years) | Up to 96 hours @ 50% |
| 11-15 years (less than 16 years) | Up to 30 hours @ 100%; remainder (up to 66 additional hours) @ 50% |
| 16-20 years (less than 21 years) | Up to 60 hours @ 100%; remainder (up to 36 additional hours) @ 50% |
| 21 years or more | Up to 96 hours @ 100% |

- b. In lieu of using accrued Sick Leave for a covered leave, an employee may elect to buyback Sick Leave, regardless of when accrued and regardless of the employee’s total years of service, at 50% value. This election is limited to 96 hours per calendar year; and any Sick Leave hours sold back during the calendar year at 100% value as permitted above will count towards that year’s 96-hour limit for buy back at 50% value. For example, if an employee with 12 years of service elects to buy back 30 hours of sick

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leave at 100% value, the employee may buy back an additional 66 hours at 50% value in the same calendar year.

- c. Payment of Sick Leave hours sold at 50% value will be made on or about November 30 after the employee's election. To make this election, an employee must file an election form with the District's Human Resources Department. An employee may elect to either (i) receive cash payment ("cashout") of sick leave, (ii) contribute sick leave to his or her account under the District's 457(b) plan, or (iii) a combination of both. An employee's buyback of Sick Leave may not reduce the employee's Sick Leave balance below 80 hours. Accordingly, the Sick Leave amount sold back (and the corresponding payment) to the employee will be lowered as needed to maintain the 80-hour minimum; and no buyback will occur if the employee's Sick Leave balance is 80 hours or less.

V. REINSTATEMENT OF UNUSED ACCRUED SICK LEAVE

If any employee who had a sick leave balance remaining at the time of separation from District employment, which balance was not paid out under the terms of Section IV. A. 1 above, is rehired by the District within one year from the date of separation, then that same balance will be reinstated to the employee. The rehired employee will be entitled to use the reinstated sick leave and to also accrue additional sick leave upon rehiring in accordance with this Policy.

VI. SICK LEAVE DONATION PROGRAM

A. In General

1. The Sick Leave Donation Program allows eligible employees who have accrued sick leave hours to voluntarily donate a portion of their accumulated hours to another employee who has exhausted his/her accrued sick and vacation leave due to a catastrophic illness or injury of the employee or the catastrophic illness or injury of an employee's dependent parent, spouse or registered domestic partner, or child requiring the employee's care and requiring the employee to be absent from work.
2. Catastrophic illness or injury is defined as a severe illness or injury which totally incapacitates a person for an extended period of time and is severely debilitating or life-threatening. Illnesses such as cancer, heart attack, or stroke would be considered catastrophic illnesses. Pregnancy without serious complications and routine illnesses, surgical procedures, and injuries, even those resulting in an extended leave of absence, do not qualify as catastrophic illness or injury. The Director of Human Resources will be responsible for reviewing the eligibility of an employee to receive donated sick leave and making a recommendation to the General Manager for approval. The approval process may require appropriate medical documentation certifying the existence of a catastrophic illness or injury of the employee or family member (no medical diagnosis information).
3. The decision to make a donation of sick leave to another employee through the Sick Leave Donation Program is voluntary. No employee is to be coerced or

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intimidated into making a donation of sick leave or to coerce or intimidate another employee. Donations of sick leave may not involve any form of payment or compensation, financial or otherwise, between the donor and recipient. The District will not solicit sick leave donations on behalf of any qualifying individual.

B. Eligibility

All regular, full-time employees who have completed their initial probationary period and meet other applicable qualifications set forth in this Policy are eligible to participate in the Sick Leave Donation Program as a donor or recipient.

C. Procedures for Utilizing Donated Sick Leave

1. In order to receive donated sick leave through the Sick Leave Donation Program, an employee must meet the following requirements:
 - a. The employee must have been on an approved Leave of Absence for a catastrophic illness or injury as defined above for at least 30 calendar days prior to the use of any donated sick leave.
 - b. The employee must have exhausted all of his/her sick and vacation accruals prior to the use of any donated sick leave.
 - c. The employee must be utilizing any applicable income replacement programs for which he/she qualifies (i.e. State Disability Insurance, Paid Family Leave, Long-Term Disability, Workers' Compensation benefits). Employees are only eligible to receive the amount of donated sick leave necessary to maintain 100% of their base salary after the application of any income replacement programs.
 - d. The employee must provide written notification to the Human Resources department of his/her desire to receive and utilize donated sick leave. With the notification, the employee must provide a written description of the catastrophic illness or injury, including how it may affect the employee and his/her dependent parent, spouse or registered domestic partner, or child and a statement that it will result in a substantial loss of income if no donated sick leave is received. In the event that the employee is physically or mentally unable to notify the Human Resources department, notification may be made by a member of the employee's immediate family (i.e., spouse, registered domestic partner, child or parent).
 - e. As described in this policy, the Director of Human Resources will be responsible for reviewing the eligibility of an employee to receive donated sick leave and making a recommendation to the General Manager for approval. The approval process may require appropriate medical documentation certifying the existence of a catastrophic illness or injury of the employee or family member (no medical diagnosis information). The General Manager's decision is not subject to any grievance or appeal procedures.

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2. An employee utilizing donated sick leave will not earn or be eligible to accrue any sick or vacation leave. Once an employee ceases to receive any portion of his/her pay from the use of his/her own accrued sick and vacation leave, accrual of additional vacation and sick leave hours will cease. Holidays falling during the period following exhaustion of vacation and sick leave benefits will not be paid to an employee even if they are utilizing donated sick leave.
3. If an employee returns to work on a part-time basis, sick and vacation leave will begin accruing on a pro-rated basis and these accrued balances will be utilized for coordination of benefits before the utilization of any donated sick leave.
4. An employee utilizing donated sick leave is required to report the payments as additional wages, and the District will report such income on Form W-2 and withhold income and payroll taxes.
5. The existence or use of donated sick leave is not a guarantee of continued employment past the end of the approved leave of absence as detailed in applicable District policy.

D. Procedures for Donating Sick Leave

1. An employee may complete a “Donation of Sick Leave” form to irrevocably donate accrued sick leave in one-hour increments for use by another eligible employee who has been determined to qualify for sick leave donations under the requirements listed above. The employee must certify that the donated sick leave is irrevocable.
2. In no case shall a donation of sick leave reduce the donor’s accrued sick leave balance below eighty (80) hours.
3. An employee may donate a maximum of 25% of his/her sick balance or forty (40) hours of accrued sick leave to an eligible employee, whichever is less. No employee will be allowed to donate more than forty (40) hours of sick leave in any twelve-month period.
4. The number of donated sick leave hours credited to the recipient will be calculated by multiplying the number of hours donated by the calculated hourly rate of the donor and then dividing that amount by the calculated hourly rate of the recipient.
5. The donated sick leave hours are deposited into a District-sponsored leave bank. The District will administer the leave bank and transfer donated sick leave hours to the recipient. Any and all hours that are donated to the leave bank are irrevocable.
5. Donated sick leave hours will be used to pay the recipient on a first in- first-out basis. Donated sick leave hours not used by the specified recipient will revert back to the District-sponsored leave bank following the end of the pay period in

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which the recipient no longer qualifies for the use of donated sick leave. It is the sole discretion of the General Manager or the General Manager's designee to determine when donated sick leave hours will revert to the District-sponsored leave bank. The District will determine the use and future distribution of such donated sick leave hours.

6. The donor will not be taxed on the value of the donated sick leave. The donor may not claim a charitable deduction, tax credit or any other credit or deduction on their individual tax return to reflect the donation of sick leave.

Adopted by IRWD Board of Directors on: ~~March 13, 2023~~

IRVINE RANCH WATER DISTRICT
PERSONNEL POLICIES AND PROCEDURES
POLICY NO. 18 - VACATION

I. GENERAL POLICY

- A. The District believes it is important for employees to take vacation leave on an annual basis when practicable, to enable them to take time off away from their job responsibilities in order to relax and refresh themselves physically and mentally.

II. RATES OF ACCRUAL

- A. **Regular Full-Time Employees:** All regular full-time employees will accrue vacation leave according to the following monthly schedule, based upon years of service:

| | |
|--|------------------------------------|
| Less than 5 years' service | 6.67 hours - (80 hours per year) |
| 5 or more years of service but less than 10 years | 10.00 hours - (120 hours per year) |
| 10 or more years of service | 13.33 hours - (160 hours per year) |
| 15 or more years of service but less than 20 years | 15.00 hours – (180 hours per year) |

- B. **Managers, Supervisors, Confidential, and Exempt Employees:** Managers, supervisors, confidential and exempt employees will accrue vacation according to the same monthly schedule set forth in Section II.A., until they have completed at least 20 years of service, at which time they will accrue vacation according to the following monthly schedule, based upon years of service:

| | |
|-----------------------------|------------------------------------|
| 20 or more years of service | 16.67 hours – (200 hours per year) |
|-----------------------------|------------------------------------|

- C. **Regular Part-Time Employees:** All regular part-time employees are eligible for pro-rated vacation leave based upon a 40-hour weekly schedule and years of service.

- D. **Temporary Employees:** Temporary employees are not eligible to accrue vacation leave.

E. **Vacation Accrual During Leaves of Absence**

1. **Accrual during Paid Leave:** A regular employee on authorized leave of absence will continue to accrue vacation hours at the same rate set forth in Sections II.A. or II.B. (Full-time) and Section II.C. (Part-time) as long as accrued sick leave and vacation hours have not been exhausted and provided that the employee is utilizing some portion of accrued leave benefits. Once accrued sick leave and vacation hours have been

POLICY NO. 18 – VACATION

exhausted, or if an employee elects not to coordinate benefits while on a leave of absence, the employee will cease to accrue vacation hours until he/she returns to active employment status.

2. **Accrual during Consecutive Unpaid Leave:** An employee on an authorized leave of absence without pay, including extended military leave of absence, extended sick leave, or FMLA/CFRA/PDL leave, taken on a consecutive basis, will not accrue vacation leave during such absences, unless otherwise required by law.
3. **Accrual during an Intermittent or Reduced Schedule Leave:** An employee on an authorized unpaid leave of absence taken on an intermittent or reduced schedule basis will accrue vacation at the same rate as set forth in Section II.A. or II.B. (Full-time) or Section II.C. (Part-time).

III. REQUESTS FOR VACATION LEAVE

~~A. Employees are not eligible to take time off for vacation leave during the first six (6) months of employment.~~

~~B.A.~~ Requests for vacation leave shall be made in advance by the employee to his/her immediate supervisor for appropriate approvals.

~~C.B.~~ Established District holidays occurring during scheduled vacation leave are not counted as vacation days.

IV. MAXIMUM ACCRUAL AND REDUCTION OF VACATION HOUR BALANCES

The maximum number of vacation hours accrued may not exceed the greater of 240 hours or two times an employee's annual accrual.

A. Voluntary Transfer of Vacation Hours

Once a year, in November, an employee who has taken at least 40 hours of vacation during the immediately preceding completed calendar year may elect to transfer into the employee's Deferred Compensation Plan account:

1. Any vacation hours accrued in excess of the employee's maximum accrual;
and/or
2. Any accrued vacation hours below the employee's maximum accrual, as long as the employee retains a balance of at least 80 vacation hours following the transfer.

Hours will be transferred at a rate of 100% of the employee's current pay rate at the time of transfer.

B. Voluntary Reduction of Vacation Hours by Managers, Supervisors, and Confidential Employees

In lieu of using accrued vacation leave for a covered leave, an employee may elect to either (i) receive cash payment (“cashout”) of vacation leave, (ii) contribute vacation leave to his or her account under the District’s 457(b) plan, or (iii) a combination of both. To make the election, an employee must, in November of the calendar year preceding the calendar year in which the employee wishes the cashout or contribution (or both) to occur, file an irrevocable election form with the District stating their intent to cashout or contribute the leave and identifying the number of vacation leave hours covered by the election. The election form must be filed with the District’s Human Resources Department. The election will apply only to vacation leave hours accrued in the same calendar year as the cashout or contribution (i.e., the calendar year following the filing of the election). Employees who do not file a valid election by November 30 of a preceding calendar year may not subsequently elect under this provision to cashout or contribute any vacation leave accrued in the following calendar year.

1. Limits on Cashouts and Contributions.

An employee’s election to receive cashouts or contributions of vacation leave for a calendar year is subject to the following limitations:

- The aggregate cashout and contribution may not reduce the employee’s vacation leave balance below 80 hours. Accordingly, the cashout or contribution amount will be lowered as needed to maintain the 80-hour minimum (if the employee elected both cashouts and contributions, the reduction will be made proportionally from both according to the election percentage); and no election or contribution will occur if the employee’s vacation leave balance is 80 hours or less.
- In order to transfer and/or sell back vacation hours at least 40 hours of vacation must have been used during the immediately preceding completed calendar year.
- If any part of the employee’s elected contribution cannot be made to the 457(b) plan due to contribution limits imposed by the tax laws, that amount will instead be paid in cash to the employee.
- The employee’s elected cashout or contribution will be processed in the calendar year following the election, at the time and in the manner determined by the District.

2. All cash payments are subject to state and federal withholdings.

C. Automatic Transfer of Vacation Hours in Excess of Maximum Accrual

1. In the event the employee’s accrued vacation balance by the end of January of a calendar year exceed the Vacation Accrual Maximum, the excess accruals will be automatically contributed by the District to the employee’s account under the District’s 401(a) defined contribution plan.

POLICY NO. 18 – VACATION

2. This transfer will be conducted once a year, generally in February, and hours will be transferred at a rate of 100% of the employee's current wage rate at the time of transfer. Employees are responsible for ensuring that their vacation accrual balance falls below the allowed maximum accrual if they do not wish to have vacation hours automatically transferred to their 401(a) defined contribution plan account.
3. If an employee's scheduled vacation is canceled at the District's request, or if extenuating circumstances arise which require an employee to accrue vacation leave in excess of the allowed maximum accrual, written approval may be granted by the General Manager to carry over the excess hours for a specified period of time, without automatic transfer.

V. PAYMENT FOR UNUSED VACATION LEAVE UPON SEPARATION

Upon separation from the District, employees shall be paid for unused accrued vacation hours through the date of separation. These unused accrued vacation hours shall be paid at the employee's current pay rate at the time of separation, regardless of the length of service with the District.

Adopted by IRWD Board of Directors on: ~~March 13, 2023~~

IRVINE RANCH WATER DISTRICT

PERSONNEL POLICIES AND PROCEDURES

POLICY NO. 19.3. – LEAVE OF ABSENCE FOR REPRODUCTIVE LOSS

I. GENERAL POLICY

- A. The District is committed to supporting all employees, and this includes enhancing benefits, programs, and policies designed to help employees balance their work and personal lives. Pursuant to this Policy, eligible employees have up to five (5) days of protected leave following a reproductive loss.
- B. For exempt employees, no deduction from salary will be made for leaves shorter than one full workweek. However, exempt employees may be required to use available, accrued paid leave in accordance with District policy.

II. LEAVE FOR REPRODUCTIVE LOSS

- A. **Purpose:** Eligible employees may take up to five (5) days of Reproductive Loss Leave following a reproductive loss by the employee, by the employee's current spouse or domestic partner, or by another individual if the employee would have been a parent of a child had the reproductive loss not occurred. "Reproductive loss" means a failed adoption, failed surrogacy, miscarriage, stillbirth, or an unsuccessful assisted reproduction. This leave is distinct from bereavement leave, family and medical leave (e.g., California Family Rights Act ("CFRA")), pregnancy disability leave ("PDL"), and other leaves of absence.
- B. **Eligibility:** Employees are eligible for reproductive loss leave if they have been working for the District for at least 30 days prior to the leave's start and suffer a qualifying event.
- C. **Amount of Leave:** Eligible employees may take leave for **up to five (5) days** when they suffer a reproductive loss event, which is the day or the final day for a multiple-day event of one of the following:
- **Failed adoption:** The dissolution or breach of an adoption agreement with the birth mother or legal guardian, or an adoption that is not finalized because it is contested by another party.
 - **Failed surrogacy:** The dissolution or breach of a surrogacy agreement, or a failed embryo transfer to the surrogate.
 - **Miscarriage:** A miscarriage by a person, by the person's current spouse or domestic partner, or by another individual who would have been a parent as a result of the pregnancy.
 - **Stillbirth:** A stillbirth resulting from a person's pregnancy, the pregnancy of a person's current spouse or domestic partner, or another individual that would have been a parent as a result of the pregnancy.

- **Unsuccessful assisted reproduction:** An unsuccessful round of intrauterine insemination or of an assisted reproductive technology procedure (i.e., artificial insemination or an embryo transfer, including gamete and embryo donation). Assisted reproduction does not include reproduction through sexual intercourse. This event applies to a person, the person's current spouse or domestic partner, or another individual if the person would have been a parent of a child born as a result of the pregnancy.

The five (5) days of leave do not need to be consecutive but must be completed within three (3) months of the reproductive loss event, with the exception that if an employee is on CFRA leave, PDL, or another leave protected by state or federal law at the time of or immediately following the reproductive loss event, the employee may use their reproductive loss leave within three (3) months of the end date of the other protected leave.

If an employee experiences more than one reproductive loss event within a 12-month period, they can receive another five days of leave, up to a maximum of 20 days within a 12-month period.

D. Compensation during Leave:

Reproductive loss leave is unpaid, but employees can use accrued and available sick, vacation, or Personal holiday time.

III. EMPLOYEE RESPONSIBILITIES AND DUTY TO COOPERATE

Employees requesting leave for reproductive loss are to complete a leave request form (PDF) and submit the form to Human Resources. Employees are expected to fully cooperate with the District in meeting the obligations and requirements set forth under this Policy, as well as those set forth in state and federal law. An employee's cooperation includes, but is not limited to, timely completion of all requested forms and responding to all inquiries for additional information. Employees on leave must respond to the District's reasonable inquiries and keep the District updated as to the status of the employee's leave.

Employees who have questions about their responsibilities under this Policy should direct their inquiries to Human Resources.

Adopted by IRWD Board of Directors on:

IRVINE RANCH WATER DISTRICT

PERSONNEL POLICIES AND PROCEDURES

POLICY NO. 23 - EDUCATION AND TRAINING

1. General Policy

The District encourages employees to seek further education and training in an effort to increase their competency and efficiency in their work, and to increase personal development. Knowledge in other work areas not directly related to an employee's job may also allow for organizational cross training.

2. Purpose of Policy

The purpose of this policy and procedure is to establish the guidelines and criteria for reimbursement for educational expenses and incentive pay for obtaining college and university degrees and other approved professional certificates after being hired by the District.

The District firmly believes that this policy will improve its ability to attract and retain outstanding employees, supervisors, and managers.

3. Eligibility

All regular full-time employees of the District who have been employed by the District for six (6) consecutive months and have received an overall performance rating of at least a "3" (Meets Requirements) or higher on their most recent performance evaluation, are eligible for education and training reimbursement. - Incentive pay for obtaining college and university degrees and approved professional certificates is also available to these employees. Educational reimbursement and incentive pay for the General Manager requires approval of the Board of Directors.

Requests for tuition reimbursement for classes taken above the Bachelor's degree level require special approval by the General Manager. Such requests will be subject to a more extensive process, including a costs/benefits analysis to determine the value to the District of the proposed courses or degree program.

Only education and training completed on an employee's personal time is eligible for reimbursement and incentive pay under this policy. Certifications and/or degrees completed by attending classes or training during paid working hours are not eligible for reimbursement and/or incentive pay under this policy.

4. Responsibility

The Human Resources Department is responsible for administering this policy and ensuring compliance.

5. Education & Training Expenses

A. Education and Training Reimbursement

Employees are eligible for reimbursement for the expenses related to classes taken in pursuit of a university or college degree program, an Occupational

POLICY NO. 23 - EDUCATION AND TRAINING

Program Certificate, or for professional or personal growth provided the following criteria are met:

- 1) Classes must be taken at a college, university, or learning institution accredited by a commission approved by the Council on Higher Education Accreditation and/or the U.S. Department of Education or approved by the District.
- 2) Eligible employees must complete an Application for Educational Assistance Form (available in the Human Resources Department) at the time of enrollment in the classes. On this form, the employee will outline the curriculum and projected costs that will be involved. The application must be approved by the employee's Department Director, the Director of Human Resources, and the General Manager. The original application will be kept in the employee's personnel file.
- 3) An employee is required to achieve an average grade point sufficient to enable completion of the curriculum in which he/she may be enrolled. Once an employee has completed the course with a passing grade of "C" or better, "Pass" or the equivalent, the District will reimburse up to seventy-five percent (75%) of the tuition and textbook costs. If an employee is eligible for Veteran's benefits, and such benefits are less than 75% of the total cost of tuition ~~and~~, books, ~~and registration~~ fees, the District will pay the difference required to bring the total reimbursement to 75%. Maximum reimbursement for tuition, ~~and textbook and registration~~ costs will be based on state college fees and approved by the General Manager on an annual basis.
- 4) Supplies required for particular courses may be considered for reimbursement; however, parking ~~and other registration~~-fees are not reimbursable
- 5) Original grades and receipts must be submitted to the Human Resources Department. Upon verification that the courses and expenses were previously approved, Human Resources will submit a check request for reimbursement of eligible expenses, less applicable taxes, to the employee. If the employee has exceeded the IRS-approved non-taxable education reimbursement amount, the amount of the reimbursement and the tax deducted will be included on the W-2 form issued to the employee.

B. Contact Hours and Continuing Education Units for Certificate of Competence Renewals

- 1) Employees holding job-required Certificates of Competence are required to complete the contacts hours in order to renew their certifications. The following rules establish District and employee responsibility for obtaining job-required contact hours:
 - a. Employees are responsible for ensuring that all required contact hours are completed in a timely manner.

POLICY NO. 23 - EDUCATION AND TRAINING

- b. Because no more than 25% of required contact hour credit can be obtained from attendance at District meetings such as safety tailgates, employees must obtain contact hour Continuing Education Units (CEUs) for job-required certification renewals by attending seminars or other means approved by the employee's supervisor or manager.
 - c. The District will pay for 100% of the cost of pre-approved seminars for the purpose of obtaining contact hour CEUs needed for job-required Certificate of Competence renewals. These seminars should be scheduled during an employee's normally scheduled working hours.
 - d. Under no circumstances will the District compensate an employee for any penalties for late renewal or pay overtime for an employee to attend a seminar outside of the normally scheduled working hours.
- 2) Employees holding non-job-required Certificates of Competence which they desire to keep active are also required to complete the contacts hours in order to renew their certifications. The following rules establish District and employee responsibility for obtaining non-job-required contact hours:
- a. Employees must complete an Application for Educational Reimbursement Form (available in the Human Resources Department) requesting District approval of seminars to be taken and detailing the number of CEUs required for renewal of the non-job-required Certificate of Competence.
 - i. This form must be submitted to the Director of Human Resources for review and approval prior to the first seminar being attended.
 - ii. The Director of Human Resources may discuss the potential value to the District of the Certificate of Competence with the employee, the employee's supervisor or manager, and/or other department supervisors or managers to determine if the request will be approved.
 - iii. If the request for Educational Assistance is denied, the employee may pursue contact hour CEUs outside of District working hours and will not be reimbursed for any of the expenses related to obtaining CEUs or the renewal of the non-job-required Certificate of Competence.
 - iv. If the request for Educational Assistance is approved, then the points listed in B.1) a-d above apply.

6. Incentive Program

A. University and College Degrees

District employees obtaining a college degree through an accredited program shall receive an incentive payment, less applicable taxes, in the amount set forth below, provided the degree exceeds the minimum job requirements of the employee's

POLICY NO. 23 - EDUCATION AND TRAINING

position. The degree must be job related, and/or provide a direct benefit to the District.

| <u>Degree</u> | <u>Net Award</u> |
|---------------|------------------|
| AA* | \$ 1,000 |
| BA/BS | \$ 1,000 |
| Masters ** | \$ 1,000 |
| Others | \$ 1,000 |

* Sixty college level units from an accredited institution shall be equivalent to an Associates (AA) degree.

* The District shall not compensate an employee a total of more than \$1,000 for obtaining an Associates (AA) Degree and an Occupational Program Certificate if the college units for which the employee already received an Occupational Program Certificate incentive are used to obtain an Associates (AA) degree, unless the employee completes at least 30 additional units in obtaining the AA degree. If the employee completes at least 30 additional units, he/she will be eligible for the full AA incentive payment.

** Approved by General Manager

Employees are responsible for submitting proof of Degree to the Human Resources Department. The Director of Human Resources will review the Degree to ensure compliance with this policy. If the Degree does comply with this policy, an Educational Incentive Program Request for Incentive Disbursement form will be completed and routed for signatures by the appropriate parties, including the General Manager. The incentive check will be forwarded to the appropriate Department Director to be presented to the employee to recognize his/her accomplishment.

The cash incentive payment, less applicable taxes, will be made payable to the employee. The amount of the award and the tax deducted will be included on the W-2 form issued to the employee.

B. Job-Related or Required Certificates of Competence

District employees shall receive an incentive cash payment in the amount of \$750 for obtaining each Certificate of Competence listed below, provided the certificate meets the following criteria:

- 1) Certificate of Competence exceeds the minimum job requirements established for the employee's position. Under no circumstances shall an employee receive an incentive for obtaining a Grade I or entry level Certificate other than the Engineering in Training or Water Distribution Operator I Certificates, unless approved by the Director of Human Resources and the General Manager.
- 2) Certificate of Competence is job-related or required or provides employee with valuable skills or knowledge for current or potential positions employee may hold within the District. All requests for certification incentives must be approved by the Director of Human Resources, as well as the employee's supervisor, manager, or department director. Employees

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who plan on pursuing a Certificate of Competence that is not directly related to their current position should verify with the Director of Human Resources whether the certification will qualify for an incentive prior to beginning the certification process.

- 3) Certificate of Competence is issued by the certifying agency or organization listed below.

Certificates of Competence Covered Under This Policy Include:

- Collection System Maintenance issued by CWEA
- Industrial Waste Inspection issued by CWEA
- Laboratory Technology or Laboratory Analyst issued by CWEA or AWWA
- Mechanical Technology issued by CWEA
- Electrical/Instrumentation Technology issued by CWEA
- Wastewater Treatment Plant Operator issued by SWRCB
- Water Treatment Plant Operator issued CA DPH
- Water Distribution Operator issued by CA DPH
- Engineer in Training issued by the State of California
- Registered Professional Engineer issued by the State of California
- Certified Public Accountant (CPA) issued by the State of California
- Certified Purchasing Manager issued by National Assn. of Purchasing Management
- Accredited Purchasing Professional issued by National Assn. of Purchasing Management
- Certified Payroll Professional issued by American Payroll Assn.
- Fundamental Payroll Certification issued by American Payroll Assn.
- Concrete Field Test Technician by American Concrete Institute
- Concrete Construction Special Inspector by American Concrete Institute
- Other Certificates of Competence approved by the General Manager

The District shall compensate the employee for the initial fee for Certification and renewal but will not compensate the employee for any penalties for renewal or provide an incentive payment to employees required to pass an examination for Certification renewal.

Any employee who is permitted to and successfully passes a higher grade certification test by skipping a lower grade will be compensated for the grade(s) skipped, as well as the grade achieved.

Employees requesting incentive payment for any Certificate of Competence that has an expiration date and requires contact hours and/or CEU's for renewal must commit to keeping the certification active in order to receive the incentive payment. Employees are responsible for submitting proof of Certification of Competence and Request for Incentive/Commitment to Renew Form to the Human Resources department. The Director of Human Resources will review the Certification to ensure compliance with this policy. If the Certification does comply with this policy, an Educational Incentive Program Request for Incentive Disbursement form will be completed and routed for signatures to the appropriate parties, including the General Manager. The incentive check will be forwarded to

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the appropriate Department Director to be presented to the employee to recognize his/her accomplishment.

Non-Exempt Supervisors Certificates of Competence Incentive Program

Non-Exempt Supervisor Unit employees who obtain a job-related Certificate of Competence which exceeds his/her minimum job requirements are eligible to receive a \$750.00 incentive payment for each Certificate received in accordance with District Policy.

Employees in the following classifications are eligible to receive an annual incentive in the amount of \$750 annually for obtaining and maintaining one of the Certificates of Competence listed below (for a maximum of one (1) certificate per employee):

- Operations Supervisor (Water)
 - State Water Resources Control Board T5
- Operations Supervisor (Recycling)
 - State Water Resources Control Board WW5

Employees in the following classifications are eligible to receive an annual incentive in the amount of \$300 for obtaining and maintaining one of the Certificates of Competence listed below (for a maximum of one (1) certificate per employee):

- Automation Supervisor
 - California Water Environment Association IV – Electrical & Instrumentation Technologist
- Collections Systems Supervisor
 - California Water Environment Association IV – Collection System Maintenance
- Construction Inspection Supervisor
 - State Water Resources Control Board T3
- Electrical Supervisor
 - California Water Environment Association IV – Electrical & Instrumentation Technologist
- Facilities Services Supervisor
 - California Contractor’s License issued by the California Contractors State License Board
- Fleet Supervisor

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- Certification by the Automotive Service Excellence (ASE) as a Certified Master Automotive Technician or Certified MED/Heavy Truck Master Technician
- Instrumentation Supervisor
 - California Water Environment Association IV – Electrical & Instrumentation Technologist
- Mechanical Services Supervisor
 - California Water Environment Association IV – Mechanical Technologist
- Water Maintenance Supervisor (Field Services)
 - State Water Resources Control Board D IV
- Water Maintenance Supervisor (Construction Services)
 - State Water Resources Control Board D IV or California Water Environment Association IV Collection System Maintenance
- Water Monitoring Supervisor
 - State Water Resources Control Board T3

The cash incentive payment, less applicable taxes, will be made payable to the employee. The amount of the award and the tax deducted will be included on the W-2 form issued to the employee.

C. Occupational Program Certificates

District employees shall receive an incentive cash payment in the amount of \$750 for each of the Occupational Program Certificates listed below which meets the following criteria:

- 1) Occupational Program Certificate is job-related or provides employee with valuable skills or knowledge for current or potential positions employee may hold within the District. All requests for Occupational Certification incentives must be approved by the Director of Human Resources, as well as the employee's supervisor, manager, or department director. Employees who plan on pursuing an Occupational Program Certificate that is not directly related to their current position should verify with the Director of Human Resources whether the certification will qualify for an incentive prior to beginning the certification process.
- 2) Occupational Program Certification must be offered through an accredited college or university.
- 3) Occupational Program Certificate requires the completion of at least 15 units of college class work. Under no circumstances will the District provide an incentive payment for an Occupational Program Certificate which includes credit from classes for which the employee has already

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received an incentive payment unless the employee was required to take at least 15 additional units to receive the subsequent certification.

Occupational Program Certificates Covered Under This Policy

Include:

- Accounting
- Architecture
- Auto Mechanics/Technology
- Finance
- Business Management
- Human Resources Management
- Chemical Technology
- Computer and Information Science
- Construction Technology
- Building Construction
- Construction Inspection
- Construction Management
- Drafting Technology
- Electrical or Electronic Technology
- Engineering
- Heavy Equipment Maintenance and Repair
- Chemistry
- Ornamental Horticulture
- Surveying Technology
- Welding Technology
- Business Applications & Technology
- Management
- Public Works
- Project Management
- Business Analyst
- Contract Management
- Environmental Management
- Occupational Safety & Health
- Facilities Management
- Water Distribution
- Water Treatment
- Wastewater Sanitation
- Water Utility Supervisor
- Other Occupational Program Certificates approved by the General Manager

Employees are responsible for submitting proof of having received an Occupational Program Certification to the Human Resources department. The Director of Human Resources will review the Certification to ensure compliance with this policy. If the Certification does comply with this policy, an Educational Incentive Program Request for Incentive Disbursement form will be completed and routed for signatures by the appropriate parties, including the General

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Manager. The incentive check will be forwarded to the appropriate Department Director to be presented to the employee to recognize his/her accomplishment.

The District shall not compensate an employee a total of more than \$1,000 for obtaining an Associates (AA) Degree and an Occupational Program Certificate if the college units for which the employee already received an Occupational Program Certificate incentive are used to obtain the Associates (AA) degree, unless the employee completes at least 30 additional units in obtaining the AA degree. If the employee completes at least 30 additional units, he/she will be eligible for the full AA incentive payment.

The cash incentive payment, less applicable taxes, will be made payable to the employee. The amount of the award and the tax deducted will be included on the W-2 form issued to the employee.

7. Special Conditions

- A. Registered Professional Engineers shall not be eligible for certification incentive for water treatment.
- B. Incentive Compensation shall be paid only to individuals where Certificates and/or Degrees exceed job level requirements (see position job description).
- C. ~~No more than two incentive payments shall be made for certificates and/or degrees earned in any one fiscal year.~~
- D. College or University Degrees and Occupational Program Certifications must be obtained through an accredited program from an accredited educational institution, successfully completed (passed) on the basis of school standards.
- E. In no case shall an employee receive an incentive payment for obtaining an Associate or Bachelors Degree unless the employee completes at least 24 college level semester units toward the degree while being employed at the District, unless approved in advance by the General Manager.
- F. In no case shall an employee receive an incentive payment for obtaining more than one Associate, Bachelors or Masters Degree unless the employee completes an additional 24 college level semester units toward the additional degree while being employed at the District.
- G. In no case shall an employee receive an incentive payment for obtaining an Occupational Program Certificate unless the employee completes at least 15 college level semester units toward the certificate while being employed at the District, unless approved in advance by the General Manager.
- H. The employee must be an employee of the District at the time that compensation is to be made.
- I. All Degrees, Occupational Program Certificates, and Certificates of Competence not covered in section 2 must receive prior approval from the General Manager.

POLICY NO. 23 - EDUCATION AND TRAINING

Adopted by IRWD Board of Directors on: ~~July 11, 2011~~

IRVINE RANCH WATER DISTRICT

PERSONNEL POLICIES AND PROCEDURES

POLICY NO. 39 - DEFERRED COMPENSATION PLAN POLICY

A. ~~1.~~ Purpose of Policy

The primary purpose of the District's deferred compensation program is to enable employees to defer portions of their compensation as a supplement to the PERS retirement plan. The District has established a deferred compensation program available through two plans:

- IRS Section 457 Deferred Compensation Plan (“457 Plan”)
- IRS Section 401(a) Money Purchase Pension Plan (“401(a) Plan”)

If there is any conflict between the terms of this policy and either Plan, the terms of the relevant Plan will govern.

B. ~~2.~~ ~~457 Plan Overview~~ Eligibility and Enrollment

Eligibility and Enrollment

Upon employment with the District, ~~all regular, full-time employees every~~ employee of the District ~~is~~ are eligible to participate in defer compensation to the 457 Plan. No employee is excluded from participating.

Employees may elect to defer part of their District compensation to the 457 Plan on a pre-tax basis. For this purpose, compensation means the employee’s taxable District wages, including leave cashout payments and differential wage payments received within a certain time period after the employee’s District employment ends.

Employees are responsible for initiating the dollar amount or percentage to be deferred, selecting investment allocation of amounts deferred among the investment menu available under the 457 Plan, and designating primary and contingent beneficiaries. If an employee fails to allocate deferrals, the funds will be automatically deposited into ~~the Conservative Profile fund~~ one of the target date retirement funds based on the employee’s age.

Employees may, at any time, change the amount of compensation to be deferred in future pay periods, including the option to change the deferral amount to zero (\$0). Deferral changes take effect as soon as administratively applicable after the election date.

The minimum contribution amount is ten dollars (\$10.00) per pay period.

Additionally, once per year, the District will provide employees the option to defer a specified amount of accrued vacation time and accrued sick time into the 457 Plan (See “Policy No. 18 – Vacation” and “Policy No. 16 – Sick Leave”).

2. Maximum Contributions Per Calendar Year

An employee’s deferrals to the 457 Plan for a calendar year are capped at the “basic elective deferral limit” imposed by the tax laws for the year. (For 2024, this limit is \$24,000.¹) An employee may, however, make additional deferrals beyond this limit in years that the employee qualifies for one of the following catch-ups:

- “Age 50 Catch-up”: An employee who is age 50 or older on December 31 of a calendar year may make additional elective deferrals—above the basic elective deferral limit—up to the maximum catch-up amount set by law for that year. (For 2024, the age 50+ catch-up amount is \$7,500.²)
- “Special Three Year Catch-up”: This provision is a once-in-a lifetime opportunity under the 457 Plan available to an employee for the three calendar years preceding their designated “normal retirement age” under the 457 Plan. This provision applies to an employee who has “underutilized contributions,” which means the excess of (i) the cumulative maximum contributions to the employee’s 457 Plan account that were permitted to be made in past years in which the employee was eligible to participate, over (ii) the total contributions actually made to the employee’s 457 Plan account over that period. (This calculation ignores age 50+ catch-up amounts.) For each of the three years in which this catch-up applies, the employee may make additional deferrals—above the basic elective deferral limit—up to the lesser of—
 - 100% of the basic deferral limit for the year (ignoring age 50+ catch-up amounts).
 - The employee’s underutilized contributions.

For this purpose, the employee may designate a normal retirement age within the following range: from age 50 (or age 52, if a PEPRRA employee) through age 70-1/2. The normal retirement age chosen upon election of this catch-up provision is irrevocable for determining the three-year period.

If an employee is eligible for both types of catch-ups in the same year, whichever catch-up results in a higher contribution limit for the year will apply.

¹ The IRS may periodically adjust this amount to account for cost-of-living increases.

² Same as footnote 1.

3. Mandatory Participation

Participation in the 457 Plan is mandatory for every employee who is not either (i) an active member of the District's pension plan, the California Public Employees' Retirement System (CalPERS), or (ii) a retired annuitant under CalERS.

Typically, this group would comprise employees in part-time, seasonal, or temporary positions. If an employee's 457 Plan participation is mandatory, 7.5% of the employee's District compensation will be automatically deducted and deferred to the employee's account in the 457 Plan. The employee may not opt out of these mandatory deferrals.

For all other District employees, participation in the 457 Plan is voluntary.

C. 401 (a) Plan Overview

The District will make three types of Employer Contributions to the 401(a) Plan to select employees' 401(a) Plan accounts—namely, Matching Contributions, Fixed Contributions, and Mandatory Excess Accrual Contributions—subject to the following terms and conditions:

1. Matching Contributions

A permanent full-time employee who has completed one year of regular full-time service with the District is eligible for a District matching contribution. Beginning with the first payroll period after the date an employee becomes eligible for the matching contribution, the District will deposit to the employee's 401(a) Plan account an amount equal to 100% of the amount deferred by the employee (to his or her 457 Plan account) during each pay period up to a maximum of 3% of the employee's base salary for each pay period.

Employees who make 457(b) contributions exceeding the 3% cap in a payroll period will be eligible for District make-up contributions to their 401(a) account in subsequent payroll periods within the same calendar year. The make-up contributions will equal the difference between the match that the employee would have received without the 3% cap and the actual matching contribution made for that period. However, for each payroll period, the aggregate regular matching contributions and make-up contributions to an employee's 401(a) account may not exceed 3% of the employee's base salary for that period. Make-up contributions will be provided only until the last day of the calendar year.

If an employee who is eligible for Matching Contributions terminates from District and is later rehired as a District employee, he/she will become eligible for Matching Contributions only upon again satisfying the eligibility conditions after the rehire date.

2. Fixed Contributions

An employee who has completed two years of regular, full-time service with the District is eligible for District fixed contributions. Beginning with the first month after the date an employee becomes eligible for the fixed contribution, the District

POLICY NO. 39 - DEFERRED COMPENSATION PROGRAM POLICY

will deposit to the employee's 401 (a) Plan account on a per-pay period basis an amount equal to 1% of the employee's base salary. When an employee's base salary changes, contributions made by the District will be adjusted accordingly. If an employee who is eligible for Fixed Contributions terminates from District employment but is later rehired, he/she will become eligible for Fixed Contributions only upon satisfying the eligibility conditions after the rehire date.

3. Mandatory Excess Accrual Contributions

All District employees are eligible for Mandatory Excess Accrual Contributions. Each calendar year, if an employee's accrued but unused vacation balance at the close of business on the last day of the second payroll period ending in January of the calendar year exceeds the vacation accrual maximum applicable to the employee, the excess will be debited from the employee's vacation balance and will be contributed to the employee's 401 Plan (a) account as a Mandatory Excess Accrual Contribution.

Mandatory Excess Accrual Contributions will be made as soon as practicable after the second payroll period ending in January of each calendar year.

To the extent a Mandatory Excess Accrual Contribution cannot be allocated to an employee's 401(a) Plan account due to the limitations on annual additions imposed by section 415(c) of the Internal Revenue Code ("415 Limit"), the unallocable amount will be paid to the employee in cash.

To the extent a Matching Contribution or Fixed Contribution cannot be allocated to an employee's Plan account due to the 415 Limit, the employee will not be entitled to the unallocable amount.

~~Additionally, in accordance with Personnel Policy and Procedure No. 6, Section B.3., pertaining to the OBRA Act of 1986, some temporary employees are required to contribute to the 457 Plan. Temporary employees are limited to the Conservative Profile fund or stable value investment option. (See "Personnel Policy and Procedure No. 6—Hiring and Probation").~~

~~Employees may defer compensation for any calendar month, providing the deferral election is made no later than the last business day of the month prior to the desired pay period in which the deferral election is to begin.~~

~~**3. Available Plans and Deferral Limitations**~~

~~A. The 457 Deferred Compensation Plan—Employee Contributions~~

~~The 457 plan is available for employee contributions only.~~

~~The minimum amount of contributions is ten dollars (\$10.00) per pay period.~~

~~The maximum amount employees may contribute to the 457 Plan is the lesser of 100% of Includible Compensation or the maximum allowed by law. Includible Compensation is generally defined as base compensation, but may include overtime, stand by, and paid vacation and/or sick hours during absences such as medical leave.~~

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~~Once a year, the District will provide employees the option to transfer a specified amount of accrued vacation time into the 457 Plan (See “Policy No. 18—Vacation”).~~

~~Once a year, the District will provide employees the option to transfer a specified amount of accrued sick time into the 457 Plan (See “Policy No. 16—Sick Leave”).~~

~~B. The 401 (a) Money Purchase Pension Plan—District Contributions~~

~~The 401 (a) Plan is for District contributions only.~~

~~Matching Contributions~~

~~An employee who has completed one year of regular full-time service with the District is eligible for a District matching contribution. Beginning with the first month following an employee’s one year anniversary date, the District will deposit to the employee’s 401(a) Plan account an amount equal to 100% of the amount deferred by the employee during each pay period up to a maximum of 3% of the employee’s base salary for each pay period. Once an employee has deferred an amount equal to 3% of his/her annual salary during the calendar year, the matching deposits to the employee’s Deferred Comp Plan account will continue each pay period in an amount equal to 3% of the employee’s base salary even if the employee is no longer making contributions. The District does not match deferrals in excess of 3% of the employee’s base salary.~~

~~Direct Contributions~~

~~Managers, Supervisors, and Confidential employees who have completed two years of regular, full-time service with the District, are eligible for an additional District contribution. Beginning with the first month following an employee’s second anniversary date, the District will deposit to the employee’s 401 (a) Plan account on a per-pay period basis an amount equal to 1% of the employee’s base salary. When an employee’s base salary changes, contributions made by the District will be adjusted accordingly.~~

~~4. Participant Options~~

~~A. Changes to Deferral Amount~~

~~Employees may change the amount of compensation to be deferred in future pay periods, including the option to change the deferral amount to zero (\$0). Deferral changes must be made no later than the last business day of the month prior to the desired pay period in which the deferral election change is to begin.~~

~~B. Catch-Up Contributions~~

~~“Age 50 Catch-up” Contributions: At any time during the year in which an employee will attain age 50, they are eligible to make additional elective deferrals, up to the maximum amount set by law for that year. Employees may not participant in the “Age 50 Catch-up” during the same time they are making additional contributions under the “Last three years” provision below.~~

~~“Last Three Years” Catch-up Contributions: Under this provision, an employee who underutilized the applicable deferral limitations after December 31, 1978, may make additional deferrals in an amount not to exceed the lesser of—~~

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- ~~(i) Twice the otherwise regular dollar limit. For example, if the regular annual deferred contribution limit is \$16,500, an eligible employee may be able to defer up to an additional \$16,500.~~
- ~~(ii) The amount that was underutilized in previous years after December 31, 1978.~~

~~The catch-up provision applies to any one or more of an employee's last three (3) calendar years ending before such employee attains normal retirement age. Normal retirement age shall be considered the range of ages beginning no earlier than age 50 and ending no later than age 70-1/2. The normal retirement age chosen upon election of this catch-up provision is irrevocable for determining the three year period.~~

B.D. 5. Administration of the Program

~~The District may contract with one or more investment providers to provide investments, education, and record-keeping services for the Plans. The District's selected third-party Recordkeeper shall administer the Deferred Compensation Program. The District's Plan Administrator will oversee the program's administration; the Plan Administrator will report to the Personnel Committee and/or Board of Directors and, when necessary or appropriate, submit action or informational items to the District's Finance and Personnel Committee or Board of Directors.~~

~~The District's Plan Administrator shall administer the Deferred Compensation Program and shall submit action or informational items to the District's Finance and Personnel Committee and/or Board of Directors as necessary.~~

1. Ownership of Funds

A. Ownership of Funds

All amounts deferred under the Plans are held in trust for the exclusive benefit of the participants and their beneficiaries.

2. Claims or Liens Against Assets

B. Claims or Liens Against Assets

~~Each Plan's assets are held in trust for the benefit of participants and beneficiary. The trust has sole title to the assets until they are distributed in accordance with the Plan's terms. Except as otherwise required by law, no participant, beneficiary, creditor, or other party has any claim, lien, or other entitlement against assets under the Plans' trusts. The participants and their beneficiaries are entitled only to receive benefits pursuant to the Plans.~~

~~Neither the existence of the deferred compensation Program nor the individual deferred compensation accounts shall entitle any participant, beneficiary of any participant, or a creditor of any participant to a claim or lien against the assets of the individual deferred compensation accounts. The participants and their beneficiaries shall only have the right to receive benefits pursuant to the Plans.~~

3. Statement of Accounts

C. Statement of Accounts

The deferred compensation investment provider will be responsible for providing account statements no less frequently than quarterly.

E7. Distributions

1. Termination of Employment

A. Termination of Employment

Employees are eligible to take distributions from the Plans upon separation ~~of~~ ~~service~~ from the District. The individual plan documents will provide the specific plan requirements and modes of distribution.

2. Emergency Distributions

B. Emergency Distributions

An employee may request an emergency distribution from his/her 457 Plan account due to extraordinary and unforeseeable circumstances arising as a result of events beyond his/her control. Emergency distributions are not available under the 401 (a) Plan. Circumstances that will constitute an unforeseeable emergency will depend upon the facts of each case, but distributions will only be made in accordance with IRS regulations and the 457 Plan document.

Approval authority over emergency distribution requests rests with the Recordkeeper.

The District may use an investment provider or other third party to make a determination for an emergency distribution request.

F. Loans

Eligible employees may request a loan from their 457 Plan account. (Loans from the 401(a) Plan are not permitted.)

To receive a loan, an employee's 457 Plan account balance must be at least \$2,000.

Only one outstanding loan is permitted at a time, and the minimum loan amount that a participant may request is \$1,000. Employees may borrow up to 50% of their 457 Plan account balance or \$50,000 – whichever is the lesser.

Two types of loans are available:

- General Purpose – this is for any purpose, typically has a term of one to five (1-5) years.
- Principal Residence – this is only to purchase or build a principal residence, not to renovate or refinance a home. This typically has a term of six to fifteen (6-15) years.

Repayment of a loan through payroll deductions is not permitted; payments are deducted from an employee's checking account. If an employee defaults on a loan (meaning that a loan is not paid back on schedule), it will be considered a distribution and subject to income tax and future loans will not be permitted. The Recordkeeper administers the loan program.

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Loans are subject to an interest rate equivalent to the Prime Rate as published in the Wall Street Journal on the first business day of the month in which the loan is originated.

8. ~~Plan to Plan Transfers, Purchase of Service Credits and Rollovers~~

~~The District's deferred compensation program allows plan to plan transfers, purchase of service credits, and rollovers in and out of the Plans. The individual plan documents will provide the specific plan requirements related to transfers of assets in or out of the Plans.~~

F.G. 9. ~~Amendment or Termination of Plan~~

The District, at its sole discretion, may amend or terminate one or both Plans at any time.
~~The District, at its sole discretion, may terminate one or both of the Plans at any time. Upon such termination, each participant in the affected plan will be deemed to have revoked his/her participation as of the date of such termination.~~

~~The District may also amend the provisions of its Plans at any time, provided that no amendment or termination shall affect the rights of the participants or their beneficiaries to payment of benefits.~~

Adopted by IRWD Board of Directors on: ~~September 28, 2015~~

POLICY NO. 44 – USE OF COMPUTER SYSTEMS AND ACCOUNTS

IRVINE RANCH WATER DISTRICT

PERSONNEL POLICIES AND PROCEDURES

POLICY NO. 44 – USE OF COMPUTER SYSTEMS AND ACCOUNTS

1. Purpose of Policy

The District recognizes the need to manage the use of its Computer Systems and Accounts to maintain a secure workplace, preserve cybersecurity and to create a work environment in which productivity is enhanced.

The purpose of this policy is to ensure that the District’s Computer Systems, including internet access and usage, and District Accounts are properly used to perform tasks directly related to IRWD job duties.

2. Scope of Policy

This policy applies to all users of District Computer Systems or District Accounts. This policy also addresses the use of Personal Computer Systems and Personal Accounts for District business.

3. Definitions

“Artificial intelligence” means any app, software, or system that can independently change its own analytical methods and utilizes artificial intelligence (including generative and algorithmic artificial intelligence), machine learning or other advances algorithms to perform tasks, analyze data, or make (or assist in making) decisions.a Computer System or Account that is known as AI or that simulates human intelligence to perform a task or activity, such as analysis, data gathering, writing, perception, decision making, etc.

- A. “Authorized User” means any employee, board member or other person authorized to use a District Computer System or Account. To be considered an Authorized User, an individual must be granted permission by the District to use the account, system or device they are using, must read and agree to comply with the terms of this policy, and agree to comply with other applicable IRWD personnel policies and all applicable state and federal laws.

Any employee, Board Member, or contractor who has been given an IRWD computer login, provided an IRWD email address, or has been provided with a wireless device by the District, including an iPad, shall be considered an Authorized User for the purposes of this policy.

The District may revoke or modify its authorization at any time; however, upon separation from the District, an employee’s, Board Member’s, contractor’s or other user’s authorization shall be deemed automatically revoked.

- B. “District Accounts” means any account owned, licensed to, opened by or held by the

POLICY NO. 44 – USE OF COMPUTER SYSTEMS AND ACCOUNTS

- District, and any account linked to a District email address, through which an electronic communication or Public Record could be sent. This includes District email accounts, social media accounts such as Twitter, Facebook, and Instagram connected to a District email address, cloud-based messaging systems (e.g. Microsoft Teams), webinar/conference call platforms (e.g. WebEx), Artificial Intelligence service or subscription accounts, text messaging applications and voice messaging systems connected to a District email address or District cloud- storage accounts.
- C. “District Computer System(s)” means any computer, tablet, cell phone or any other similar electronic device owned, leased, or licensed to the District. All hardware, and District-owned or licensed software, applications, and programs associated with such devices are part of the District Computer System.
- D. “Personal Accounts” means any account owned, licensed to, opened by, used by or held by an Authorized User in their personal capacity and not linked to a District email address. This includes personal email accounts, social media accounts such as Twitter, Facebook, and Instagram, cloud-based messaging systems (e.g. Microsoft Teams), webinar/conference call platforms (e.g. WebEx), Artificial Intelligence related service or subscription accounts, text messaging applications and voice messaging systems or personal cloud-storage accounts connected to a personal email address.
- E. “Personal Computer System(s)” means any computer, tablet, cell phone or any other similar electronic device owned, leased, or licensed to an Authorized User or a member of their household, as opposed to the District, in their personal or individual capacity. All hardware, and personally owned or licensed software, applications, and programs associated with such devices are part of the Personal Computer System. A personal cell, which an employee uses for work and receives a District cell reimbursement for, is considered a personal computer.
- F. “Public Record” means any Record containing information related to the conduct of the public’s business that is prepared, owned, used, or in the possession of the District regardless of physical form or characteristic. It does not include Records that are strictly personal and do not relate to the conduct of public business, as these are not Public Records.
- G. “Record” means all tangible (hard-copy) and electronically-prepared, electronically-stored or electronically-transmitted writings or recordings, including communications, handwritten notes, typed documents, emails, voicemails, text messages, spreadsheets, drawings, photographs, data sets, calendar and schedule entries, PDF documents, forms, notes and collections of texts or other data created or assembled by a user, presentations, diagrams, images, CAD files, databases and other electronic information.

4. Authorized Use of the District Accounts, Systems and Devices

A. Authorized Use

Authorized Users are only authorized to use the District Computer Systems and Accounts that their supervisor or Informational Services permits them to use.

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District Computer Systems and Accounts are the property of the District and are designed to facilitate District business. Authorized Users are given access to these accounts, systems and devices to conduct business on behalf of the District and to perform tasks directly related to their job duties.

B. Unauthorized Use

The District takes measures to safeguard its Computer Systems and Accounts from misuse, corruption and illegal uses, and to protect the District from any possible liability due to unauthorized use. Uses that are illegal or inconsistent with the authorization granted to the user by the District are unauthorized. Such unauthorized uses include misuse, as defined in Section 6, and personal use inconsistent with the narrow personal use permitted by subsection (C) below.

Authorized Users found to have engaged in an unauthorized or improper use of a District Computer System or Account may have their use authorization revoked or modified. Employees found to have engaged in unauthorized or improper use will be subject to disciplinary action, up to and including termination.

Any users engaged in unauthorized, illegal or improper use may also be subject to civil or criminal liability. Any suspected criminal use or activity will be reported to the appropriate law enforcement agencies.

C. Limited Personal Use

Limited personal use of a District Computer System or Account is permitted if it is appropriate, has a minimal impact on the District, including a minimal impact on the District's network bandwidth and other District resources, and does not take place during work time. For example, an employee using a District iPad at home to read the news, or an employee's limited use of the Internet on a District computer for personal purposes during their lunch or before or after work hours are permissible if those uses comply with the terms of this policy and the District's other personnel policies.

5. **Limitation on User Privacy and Confidentiality**

The District reserves the right to monitor, access and disclose the use of District Computer Systems and Accounts at any time for any reason without notice to the user.

Users of District Computer Systems and Accounts should have **no expectation of privacy** with respect to their use of these accounts, systems and devices. Any communication, data, metadata or other information, including personal communications, data or information, that is transmitted through, stored on or created by these systems or accounts may be accessed, held, used, retained or disclosed at the sole discretion of the District and may be a Public Record requiring protection/retention in accordance with state and federal law and the District's Retention Policy.

Users are put on notice that any communication, Record, message or image accessed

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through or created, transmitted or stored on a District Computer System or Account may be publicly disclosed.

Security features (e.g. passwords, codes or deletion features) will not prevent the District from accessing a user's communications, Records, messages, or images which are transmitted through, viewed on, stored in or created by a District Computer System or Account.

Additionally, the District may maintain records of the names, dates and times of users accessing services on District Computer Systems or Accounts, including use of and access to services on the Internet. Users should assume **no privacy or confidentiality exists** when using District Computer Systems or Accounts.

6. Misuse of District Accounts, Systems, and Devices

It is a violation of District policy for Authorized Users, including system administrators, to use District Computer Systems or Accounts for the purpose of satisfying idle curiosity about the affairs of others with no legitimate business purpose for obtaining access to the files or communications of others. Employees found to have engaged in such "snooping" or found to have misused the District's accounts, systems or devices will be disciplined appropriately, up to and including termination.

Additional misuses of District Computer Systems and Accounts include, but are not limited to, the following:

- A. Use in any manner that violates any law, regulation, or ordinance, including for uses that violate copyrights laws, or government security laws or regulations.
- B. Use in any manner that violates any policy or procedure of the District, including unauthorized personal use.
- C. Use that is disruptive, unprofessional, offensive, harmful to morale or inappropriate for the workplace. The creation, display, storage and the use, viewing, or transmission of sexually explicit images, messages or cartoons; ethnic slurs, racial or religious epithets; or anything that may be construed as harassment, creating a hostile work environment, or disparagement of others is strictly prohibited.
- D. Use for any deliberate action in an attempt to gain unauthorized access to remote systems, or to damage or disrupt a computing system, alters its normal performance, or causes it to malfunction, regardless of system location or time duration.
- E. Receipt and "opening" of misaddressed communications when the user knows that the communication was misaddressed.
- F. Forwarding Records or communications without a legitimate business purpose, including intentionally sending chain letters and spam.
- G. Uses related to "moonlighting" or job searches.
- H. Revealing proprietary or confidential information, including official District

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information or intellectual property, without authorization.

- I. Uses related to political campaign-related activities.
- J. Conducting or soliciting illegal activities.
- K. Uses that delete, destroy or dismantle any Public Record required to be retained pursuant to the District Records Retention Policy.

7. Authorized Users' Obligation to Preserve, Identify, and Produce Electronic Records

The District is committed to transparency and compliance with state and federal law. This includes compliance with the California Public Records Act (“PRA”), record retention laws, and its obligations to preserve and turn over Public Records and other Records related to certain legal matters.

A. Electronic Records on District Computer Systems and Accounts

All Authorized Users are required to comply with all laws and legal requirements related to the preservation, identification and production of electronic Records created, transmitted or stored on District Computer Systems and Accounts. In addition, all Authorized Users are required to comply with the District’s Records Retention Policy and any District-issued Litigation Hold Notices for Public Records located on District Computer Systems and Accounts.

All Authorized Users must identify and turn over electronic Public Records on District Computer Systems and Accounts in a timely manner when requested to do by the District.

B. Electronic Records on Personal Systems and Accounts

Pursuant to *City of San Jose, et al. v. The Superior Court of Santa Clara County*, communications and other Records about official District business may be Public Records and may be subject to public disclosure regardless of the type of account, computer, or device used in its preparation, storage or transmission.

This means that electronic Records on a Personal Computer System or Personal Account may be Public Records if they relate in some way to the conduct of public business. This includes Public Records that are created, stored or transmitted on Personal Accounts, including personal emails, text messages, messages sent via messaging applications, pictures and social media posts.

Electronic Records and communications that are strictly personal and do not relate to the conduct of public records are not Public Records and are not subject to this policy.

If an Authorized User has created, transmitted or stored a Public Record on a Personal Computer System or Account, they are required to comply with all laws and legal requirements related to the preservation, identification and production of Public Records. In addition, all Authorized Users are required to comply with the

POLICY NO. 44 – USE OF COMPUTER SYSTEMS AND ACCOUNTS

District's Records Retention Policy and any District-issued Litigation Hold Notices for any Public Records located on a Personal Computer System or Account.

All Authorized Users must identify and turn over electronic Public Records on Personal Computer Systems and Accounts in a timely manner when requested to do so by the District.

8. Requirement to Transfer Electronic Public Records on Personal Computer Systems and Accounts to District Computer Systems and Accounts

A. Obligation to Transfer Electronic Public Records

Since Public Records on Personal Computer System and Accounts may be subject to production by the District under the PRA and other laws, Authorized Users, who know or have reason to know that a possible Public Record is located on a Personal Computer System or Account, or other non-District Computer System, are required to transfer the Public Record to the appropriate District Computer System or Account as soon as it is identified to be a possible Public Record.

After the possible Public Record is transferred, the Authorized User shall delete the original copy of the Public Record from their Personal Computer System and Personal Account.

For example, if an Authorized User takes a picture or records a video of an IRWD facility or equipment on their personal cellphone for District purposes, they should immediately transfer it to a District Computer System or Account, and then delete it from their phone. This could be done by emailing the picture to their IRWD email account.

Another example is if an Authorized User uses their home computer to create a Word document for work. They should save it to the District's network folders or email to their IRWD email address, and then delete the file from their home computer.

Transferring a possible Public Record located on a Personal Computer System, Personal Account, or other non-District Computer System to the appropriate District Computer System or District Account will allow for it to be preserved and retained, as appropriate, by the District, and to be destroyed consistent with the District's Records Retention Policy.

B. Exceptions to the Obligation to Transfer

An Authorized User is not required to comply with the transfer requirements of this section for Records that, pursuant to the District's Records Retention Policy, are:

1. Records not required to be retained, and the Authorized User deletes the Record from their Personal Computer Systems and Accounts or the used non-District Computer System.
2. Records for which the retention period has expired, in which case the Record may

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be destroyed pursuant to the District’s policy, provided the Authorized User deletes the Public Record from their Personal Computer Systems and Accounts, or the used non-District Computer System.

9. Restrictions on the Use of Personal Computer Systems and Accounts for District Business

A. Use of Personal Computer Systems for Public Business

Authorized Users are only permitted to use a Personal Computer System or other non-District Computer System for the District’s business if they comply with the transfer and deletion requirements of Section 8 and the prohibition on the use of Personal Accounts below.

If a Personal Computer System or other non-District Computer System is used for District business, the Authorized User should give strong preference to remotely accessing the District Computer Systems and Accounts they are authorized to access when creating, saving and transmitting Public Records related to the District’s business. Public Records created, transmitted and stored through remote access to a District Computer System or District Account will be considered stored on the District Computer System or Account used, and not on the Personal Computer System or the other non-District Computer System used to remotely access the District system or account.

B. Use of Personal Accounts for Public Business is Prohibited

In the ordinary course of business, Authorized Users are prohibited from using Personal Accounts to discuss District matters, conduct District business or perform work for the District. This includes the use of Personal Accounts used to access Artificial Intelligence services or subscriptions. If an Authorized User mistakenly uses a Personal Account for public business, they should copy or forward the message to their District Account and must comply with the transfer and deletion requirements of Section 8.

C. Exceptions to the Prohibition on the Use of Personal Accounts for Public Business

An Authorized User may only use a Personal Account in the following situations:

1. In extraordinary circumstances, an Authorized User may use a Personal Account to conduct District business if they comply with the transfer and deletion requirements of Section 8. Extraordinary circumstances include unusual situations when the Authorized User must use a Personal Account to address urgent District business that, if left unanswered, could seriously impact the District.
2. An Authorized User may use a Personal Account to respond to a communication sent by a third party to a Personal Account if the Authorized User complies with the transfer and deletion requirements of Section 8 for both the original communication and the response, and directs the third party to use a District Account for all future communications related to the District’s business.

POLICY NO. 44 – USE OF COMPUTER SYSTEMS AND ACCOUNTS

3. An Authorized User may copy a Personal Account on calendar invitations if the Public Record is sent using a District Account (e.g., copying a Personal Account on an Outlook calendar invite).
4. An Authorized User, who is designated to manage the District’s Facebook Account, may use their Personal Facebook Account to access the District Facebook Account for the sole purpose of managing the District’s Facebook Account. The Authorized User must not use their Personal Facebook Account for District business beyond using their account as a “key” to access the District’s Facebook Account.

Public Records created, transmitted, stored or posted on the District’s Facebook Account will be considered stored on the District’s Facebook Account, and not on the Personal Facebook Account that an Authorized User used to simply access the District’s account.

If an Authorized User uses their Personal Facebook Account to access the District Facebook Account, they may be required to search their Personal Facebook Account for Public Records pursuant to Section 10 and IRWD Personnel Policy No. 46.

10. Public Records Searches of Personal Computer Systems and Personal Accounts

Authorized Users may be required to search any Personal Computer System or Account on which a Public Record may be located. **Authorized Users are put on notice that their Personal Computer Systems and Accounts may be required to be searched for Public Records if they are used for District business.**

To ensure that the District meets its legal obligation to make government records available to the public while respecting an Authorized User’s right to privacy, and minimizing the personal liability of Authorized Users, Authorized Users should follow the protocols for the “Transfer of Electronic Public Records to District Computer Systems and Accounts” outlined above in Section 8. Additionally, Authorized Users may be asked to search their accounts, systems and devices pursuant to the procedure outlined in IRWD Personnel Policy No. 46.

11. Use of Artificial Intelligence

A. Manager Approval Required: Authorized Users may only use Artificial Intelligence while performing their job duties if they have received approval from their manager. to use Artificial Intelligence prior to using it in their work.

B. Cautions on Using Artificial Intelligence:

1. **Artificial Intelligence accumulates all of the data and information entered into it. Once entered, that data and information is public and cannot be recalled. The entering of data or information in an Artificial Intelligence Computer System or Account may cause that information to be exposed or used in unintended ways.**

POLICY NO. 44 – USE OF COMPUTER SYSTEMS AND ACCOUNTS

2. Users of Artificial Intelligence should note that outputs from Artificial Intelligence may be incomplete, out of context, wrong, or use confidential third-party information because it is based on the Artificial Intelligence’s available data and what has been entered into it.

C. Conditions on the Use of Artificial Intelligence: Any use of Artificial Intelligence by an Authorized User must meet the following:

1. The use of Artificial Intelligence must be in accordance with all District policies, guidelines and procedures, and consistent with IRWD’s values.
2. The use of Artificial Intelligence must be consistent with the Artificial Intelligence provider’s use policies and terms of service. Authorized Users shall ensure that the Artificial Intelligence provider’s use policies do not conflict with any District policy, guideline and procedure.
3. **No personal, District or corporate sensitive information**, as defined in IRWD Personnel Policy No. 47, shall be entered into any Artificial Intelligence Computer System or Account.
4. **Information that is not public**, including IRWD non-public information, shall not be entered into any Artificial Intelligence Computer System or Account.
5. Artificial Intelligence outputs must be validated before being used in any IRWD work product.

D. Use of Artificial Intelligence in Human Resources Testing

Artificial Intelligence shall not be used by any candidate when participating in Human Resources testing or any other portion of the candidate evaluation process, including recruitment and promotion tests, being used to evaluate candidates for a current job opening.

Use of Artificial Intelligence by an internal or external candidate in the recruitment or promotion testing process may lead to the candidate being automatically disqualified.

11.12. District’s Exclusive Authority

The District reserves the right to change this policy at any time with such prior notice, if any, as may be reasonable under the circumstances.

12.13. Administration of Policy

The Director of Information Services and the Director of Human Resources will be responsible for administration and enforcement of this policy.

POLICY NO. 44 – USE OF COMPUTER SYSTEMS AND ACCOUNTS


Adopted by IRWD Board of Directors on: ~~January 11, 2021~~

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March 11, 2024

Prepared by: K. Lew / B. Rios / E. Akiyoshi

Submitted by: K. Burton

Approved by: Paul A. Cook 

CONSENT CALENDAR

PLANNING AREA 1 ORCHARD HILLS NEIGHBORHOOD 4 CONSTRUCTION CHANGE ORDERS

SUMMARY:

Irvine Community Development Company, LLC (ICDC) is proceeding with the development of Planning Area 1 (PA1) Orchard Hills Neighborhood 4 (NH4), which includes the construction of streets, storm drains, domestic water, sanitary sewer, and recycled water improvements. As part of the development, ICDC will construct IRWD capital facilities under an existing Supplemental Reimbursement Agreement. Staff recommends that the Board:

- Authorize the General Manager to approve Change Order No. 1 in the amount of \$483,529.48 with ICDC for the PA1 Jeffrey Road Extension Domestic Water Improvements, Project 12784;
- Authorize a budget addition for Project 12784 in the amount of \$605,000 for the PA 1 Jeffrey Road Extension Domestic Water Improvements; and
- Authorize a budget addition for Project 12948 in the amount of \$259,000 for the PA 1 Orchard Hills NH4 Domestic Water Improvements.

BACKGROUND:

ICDC is moving forward with the first phase of residential and commercial development of PA1 Orchard Hills NH4. Orchard Hills NH4 is bound by Portola Parkway to the south, Rattlesnake Reservoir to the west, Jeffrey Road to the east, and National Community Conservation Plan conservation land to the north. The project location map is shown as Exhibit "A". As part of this development, ICDC is designing and constructing IRWD's capital domestic water and recycled water improvements. The required IRWD capital facilities are documented in the February 2005 Planning Areas 1 and 2 Sub-Area Master Plan, and all subsequent addenda and updates prepared by Stantec Consulting Services, Inc.

The design and construction of the IRWD capital facilities will be performed under the terms of the Master Reimbursement Agreement between IRWD and ICDC approved by the Board in May 1997 and as further refined in the Supplemental Reimbursement Agreement. The Supplemental Reimbursement Agreement for PA1 was approved in May 2005.

During the construction of NH4 backbone facilities, the City of Irvine modified their plans for the Gateway Residential Village that is located adjacent to NH4. In the fall of 2023, the City of Irvine finalized a plan to build a residential village at a 70-acre site on the corner of Portola Parkway and Jeffrey Road. The City and ICDC had their consultants analyze the impacts for this future residential village on the planned backbone water and sewer systems in the area and shared the results with IRWD that indicated a required looped 12-inch domestic water pipeline with two sources. One source is included as part of Change Order No. 1 for project 12784 in

Jeffrey Road, and the other source is included as part of Change Order No. 2 for project 12948. These domestic water capital facilities need to be constructed along with ICDC’s construction for Orchard Hills NH4. The future Gateway Residential Village will connect and extend these facilities as part of their future residential construction project.

Jeffrey Road Extension Domestic Water Change Order No. 1:

Change Order No. 1 consists of 2,630 feet of 12-inch domestic water pipeline to replace the originally planned 10-inch pipeline and the cost to upsize approximately 500 feet of 6-inch to 8-inch recycled water pipeline as shown in Exhibit “B”. Staff has reviewed the total cost of \$483,529.48 and finds it to be reasonable based on a unit price comparison to similar recent bids. Staff requests Board approval of this change order and the addition of project 12784 in the amount of \$605,000 to the FY 2023-24 Capital Budget.

NH4 Domestic Water Change Order No. 2:

Change Order No. 2 consists of approximately 500 feet of 12-inch pipeline to replace the originally planned 10-inch pipeline in the NH4 backbone loop. This change order in the amount of \$157,023.50 will be approved at the General Manager’s approval level. Staff requests the Board authorize the addition of Project 12948 in the amount of \$259,000 to the FY 2023-24 Capital Budget to fund this change order.

FISCAL IMPACTS:

Staff requests the addition of Projects 12784 and 12948 to the FY 2023-24 Capital Budget as follows:

| <u>Project No.</u> | <u>Current Budget</u> | <u>Addition <Reduction></u> | <u>Total Budget</u> |
|--------------------|-----------------------|-----------------------------------|---------------------|
| 12784 | \$ 0 | \$ 605,000 | \$ 605,000 |
| 12948 | \$ 0 | \$ 259,000 | \$ 259,000 |
| | \$ 0 | \$ 864,000 | \$ 864,000 |

ENVIRONMENTAL COMPLIANCE:

Construction of capital facilities for Orchard Hills NH4 is subject to CEQA. In conformance with the California Code of Regulations Title 14, Chapter 3, Article 7 an Environmental Impact Report was certified by the City of Irvine, the lead agency on June 14, 2005 (SCH#2004041080).

COMMITTEE STATUS:

This item was reviewed at the February 20, 2024, Engineering and Operations Committee meeting.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO APPROVE CHANGE ORDER NO. 1 IN THE AMOUNT OF \$483,529.48 WITH IRVINE COMMUNITY DEVELOPMENT COMPANY, LLC FOR THE PLANNING AREA 1 JEFFREY ROAD EXTENSION, PROJECT 12784; AUTHORIZE A BUDGET ADDITION FOR PROJECT 12784 IN THE AMOUNT OF \$605,000 FOR THE PLANNING AREA 1 JEFFREY ROAD EXTENSION DOMESTIC WATER IMPROVEMENTS; AND AUTHORIZE A BUDGET ADDITION FOR PROJECT 12948 IN THE AMOUNT OF \$259,000 FOR THE PLANNING AREA 1 ORCHARD HILLS NEIGHBORHOOD 4 DOMESTIC WATER IMPROVEMENTS.

LIST OF EXHIBITS:

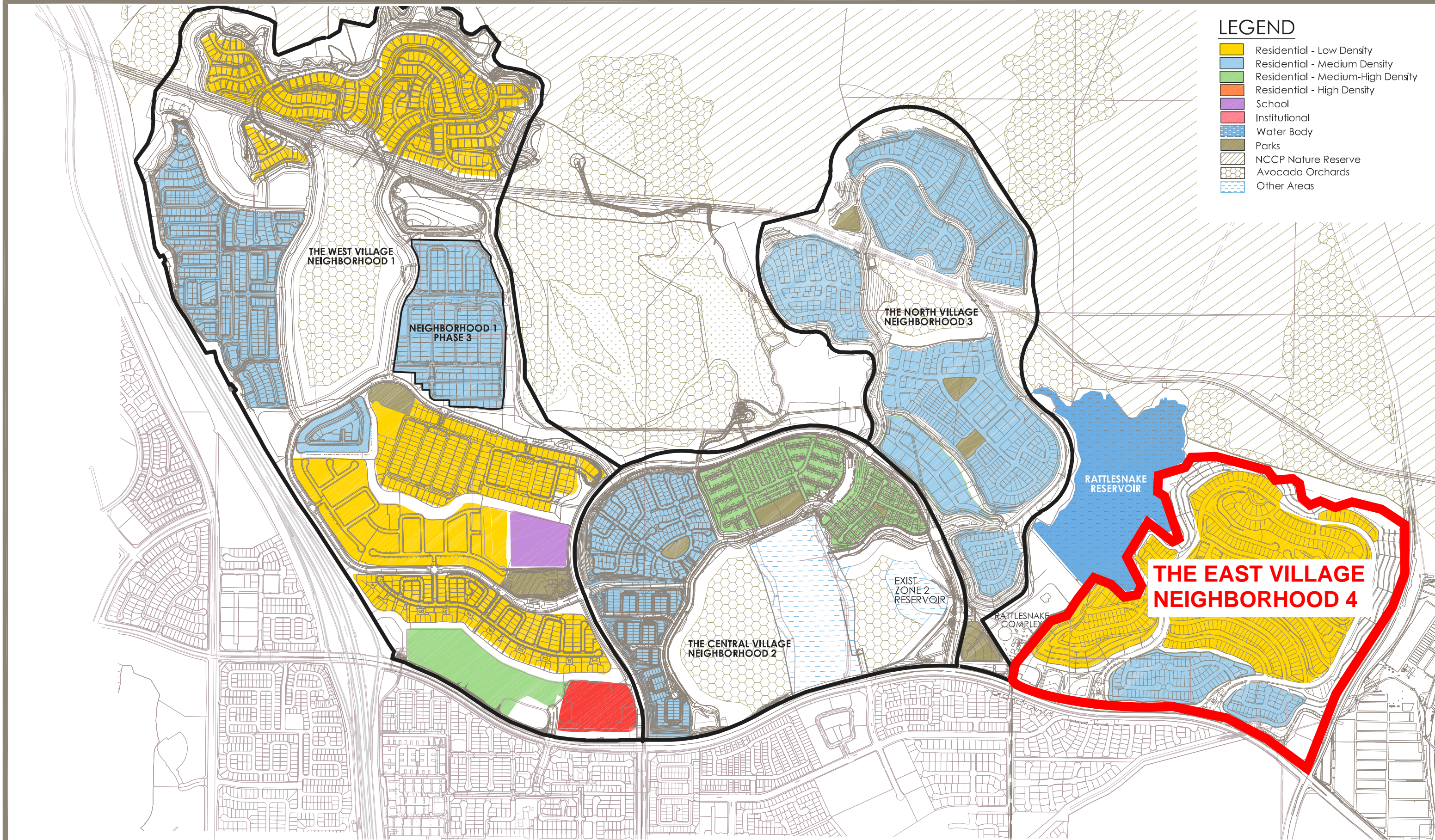
Exhibit "A" – Location Map

Exhibit "B" – Change Order No. 1, PA 1 Jeffrey Road Extension Domestic Water Improvements

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LEGEND

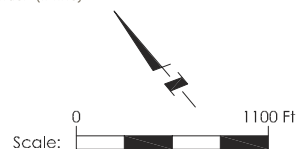
- Residential - Low Density
- Residential - Medium Density
- Residential - Medium-High Density
- Residential - High Density
- School
- Institutional
- Water Body
- Parks
- NCCP Nature Reserve
- Avocado Orchards
- Other Areas



DRAWING: v:\1840\active\184031168\drawing\exhibit_files\31168c-ex7021.dwg PLOTTED: 9/17/2019 1:11 PM BY: Lu, Michael (Irvine)

PREPARED FOR THE:

**IRVINE RANCH
WATER DISTRICT**



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| | |
|-------------|----------|
| CHANGE NO.: | _____ |
| DATE: | 11/20/23 |

**POTENTIAL CHANGE OF WORK ACKNOWLEDGEMENT & VALUE
(FOR IRWD CAPITAL IMPROVEMENTS)**

The purpose of this form is to acknowledge a change in work for the intent of reimbursement of costs. Upon acceptance a change order will be issues.

| | | | |
|----------------|-------------------------------------|------------------------|---|
| IRWD P.O. No.: | <u>7547</u> | ICDC Original PO No.: | <u>4500196731 /4500209663 co03</u> |
| Sewer | <input type="checkbox"/> | Owner: | <u>Irvine Community Development Company</u> |
| Domestic Water | <input checked="" type="checkbox"/> | Consultant/Contractor: | <u>FYDAQ Company Inc.</u> |
| Reclaim Water | <input checked="" type="checkbox"/> | Design Engineer: | <u>Wilson Mikami</u> |
| Other | <input type="checkbox"/> | IRWD Mgr.: | <u>Kelly Lew</u> |

Project Description: Orchard Hills, Jeffrey Rd. Ext + 6" IRWD AD/PW WET B1, Gateway Project Water System Upgrades.

PART A – POTENTIAL CHANGE OF WORK:

Plan Revision Required: YES NO Estimated Cost: \$483,529.48

Change Initiated By: Irvine Ranch Water District

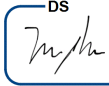
Work Description: Reclaimed water delta-IRWD Capital upsizing from 6" to 8". Domestic water delta upsizing from 10" AD to 12" IRWD Capital

1. Submitted by: Jacob O'Hair - 11/20/23
Owner Representative / Date
- 2a. In IRWD's opinion the aforementioned work **does** **does not**
qualify as a potential change in work.
- 2b. IRWD comments (required if representative does not concur with the potential change):

- 2c. Reviewed by: _____
IRWD Representative / Date
3. Received and Recorded by: _____
Owner Representative / Date

PART B – CHANGE OF WORK VALUE: \$ _____


Detailed Backup Attached

| | | | |
|--------------------|-----------------------------|-----------------|---|
| 1. Submitted by: | <u>Jacob O'Hair</u> | <u>11-20-23</u> | DS  |
| | Owner Representative / Date | | |
| 2. Recommended by: | _____ | | |
| | IRWD Representative / Date | | |

CHANGE ORDER REQUEST

Request Date: November 20, 2023

To: Contracts Administration Dept. (MS: T1-7-5)

Requestor*: Jacob O'Hair  11-20-23

* Requestor = the person directing/managing the work effort.

Manager**: Ryan Rasmussen

** Manager = the person with signature authority and managing budget.

Vendor Name: Fydaq Company, Inc.

Project Title: **ORCHARD HILLS-PA1-JEFFREY RD EXT +6" IRWD AD_PW WET B1-GATEWAY PROJECT WATER SYSTEM UPGRADES**

- For House Construction (Vertical Only): CM to check boxes:**
- Base House Only (Single Home/Ph)
 - Base House Only (All Future Homes)
 - Structural Option (Single Home/Ph)
 - Structural Option (All Future Homes)
 - Other - Requires Additional Input from VP, Homebuilding Purchasing Prior to Processing

| CODING (To be completed by Manager) | | | |
|---|---------------------------------------|------------------------|-------------|
| ORIGINAL CONTRACT PO NO. (Generated by SAP): | 4500196731 | | |
| BUSINESS LINE (A): | LD | MASTER PROJECT (B): | 0001 |
| TASK (C): | ST | TASK ID (D): | 50 |
| POTENTIAL CONTRACT: | XX | POTENTIAL CONTRACT ID: | 00 |
| FUNDING SOURCE (E): | 3 (IRWD) | | |
| WBS ELEMENT (A-B.C.D.E) | LD - 0001 . ST . 50 . 3 (IRWD) | | |
| FUNCTIONAL AREA: | OALL | | |
| COST ELEMENT or G/L ACCT: | 9600450 | | |
| PO DOCUMENT CODE: | | | |
| Coding approved by Manager: | | | |
| Signature: <u>PER CONTRACT</u> / Date: _____ | | | |

CHANGE ORDER INFORMATION:

Change Order Description: *[Itemize what change(s) occurred.]*

Changes proposed by the COI Gateway development have required upsizing in domestic and reclaimed water lines originally contracted for the Jeffrey Road improvements. Costs include restocking already purchased pipe and fittings and the restaking of survey markers in the field. Changes include increasing the Reclaimed water from 6" to 8" and Domestic 10" AD to 12" IRWD Capital.

Why is this Change Order necessary? *[Itemize where the change(s) occurred, why the change(s) occurred, and who requested the change(s).]*

In order for the Gateway Development to operate as designed. The water lines on Jeffrey Road needed to be upsized causing an escalation in cost. Since the design was not completed prior to the design of Jeffrey Road Improvements, restocking and restaking were needed in order to install the correct size needed to account for the adjusted development.

Total Change Amount: \$483,529.48 Fixed Fee (LS)

Reimbursable Amt Chg: \$483,529.48 Note: This amount is part of the total Change Order amount above.

CHANGES IN CONTRACT TERMS:

Does this Change Order require the Contract Time to be extended?

Contract Time Extended By:

Note: For Construction Contracts, the new completion date shall be reflected the in the Weekly Statement of Working Days.

ITEMS REQUIRED TO BE ATTACHED AS SUPPORTING DOCUMENTS TO CHANGE ORDER:

- Scope of Services
- T&M Tickets (signed)
- Engineer's Estimate (Construction Contracts Only)
- Final Quantity Certification (Construction Contracts Only)
- Price Quote (Proposal)
- PCOW (as applicable)
- Engineer's Justification Memo (Construction Contracts Only)
- Other:
- Backup Documentation (as applicable)
- >\$250K Memo (as applicable)
- Contractor's Price (Construction Contracts Only)

| | | | |
|--|--|---|--|
| CODING APP SIGNATURE: <u>Kristen Frangente</u> | DATE: <u>11/22/2023 08:58 AM PST</u> | CHANGE ORDER PURCHASE ORDER NO. (Generated by SAP): | |
| CHANGE ORDER NO. (Generated by SAP): <u>09CD2522B48D4A1...</u> | CHANGE ORDER FULLY EXECUTED ON: | REQUESTOR NOTIFIED ON: | |

**CONTRACTOR'S ESTIMATE
ORCHARD HILLS (PA 1)
NEIGHBORHOOD 4
JEFFREY ROAD EXTENSION
CONTRACT "B1" WET UTILITIES (DOMESTIC & RECYCLED WATER)
ASSESSMENT DISTRICT NO. 05-21 AND IRWD CAPITAL IMPROVEMENTS
(PREVAILING WAGE)
TASK/PC ID NO. LD-0001.ST.50.cn01
CONTRACT NO. 45000**

CONTRACTOR:
FYDAQ COMPANIES, INC.

| Item # Description | Estimated Quantity | Unit | Unit Price | Total |
|---|-----------------------|------|--------------|------------------------|
| I. BASE CONTRACT (ASSESSMENT DISTRICT NO. 05-21 IMPROVEMENTS) | | | | |
| A. GENERAL | | | | |
| 1. MOBILIZATION (NOT TO EXCEED 2% OF CONTRACT PRICE (SECTIONS A-D)) | -1 | LS | \$ 5,000.00 | \$ (5,000.00) |
| 2. PAYMENT & PERFORMANCE BONDS (SECTION A-D) | -1 | LS | \$ 4,865.00 | \$ (4,865.00) |
| 4. TRAFFIC CONTROL (SECTIONS A-D) | -1 | LS | \$ 750.00 | \$ (750.00) |
| 5. INTERIM EROSION AND SEDIMENT CONTROL (SECTIONS A-D) | -1 | LS | \$ 750.00 | \$ (750.00) |
| B. DOMESTIC WATER IMPROVEMENTS (NON-CAPITAL) | | | | |
| NOTE: All tees, bends and other fittings are to be included in the pipe unit price | | | | |
| 9. INSTALL 10" PVC C-900, DR-14 DOMESTIC WATER MAIN PER IRWD STD. NO. W-17 | -2,335 | LF | \$ 80.25 | \$ (187,383.75) |
| 10. INSTALL TEMPORARY FLUSH-OUT ASSEMBLY PER IRWD STD. NO. W-12 | -1 | EA | \$ - | \$ - |
| 11. INSTALL 6" RESIDENTIAL FIRE HYDRANT ASSEMBLY PER IRWD STD. NO. W-8 WITH BLUE REFLECTIVE PAVEMENT MARKER PER O.C.F.A. GUIDELINES | -3 | EA | \$ 11,235.00 | \$ (33,705.00) |
| 12. INSTALL 8" RESIDENTIAL FIRE HYDRANT ASSEMBLY PER IRWD STD. NO. W-8 WITH BLUE REFLECTIVE PAVEMENT MARKER PER O.C.F.A. GUIDELINES | -2 | EA | \$ 15,727.00 | \$ (31,454.00) |
| 13. INSTALL 1" AIR AND VACUUM RELEASE PER IRWD STD. NO. W-11 | -1 | EA | \$ 5,780.00 | \$ (5,780.00) |
| 14. INSTALL 10" GATE VALVE (FE X FE) PER IRWD STD. W-22 | -3 | EA | \$ 3,514.00 | \$ (10,542.00) |
| 16. ADJUST EXISTING VALVE COVER TO GRADE PER IRWD STD. NO. W-22 | -1 | EA | \$ 525.00 | \$ (525.00) |
| 17. ADJUST VALVE CAP TO BASE PAVE GRADE | -3 | EA | \$ 525.00 | \$ (1,575.00) |
| 18. ADJUST VALVE CAP TO FINAL GRADE | -3 | EA | \$ 525.00 | \$ (1,575.00) |
| TOTAL ASSESSMENT DISTRICT NO. 05-21 IMPROVEMENTS CHANGE ORDER PRICE (SECTIONS A-C) | | | | \$ (283,904.75) |
| NEW NON-ASSESSMENT DISTRICT IMPROVEMENTS | | | | |
| NEW DOMESTIC WATER IMPROVEMENTS (NON-CAPITAL) | | | | |
| NEW RE-STOCK 10" DOMESTIC WATER ALREADY PURCHASED AND ANY APPURTENANCES. LIST OF POTENTIAL ITEMS INCLUDES; | | | | |
| 2,335 LF; 10" PVC C-900, DR-14 DOMESTIC WATER MAIN | 1 | LS | \$ 3,482.00 | \$ 3,482.00 |
| 3 EA; 10"X6"X10" TEE | | | | |
| 2 EA; 10"X8"X10" TEE | | | | |
| 10 EA; 10" FE X PO ADAPTER | | | | |
| 3 EA; 10" GATE VALVE | | | | |
| NEW RECYCLED WATER IMPROVEMENTS (NON-CAPITAL) | | | | |
| NEW RE-STOCK 6" RECYCLED WATER ALREADY PURCHASED. LIST OF POTENTIAL ITEMS INCLUDES; | | | | |
| 498 LF; 6" AWWA PURPLE PVC C-900, DR-14 RECYCLED WATER MAIN | 1 | LS | \$ 672.00 | \$ 672.00 |
| TOTAL NON-ASSESSMENT DISTRICT IMPROVEMENTS CHANGE ORDER PRICE | | | | \$ 4,154.00 |
| D. GENERAL - IRWD CAPITAL FACILITIES | | | | |
| 22. MOBILIZATION (NOT TO EXCEED 2% OF CONTRACT PRICE (SECTIONS D-E & NEW)) | 1 | LS | \$ 5,000.00 | \$ 5,000.00 |
| 23. PAYMENT & PERFORMANCE BONDS (SECTION D-E & NEW) | 1 | LS | \$ 6,863.98 | \$ 6,863.98 |


CONTRACTOR'S ESTIMATE
ORCHARD HILLS (PA 1)
NEIGHBORHOOD 4
JEFFREY ROAD EXTENSION
CONTRACT "B1" WET UTILITIES (DOMESTIC & RECYCLED WATER)
ASSESSMENT DISTRICT NO. 05-21 AND IRWD CAPITAL IMPROVEMENTS
(PREVAILING WAGE)
TASK/PC ID NO. LD-0001.ST.50.cn01
CONTRACT NO. 45000___

| CONTRACTOR: FYDAQ COMPANIES, INC. | | | | | |
|--|--|-----------------------|------|--------------|----------------------|
| Item # | Description | Estimated Quantity | Unit | Unit Price | Total |
| 26. | INTERIM EROSION AND SEDIMENT CONTROL (SECTIONS D-E & NEW) | 1 | LS | \$ 750.00 | \$ 750.00 |
| E. IRWD RECYCLED WATER CAPITAL FACILITIES | | | | | |
| NOTE: All tees, bends and other fittings are to be included in the pipe unit price | | | | | |
| 29. | INSTALL 6" AWWA PURPLE PVC C900, DR-14 PER IRWD STD. NO. W-17 | -498 | LF | \$ 47.75 | \$ (23,779.50) |
| NEW | INSTALL 8" AWWA PURPLE PVC C900, DR-14 PER IRWD STD. NO. W-17 | 498 | LF | \$ 69.25 | \$ 34,486.50 |
| NEW IRWD DOMESTIC WATER CAPITAL FACILITIES | | | | | |
| NOTE: All tees, bends and other fittings are to be included in the pipe unit price | | | | | |
| NEW | INSTALL 12" PVC C-900, DR-14 DOMESTIC WATER MAIN PER IRWD STD. NO. W-17 | 2,630 | LF | \$ 129.50 | \$ 340,585.00 |
| NEW | INSTALL TEMPORARY FLUSH-OUT ASSEMBLY PER IRWD STD. NO. W-12 | 1 | EA | \$ 233.50 | \$ 233.50 |
| NEW | INSTALL 6" RESIDENTIAL FIRE HYDRANT ASSEMBLY W/ BFV PER IRWD STD. NO. W-8 WITH BLUE REFLECTIVE PAVEMENT MARKER PER O.C.F.A. GUIDELINES | 3 | EA | \$ 2,860.00 | \$ 8,580.00 |
| NEW | INSTALL 8" RESIDENTIAL FIRE HYDRANT ASSEMBLY W/ BFV PER IRWD STD. NO. W-8 WITH BLUE REFLECTIVE PAVEMENT MARKER PER O.C.F.A. GUIDELINES | 2 | EA | \$ 13,715.00 | \$ 27,430.00 |
| NEW | INSTALL 1" AIR AND VACUUM RELEASE PER IRWD STD. NO. W-11 | 1 | EA | \$ 15,462.00 | \$ 15,462.00 |
| NEW | INSTALL 12" BUTTERFLY VALVE (FE X FE) PER IRWD STD. W-22 | 5 | EA | \$ 5,594.00 | \$ 27,970.00 |
| NEW | INSTALL END OF LINE FLUSH-OUT ASSEMBLY (WITH BUTTERFLY VALVE) PER IRWD STD. NO. W-13 & DETAIL ON PLAN | 1 | EA | \$ 11,539.00 | \$ 11,539.00 |
| NEW | INSTALL END OF LINE FLUSH-OUT ASSEMBLY (WITHOUT VALVE) PER IRWD STD. NO. W-13 & DETAIL ON PLAN | 1 | EA | \$ 8,264.00 | \$ 8,264.00 |
| NEW | INSTALL CONCRETE SLOPE ANCHOR PER IRWD STD. NO. G-10 | 9 | EA | \$ 710.00 | \$ 6,390.00 |
| NEW | ADJUST VALVE CAP TO BASE PAVE GRADE | 5 | EA | \$ 725.00 | \$ 3,625.00 |
| NEW | ADJUST VALVE CAP TO FINAL GRADE | 5 | EA | \$ 550.00 | \$ 2,750.00 |
| NEW | REMOVE AND RECONSTRUCT PORTION OF EXISTING CONCRETE TERRACE DRAINS AS REQUIRED TO CONSTRUCT 12" DOMESTIC WATER LINE WITHIN SLOPE. | 1 | LS | \$ 5,880.00 | \$ 5,880.00 |
| NEW | ALL ELSE REQUIRED AS SHOWN ON THE PLANS AND SPECIFICATIONS, BUT NOT LISTED ON THE SCHEDULE OF VALUES | 1 | LS | \$ 1,500.00 | \$ 1,500.00 |
| TOTAL IRWD CAPITAL CHANGE ORDER PRICE (SECTIONS D-E & NEW) | | | | | \$ 483,529.48 |
| GRAND TOTAL CHANGE ORDER PRICE (SECTIONS A-E & NEW) | | | | | \$ 203,778.73 |

March 11, 2024

Prepared by: K. Lew / B. Rios / E. Akiyoshi

Submitted by: K. Burton

Approved by: Paul A. Cook 

CONSENT CALENDAR

PLANNING AREA 51 HERITAGE FIELDS CAPITAL FACILITIES

SUMMARY:

Heritage Fields, LLC is proceeding with the development of Planning Area 51 (Great Park), which includes the construction of streets, storm drains, domestic water, sanitary sewer, and recycled water improvements. As part of the development, Heritage Fields will construct IRWD capital facilities under an existing Supplemental Reimbursement Agreement (SRA). Staff recommends that the Board:

- Authorize the General Manager to accept Heritage Fields' construction contract with FYDAQ Company, Inc. in the amount of \$1,667,287 for the Marine Way Capital Domestic Water, Sanitary Sewer, and Recycled Water Improvement project; and
- Authorize the General Manager to accept Heritage Fields' construction contract with FYDAQ Company, Inc. in the amount of \$232,314.80 for the Lynx Capital Domestic Water and Sanitary Sewer Improvement project.

BACKGROUND:

Heritage Fields is moving forward with the residential development of Districts 5 and 6. District 5 South is south of Cadence, west of Lynx, north of Harrier, and east of Treble. District 6 North is north of Marine Way, south of Harrier, and east of Treble. The project location map is shown as Exhibit "A". As part of this development, Heritage Fields will design and construct IRWD's domestic water, sanitary sewer, and recycled water capital improvements. The required IRWD capital facilities are documented in the September 2016 Planning Area 51 Sub-Area Master Plan Update and all subsequent addendums and updates prepared by Stantec.

The design and construction of the IRWD facilities will be performed under the terms of the Master Reimbursement Agreement approved by the Board in August 2012 and as further refined in the SRA dated November 25, 2019.

Marine Way Capital Domestic Water, Sanitary Sewer, and Recycled Water Improvements:

The Marine Way Capital Domestic Water, Sanitary Sewer, and Recycled Water Improvements consist of installing approximately 6,600 feet of 12-inch domestic water pipeline, 1,700 feet of 16-inch and 18-inch sewer pipeline, and 6,600 feet of 8-inch and 16-inch recycled water pipeline in Marine Way from Skyhawk to Lynx. Heritage Fields retained Hunsaker and Associates and Proactive Engineering Consultants to prepare the plans and received bids from three contractors. Heritage Fields recommends awarding the construction contract to the low bidder, FYDAQ Company Inc., for a bid amount of \$1,667,287, as shown in Exhibit "B". In addition, Heritage Fields has received consultant proposals for geotechnical observation and testing, surveying, and construction support services. Field archeological and paleontological monitoring were provided

during mass grading and are not included in the bid. Staff reviewed the consultant proposals and the construction bids and found the amounts to be acceptable. A summary of the Marine Way Capital Domestic Water, Sanitary Sewer, and Recycled Water Improvement costs are shown below:

| | |
|---|--------------------|
| Design (Hunsaker) | \$9,000.00 |
| Design (Proactive) | \$93,700.00 |
| Construction (FYDAQ) | \$1,667,287.00 |
| Geotechnical Services (Engeo) | \$35,395.00 |
| Surveying (Hunsaker) | \$59,700.00 |
| Construction Engineering (Proactive) | \$14,600.00 |
| Heritage Fields Administration Fee (1%) | <u>\$16,672.87</u> |
| | \$1,896,354.87 |

Lynx Capital Domestic Water and Sanitary Sewer Improvements:

The Lynx Capital Domestic Water and Sanitary Sewer Improvements consist of installing approximately 650 feet of 12-inch domestic water pipeline and 600 feet of 16-inch sewer pipeline on Lynx from Marine Way to Harrier. Heritage Fields retained Hunsaker and Associates to prepare the plans and received bids from three contractors. Heritage Fields recommends awarding the construction contract to the low bidder, FYDAQ Company Inc., for a bid amount of \$232,314.80, as shown in Exhibit “C”. In addition, Heritage Fields has received consultant proposals for geotechnical observation and testing and field coordination/surveying. Field archeological and paleontological monitoring were provided during mass grading and are not included in the bid. Staff has reviewed the consultant proposals and the construction bids and find the amounts to be acceptable. A summary of the Lynx Capital Domestic Water and Sanitary Sewer Improvement costs is shown below:

| | |
|---|-------------------|
| Design (Hunsaker) | \$60,700.00 |
| Construction (FYDAQ) | \$232,314.80 |
| Geotechnical Services (Engeo) | \$20,700.00 |
| Field Coordination/Surveying (Hunsaker) | \$13,300.00 |
| Heritage Fields Administration Fee (1%) | <u>\$2,323.14</u> |
| | \$329,337.94 |

FISCAL IMPACTS:

Projects 12371, 12386, 12387, 12432, and 12433 are included in the FY 2023-24 Capital Budget and are funded by Improvement Districts 1120 and 2120.

ENVIRONMENTAL COMPLIANCE:

Construction of capital domestic water, sewer, and recycled water facilities for the Great Park Development is subject to CEQA. In conformance with the California Code of Regulations Title 14, Chapter 3, Article 7 an Environmental Impact Report was certified by the City of Irvine, the lead agency on April 4, 2012 (SCH# 2002101020).

COMMITTEE STATUS:

This item was reviewed at the February 20, 2024, Engineering and Operations Committee meeting.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO ACCEPT HERITAGE FIELDS' CONSTRUCTION CONTRACT WITH FYDAQ COMPANY, INC. IN THE AMOUNT OF \$1,667,287 FOR THE MARINE WAY CAPITAL DOMESTIC WATER, SANITARY SEWER AND RECYCLED WATER IMPROVEMENTS, PROJECTS 12371, 12386, AND 12387; AND AUTHORIZE THE GENERAL MANAGER TO ACCEPT HERITAGE FIELDS' CONSTRUCTION CONTRACT WITH FYDAQ COMPANY, INC. IN THE AMOUNT OF \$232,314.80 FOR THE LYNX CAPITAL DOMESTIC WATER AND SANITARY SEWER IMPROVEMENTS, PROJECTS 12432 AND 12433.

LIST OF EXHIBITS:

Exhibit "A" – Location Map

Exhibit "B" – Bid Summary, Marine Way Capital Domestic Water, Sanitary Sewer and Recycled Water Improvements, Projects 12371, 12386 and 12387

Exhibit "C" – Bid Summary, Lynx Capital Domestic Water and Sanitary Sewer Improvements, Projects 12432 and 12433

Note: This page is intentionally left blank.

Exhibit "A"

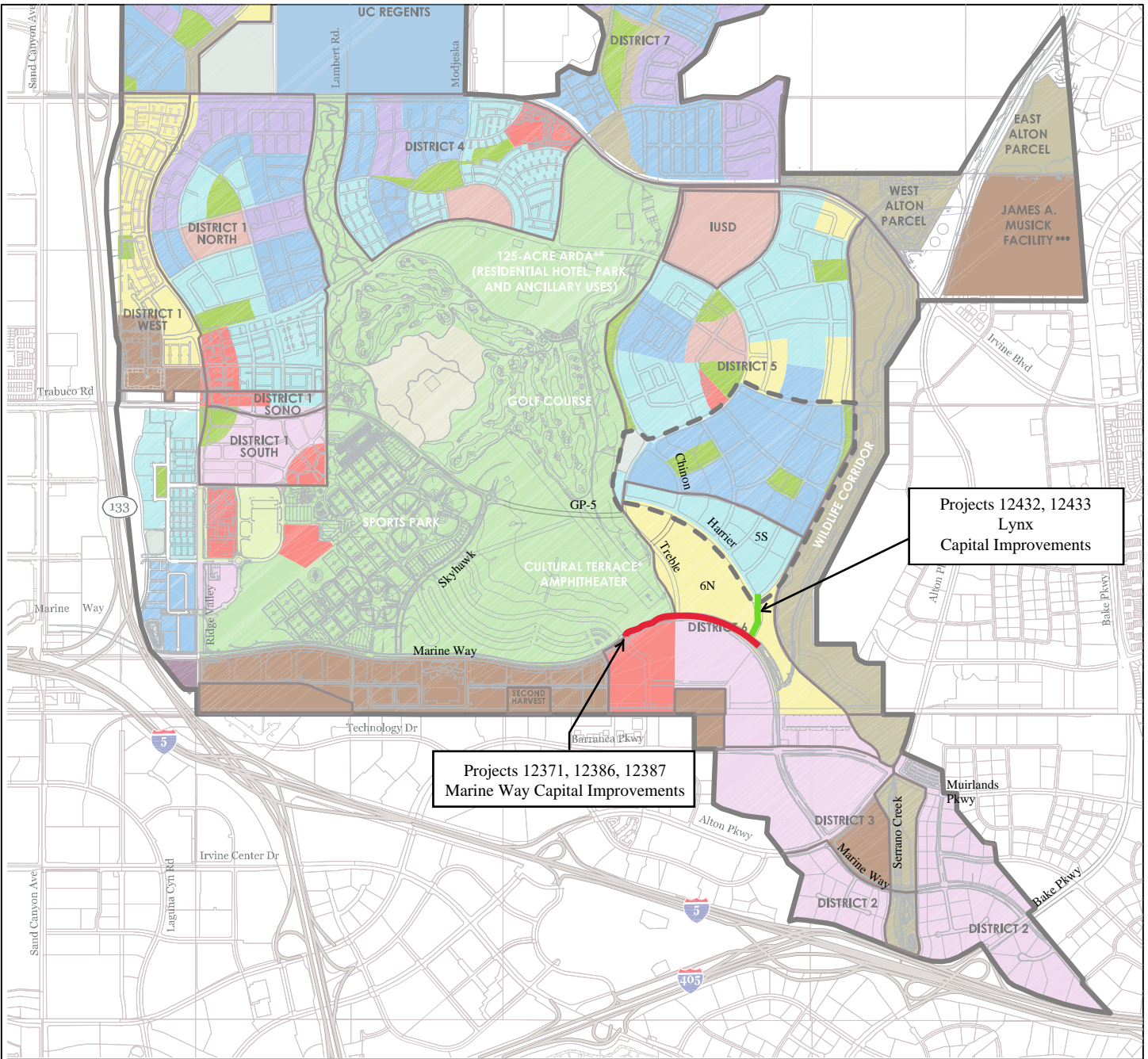


EXHIBIT A
LOCATION MAP
not to scale

Note: This page is intentionally left blank.

PROJECT: Marine Way Stage 2 Wet Improvements
IRWD Code 7902 & MW Stage 2 Storm Drain Imp.

OWNER: Heritage Fields El Toro, LLC

IRWD CAPITAL CODE# 7902 BID SPREAD

Engineer's Estimate

Fydaq - Low

L&S

Leatherwood

CAPITAL - MARINE WAY STAGE 2 IRWD - CODE 7902

Capital - Marine Way Stage 2 IRWD Code 7902

| | | | | |
|--|---|------------------------|------------------------|------------------------|
| C | Capital - Marine Way Stage 2 IRWD Code 7902 | | | |
| C.1 | SUB-TOTAL, SUBSECTION C.1 - General Items | \$ 62,500.00 | \$ 31,397.00 | \$ 59,000.00 |
| C.2 | SUB-TOTAL, SUBSECTION C.2 - Sewer - Capital | \$ 218,170.00 | \$ 162,736.00 | \$ 212,051.00 |
| C.3 | SUB-TOTAL, SUBSECTION C.3 - Domestic Water - Capital | \$ 715,880.00 | \$ 659,715.00 | \$ 697,020.00 |
| C.4 | SUB-TOTAL, SUBSECTION C.4 - Recycled Water - Capital | \$ 1,040,100.00 | \$ 813,439.00 | \$ 1,039,300.00 |
| C.5 | SUB-TOTAL, SUBSECTION C.5 - Additional Capital Construction Items on Plans not Identified in the Bid CPS (List Items) | \$ - | \$ - | \$ - |
| TOTAL CAPITAL CONTRACT PRICE SCHEDULE | | \$ 2,036,650.00 | \$ 1,667,287.00 | \$ 2,007,371.00 |

CAPITAL IMPROVEMENTS - Marine Way Stage 2

Marine Way from Skyhawk to 3800' Easterly

| NO. | CODE | General Items | QTY | UNIT | UNIT PRICE | AMOUNT |
|--|--------|---|-----|------|--------------|---------------------|
| 001 | 126-01 | Mobilization, (Not to Exceed 2% of Section A) | 1 | LS | \$ 15,000.00 | \$ 15,000.00 |
| 002 | 126-01 | Develop Construction Water Supply & Storage | 1 | LS | \$ 5,000.00 | \$ 5,000.00 |
| 003 | 126-01 | Performance, Labor and Payment Bond | 1 | LS | \$ 30,000.00 | \$ 30,000.00 |
| 004 | 126-01 | SWPPP & BMP's (Interim Erosion Control) | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| 005 | 126-01 | Traffic Control | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |
| C.1 SUB-TOTAL, SUBSECTION C.1 - General Items | | | | | | \$ 62,500.00 |

| UNIT PRICE | AMOUNT |
|--------------|---------------------|
| \$ 5,000.00 | \$ 5,000.00 |
| \$ 1,000.00 | \$ 1,000.00 |
| \$ 23,397.00 | \$ 23,397.00 |
| \$ 1,000.00 | \$ 1,000.00 |
| \$ 1,000.00 | \$ 1,000.00 |
| \$ | \$ 31,397.00 |

| UNIT PRICE | AMOUNT |
|--------------|---------------------|
| \$ 13,000.00 | \$ 13,000.00 |
| \$ 5,000.00 | \$ 5,000.00 |
| \$ 31,000.00 | \$ 31,000.00 |
| \$ 7,500.00 | \$ 7,500.00 |
| \$ 2,500.00 | \$ 2,500.00 |
| \$ | \$ 59,000.00 |

| UNIT PRICE | AMOUNT |
|--------------|---------------------|
| \$ 40,000.00 | \$ 40,000.00 |
| \$ 7,500.00 | \$ 7,500.00 |
| \$ 26,000.00 | \$ 26,000.00 |
| \$ 2,500.00 | \$ 2,500.00 |
| \$ 1,000.00 | \$ 1,000.00 |
| \$ | \$ 77,000.00 |

| NO. | CODE | Sewer - Capital | QUAN | UNIT | UNIT PRICE | AMOUNT |
|--|--------|--|------|------|--------------|----------------------|
| 006 | 130-05 | Furnish and install 18" PVC Green C900 (DR14) sewer main including sewer indicator tape per IRWD std. dwg. S-6 and specifications, bedding, backfill, presure test , complete. | 317 | LF | \$ 500.00 | \$ 158,500.00 |
| 007 | 130-05 | Furnish and install 6" PVC SDR 35 sewer lateral including sewer indicator tape per IRWD std. dwg. S-6 and specifications, bedding, backfill, presure test , frame and cover, concrete pad, fittings, complete. | 30 | LF | \$ 130.00 | \$ 3,900.00 |
| 008 | 130-10 | Construct 60" diameter manhole per IRWD std. dwg. S-1 with 30" diameter manhole frame and cover, complete. | 2 | EA | \$ 20,000.00 | \$ 40,000.00 |
| 009 | 130-10 | Furnish and Install temporary terminal cleanout per IRWD std. dwg. S-5 and specifications, complete (deletable) | 1 | EA | \$ 2,000.00 | \$ 2,000.00 |
| 010 | 130-10 | Furnish and Install temporary 18" PVC plug per IRWD specifications, complete (deletable) | 1 | EA | \$ 1,000.00 | \$ 1,000.00 |
| 011 | 130-10 | Base pavement adjust manholes to grade per IRWD specifications, complete | 2 | EA | \$ 750.00 | \$ 1,500.00 |
| 012 | 130-10 | Cap pavement adjust manhole to grade per IRWD specifications, complete | 2 | EA | \$ 800.00 | \$ 1,600.00 |
| 013 | 130-05 | Join Existing sewer per IRWD specifications, complete | 1 | EA | \$ 5,000.00 | \$ 5,000.00 |
| 014 | 130-06 | Remove and dispose of existing temporary cleanout, complete | 1 | EA | \$ 1,500.00 | \$ 1,500.00 |
| 015 | 130-05 | Preform and provide copy of video of sewer main to IRWD inspector per IRWD specificatins, complete | 317 | LF | \$ 10.00 | \$ 3,170.00 |
| C.2 SUB-TOTAL, SUBSECTION C.2 - Sewer - Capital | | | | | | \$ 218,170.00 |

| UNIT PRICE | AMOUNT |
|--------------|----------------------|
| \$ 345.00 | \$ 109,365.00 |
| \$ 104.00 | \$ 3,120.00 |
| \$ 16,575.00 | \$ 33,150.00 |
| \$ 7,500.00 | \$ 7,500.00 |
| \$ 1,250.00 | \$ 1,250.00 |
| \$ 600.00 | \$ 1,200.00 |
| \$ 600.00 | \$ 1,200.00 |
| \$ 2,500.00 | \$ 2,500.00 |
| \$ 2,500.00 | \$ 2,500.00 |
| \$ 3.00 | \$ 951.00 |
| \$ | \$ 162,736.00 |

| UNIT PRICE | AMOUNT |
|--------------|----------------------|
| \$ 495.00 | \$ 156,915.00 |
| \$ 110.00 | \$ 3,300.00 |
| \$ 18,500.00 | \$ 37,000.00 |
| \$ 1,400.00 | \$ 1,400.00 |
| \$ 2,500.00 | \$ 2,500.00 |
| \$ 850.00 | \$ 1,700.00 |
| \$ 850.00 | \$ 1,700.00 |
| \$ 4,500.00 | \$ 4,500.00 |
| \$ 500.00 | \$ 500.00 |
| \$ 8.00 | \$ 2,536.00 |
| \$ | \$ 212,051.00 |

| UNIT PRICE | AMOUNT |
|--------------|----------------------|
| \$ 500.00 | \$ 158,500.00 |
| \$ 300.00 | \$ 9,000.00 |
| \$ 20,000.00 | \$ 40,000.00 |
| \$ 1,500.00 | \$ 1,500.00 |
| \$ 500.00 | \$ 500.00 |
| \$ 750.00 | \$ 1,500.00 |
| \$ 750.00 | \$ 1,500.00 |
| \$ 10,000.00 | \$ 10,000.00 |
| \$ 1,000.00 | \$ 1,000.00 |
| \$ 35.00 | \$ 11,095.00 |
| \$ | \$ 234,595.00 |

| NO. | CODE | Domestic Water - Capital | QUAN | UNIT | UNIT PRICE | AMOUNT |
|-----|--------|---|-------|------|-------------|---------------|
| 016 | 131-05 | Furnish and install 12" APPW C-900 PVC (DR-14) water main including indicator tape per and tracer wire per IRWD std. dwg. W-17 and specifications, bacterial testing, pressure test, complete | 3,752 | LF | \$ 140.00 | \$ 525,280.00 |
| 017 | 131-15 | Furnish and Install 12" Butter Fly Valve CL-150B (FE x FE) and valve box per IRWD standard drawing W-22 and specifications, complete | 14 | EA | \$ 5,500.00 | \$ 77,000.00 |
| 018 | 131-05 | Furnish and Install 12" DI Adapter (FE x PO) per IRWD specifications, complete | 32 | EA | \$ 1,000.00 | \$ 32,000.00 |

| UNIT PRICE | AMOUNT |
|-------------|---------------|
| \$ 115.00 | \$ 431,480.00 |
| \$ 5,545.00 | \$ 77,630.00 |
| \$ 975.00 | \$ 31,200.00 |

| UNIT PRICE | AMOUNT |
|-------------|---------------|
| \$ 135.00 | \$ 506,520.00 |
| \$ 5,400.00 | \$ 75,600.00 |
| \$ 1,300.00 | \$ 41,600.00 |

| UNIT PRICE | AMOUNT |
|-------------|---------------|
| \$ 150.00 | \$ 562,800.00 |
| \$ 5,000.00 | \$ 70,000.00 |
| \$ 500.00 | \$ 16,000.00 |

| | | | | | | |
|------------|--------|---|----|----|-------------|----------------------|
| 019 | 131-05 | Furnish and install temporary flush-out assemble per IRWD standard drawing W-12 and specifications, complete | 1 | EA | \$ 3,000.00 | \$ 3,000.00 |
| 020 | 131-05 | Furnish and Install 1" air-vac assemble per IRWD standard drawing W-11 and specifications, complete | 1 | EA | \$ 7,500.00 | \$ 7,500.00 |
| 021 | 131-05 | Furnish and Install 12"x12"x10"x10" DI Cross (FE x FE), complete | 2 | EA | \$ 3,500.00 | \$ 7,000.00 |
| 022 | 131-05 | Furnish and Install 12"x12"x10" DI Tee (FE x FE) and thrust block per IRWD standard drawing W-16 and specifications, complete | 1 | EA | \$ 2,500.00 | \$ 2,500.00 |
| 023 | 131-05 | Furnish and Install 12"x12"x8" DI Tee (FE x FE) and thrust block per IRWD standard drawing W-16 and specifications, complete | 8 | EA | \$ 2,000.00 | \$ 16,000.00 |
| 024 | 131-05 | Furnish and Install 12"x12"x6" DI Tee (FE x FE) and thrust block per IRWD standard drawing W-16 and specifications, complete | 3 | EA | \$ 2,000.00 | \$ 6,000.00 |
| 025 | 131-05 | Furnish and Install 12"x12"x4" DI Tee (FE x FE) and thrust block per IRWD standard drawing W-16 and specifications, complete | 2 | EA | \$ 2,000.00 | \$ 4,000.00 |
| 026 | 131-20 | Furnish and Install Blow off assembly per IRWD standard drawing W-14 and specifications, complete | 2 | EA | \$ 7,500.00 | \$ 15,000.00 |
| 027 | 131-15 | Base pavement adjust valve can to grade per IRWD specifications, complete | 13 | EA | \$ 600.00 | \$ 7,800.00 |
| 028 | 131-15 | Cap pavement adjust valve can to grade per IRWD specifications, complete | 13 | EA | \$ 600.00 | \$ 7,800.00 |
| 029 | 131-05 | Remove and dispose temporary flush-out and Join existing 12" PVC per IRWD Specifications, complete | 1 | EA | \$ 5,000.00 | \$ 5,000.00 |
| C.3 | | SUB-TOTAL, SUBSECTION C.3 - Domestic Water - Capital | | | | \$ 715,880.00 |

| | |
|--------------|----------------------|
| \$ 5,000.00 | \$ 5,000.00 |
| \$ 6,700.00 | \$ 6,700.00 |
| \$ 4,275.00 | \$ 8,550.00 |
| \$ 3,185.00 | \$ 3,185.00 |
| \$ 2,715.00 | \$ 21,720.00 |
| \$ 2,560.00 | \$ 7,680.00 |
| \$ 2,450.00 | \$ 4,900.00 |
| \$ 19,610.00 | \$ 39,220.00 |
| \$ 575.00 | \$ 7,475.00 |
| \$ 575.00 | \$ 7,475.00 |
| \$ 7,500.00 | \$ 7,500.00 |
| | \$ 659,715.00 |

| | |
|-------------|----------------------|
| \$ 2,500.00 | \$ 2,500.00 |
| \$ 7,200.00 | \$ 7,200.00 |
| \$ 1,650.00 | \$ 3,300.00 |
| \$ 1,500.00 | \$ 1,500.00 |
| \$ 1,450.00 | \$ 11,600.00 |
| \$ 1,400.00 | \$ 4,200.00 |
| \$ 1,350.00 | \$ 2,700.00 |
| \$ 8,500.00 | \$ 17,000.00 |
| \$ 750.00 | \$ 9,750.00 |
| \$ 750.00 | \$ 9,750.00 |
| \$ 3,800.00 | \$ 3,800.00 |
| | \$ 697,020.00 |

| | |
|-------------|----------------------|
| \$ 2,500.00 | \$ 2,500.00 |
| \$ 7,500.00 | \$ 7,500.00 |
| \$ 3,500.00 | \$ 7,000.00 |
| \$ 2,500.00 | \$ 2,500.00 |
| \$ 2,000.00 | \$ 16,000.00 |
| \$ 2,000.00 | \$ 6,000.00 |
| \$ 2,000.00 | \$ 4,000.00 |
| \$ 5,000.00 | \$ 10,000.00 |
| \$ 500.00 | \$ 6,500.00 |
| \$ 500.00 | \$ 6,500.00 |
| \$ 5,000.00 | \$ 5,000.00 |
| | \$ 722,300.00 |

| NO. | CODE | Recycled Water - Capital | QUAN | UNIT | | AMOUNT |
|------------|--------|--|-------|------|--------------|------------------------|
| 030 | 132-02 | Furnish and install 16" APPW C-900 PVC (DR-14) purple water main including indicator tape per and tracer wire per IRWD std. dwg. W-17 and specifications, bacterial testing, pressure test, complete | 3,808 | LF | \$ 225.00 | \$ 856,800.00 |
| 031 | 132-15 | Furnish and Install 16" Butter Fly Valve (FE x FE) and valve box per IRWD standard drawing W-22 and specifications, complete | 7 | EA | \$ 10,000.00 | \$ 70,000.00 |
| 032 | 132-15 | Base pavement adjust valve can to grade per IRWD specifications, complete | 9 | EA | \$ 600.00 | \$ 5,400.00 |
| 033 | 132-15 | Cap pavement adjust valve can to grade per IRWD specifications, complete | 9 | EA | \$ 600.00 | \$ 5,400.00 |
| 034 | 132-02 | Furnish and Install 16" DI Adapter (FE x PO) per IRWD specifications, complete | 13 | EA | \$ 2,000.00 | \$ 26,000.00 |
| 035 | 132-02 | Furnish and Install 2" air-vac assemble per IRWD standard drawing W-11 and specifications, complete | 1 | EA | \$ 11,000.00 | \$ 11,000.00 |
| 036 | 132-20 | Furnish and Install Blow off assembly (case 3) per IRWD standard drawing W-14 and specifications, with 6" valve at tee, complete | 2 | EA | \$ 12,000.00 | \$ 24,000.00 |
| 037 | 132-05 | Remove and dispose temporary flush-out and Join existing 12" PVC per IRWD Specifications, complete | 1 | EA | \$ 5,000.00 | \$ 5,000.00 |
| 038 | 132-05 | Furnish and Install 16"x16"x6" DI Tee (FE x FE) and thrust block per IRWD standard drawing W-16 and specifications, complete | 5 | EA | \$ 3,500.00 | \$ 17,500.00 |
| 039 | 132-05 | Furnish and Install 16"x16"x6"x6" DI Cross (FE x FE) and thrust block per IRWD standard drawing W-16 and specifications, complete | 1 | EA | \$ 3,500.00 | \$ 3,500.00 |
| 040 | 132-05 | Furnish and Install 6" x 4" DI Reducer (FE x PO) per IRWD specifications, complete | 2 | EA | \$ 1,500.00 | \$ 3,000.00 |
| 041 | 132-30 | Furnish and Install Recycled water wharf head hydrant per IRWD standard drawing W-16 and specifications, complete | 1 | EA | \$ 12,500.00 | \$ 12,500.00 |
| C.4 | | SUB-TOTAL, SUBSECTION C.4 - Recycled Water - Capital | | | | \$ 1,040,100.00 |

| UNIT PRICE | AMOUNT |
|--------------|----------------------|
| \$ 163.00 | \$ 620,704.00 |
| \$ 7,040.00 | \$ 49,280.00 |
| \$ 575.00 | \$ 5,175.00 |
| \$ 575.00 | \$ 5,175.00 |
| \$ 1,390.00 | \$ 18,070.00 |
| \$ 16,845.00 | \$ 16,845.00 |
| \$ 17,000.00 | \$ 34,000.00 |
| \$ 7,500.00 | \$ 7,500.00 |
| \$ 7,500.00 | \$ 37,500.00 |
| \$ 6,130.00 | \$ 6,130.00 |
| \$ 1,030.00 | \$ 2,060.00 |
| \$ 11,000.00 | \$ 11,000.00 |
| | \$ 813,439.00 |

| UNIT PRICE | AMOUNT |
|--------------|------------------------|
| \$ 225.00 | \$ 856,800.00 |
| \$ 11,000.00 | \$ 77,000.00 |
| \$ 750.00 | \$ 6,750.00 |
| \$ 750.00 | \$ 6,750.00 |
| \$ 2,000.00 | \$ 26,000.00 |
| \$ 10,500.00 | \$ 10,500.00 |
| \$ 9,800.00 | \$ 19,600.00 |
| \$ 4,500.00 | \$ 4,500.00 |
| \$ 3,200.00 | \$ 16,000.00 |
| \$ 3,600.00 | \$ 3,600.00 |
| \$ 650.00 | \$ 1,300.00 |
| \$ 10,500.00 | \$ 10,500.00 |
| | \$ 1,039,300.00 |

| UNIT PRICE | AMOUNT |
|--------------|------------------------|
| \$ 225.00 | \$ 856,800.00 |
| \$ 12,000.00 | \$ 84,000.00 |
| \$ 500.00 | \$ 4,500.00 |
| \$ 500.00 | \$ 4,500.00 |
| \$ 1,500.00 | \$ 19,500.00 |
| \$ 10,000.00 | \$ 10,000.00 |
| \$ 12,000.00 | \$ 24,000.00 |
| \$ 500.00 | \$ 500.00 |
| \$ 3,500.00 | \$ 17,500.00 |
| \$ 3,500.00 | \$ 3,500.00 |
| \$ 500.00 | \$ 1,000.00 |
| \$ 15,000.00 | \$ 15,000.00 |
| | \$ 1,040,800.00 |

| NO. | CODE | Additional Capital Construction Items on Plans not Identified in the Bid CPS (List Items) | | | | |
|------------|------|--|--|--|--|-------------|
| 042 | | | | | | \$ - |
| 043 | | | | | | \$ - |
| 044 | | | | | | \$ - |
| 045 | | | | | | \$ - |
| 046 | | | | | | \$ - |
| 047 | | | | | | \$ - |
| C.5 | | SUB-TOTAL, SUBSECTION C.5 - Additional Capital Construction Items on Plans not Identified in the Bid CPS (List Items) | | | | \$ - |

| | |
|------|-------------|
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
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| \$ - | \$ - |
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| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| | \$ - |

| | | |
|----------|--|------------------------|
| C | TOTAL - MARINE WAY STAGE 2 IRWD CODE 7902 - CAPITAL | \$ 2,036,650.00 |
|----------|--|------------------------|

| |
|------------------------|
| \$ 1,667,287.00 |
|------------------------|

| |
|------------------------|
| \$ 2,007,371.00 |
|------------------------|

| |
|------------------------|
| \$ 2,074,695.00 |
|------------------------|

PROJECT: DISTRICT 6 NORTH BASIN
CAPITAL WET IMPROVEMENTS

OWNER: Heritage Fields El Toro, LLC

BID SPREAD IRWD CODE# 7931

| | ENGINEER'S ESTIMATE | FYDAQ - LOW | L&S | LEATHERWOOD |
|---|----------------------|----------------------|----------------------|----------------------|
| DISTRICT 6 NORTH BASIN - CAPITAL WET IMPROVEMENTS | | | | |
| TO HARRIER] 12" DOMESTIC WATER ZONE 3 (470 HGL), 4" RECYCLED WATER ZONE C (640 HGL), AND 15" SANITARY SEWER CAPITAL PROJECT NOS. 12432 & 12433 NON-CAPITAL PROJECT NO. 12323 & 12325 IRWD CODE 7931 | | | | |
| A LYNX - DOMESTIC WATER - CAPITAL | | | | |
| A.1 SUB-TOTAL, SUBSECTION A.1 - 131-01 DW DOMESTIC WATER-GENERAL | \$ 12,993.51 | \$ 11,342.25 | \$ 13,100.00 | \$ 27,000.00 |
| A.2 SUB-TOTAL, SUBSECTION A.2 - 131-02 DW SITE PREPARATION | \$ 5,659.00 | \$ 8,850.00 | \$ 5,800.00 | \$ 10,000.00 |
| A.3 SUB-TOTAL, SUBSECTION A.3 - 131-05 DW MAINLINE PIPE | \$ 81,788.00 | \$ 75,509.00 | \$ 103,040.00 | \$ 135,240.00 |
| A.4 SUB-TOTAL, SUBSECTION A.4 - 131-20 DW BLOW OFF ASSEMBLIES | \$ 2,631.00 | \$ 2,729.00 | \$ 3,200.00 | \$ 4,300.00 |
| A.5 SUB-TOTAL, SUBSECTION A.5 - ADDITIONAL CONSTRUCTION ITEMS ON PLANS NOT IDENTIFIED IN THE BID CPS (LIST ITEMS) | \$ - | \$ - | \$ - | \$ - |
| LYNX - DOMESTIC WATER - CAPITAL - TOTAL..... | \$ 103,071.51 | \$ 98,430.25 | \$ 125,140.00 | \$ 176,540.00 |
| TO HARRIER] 12" DOMESTIC WATER ZONE 3 (470 HGL), 4" RECYCLED WATER ZONE C (640 HGL), AND 15" SANITARY SEWER CAPITAL PROJECT NOS. 12432 & 12433 NON-CAPITAL PROJECT NO. 12323 & 12325 IRWD CODE 7931 | | | | |
| B LYNX - SANITARY SEWER - CAPITAL | | | | |
| B.1 SUB-TOTAL, SUBSECTION B.1 - 130-01 SW SEWER-GENERAL | \$ 15,839.04 | \$ 8,479.05 | \$ 16,100.00 | \$ 38,300.00 |
| B.2 SUB-TOTAL, SUBSECTION B.2 - 130-02 SW SITE PREPARATION | \$ 2,503.00 | \$ 2,845.00 | \$ 7,000.00 | \$ 20,000.00 |
| B.3 SUB-TOTAL, SUBSECTION B.3 - 130-05 SW MAINLINE | \$ 104,710.00 | \$ 95,229.50 | \$ 124,520.00 | \$ 149,990.00 |
| B.4 SUB-TOTAL, SUBSECTION B.4 - 130-10 SW MANHOLES | \$ 22,946.00 | \$ 24,801.00 | \$ 42,500.00 | \$ 26,750.00 |
| B.5 SUB-TOTAL, SUBSECTION B.5 - 130-20 SW CLEANOUTS | \$ 1,053.00 | \$ 1,380.00 | \$ 1,300.00 | \$ 3,600.00 |
| B.6 SUB-TOTAL, SUBSECTION B.6 - 130-25 SW MANHOLE RAISE | \$ 1,700.00 | \$ 1,150.00 | \$ 2,500.00 | \$ 3,000.00 |
| B.7 SUB-TOTAL, SUBSECTION B.7 - ADDITIONAL CONSTRUCTION ITEMS ON PLANS NOT IDENTIFIED IN THE BID CPS (LIST ITEMS) | \$ - | \$ - | \$ - | \$ - |
| LYNX - SANITARY SEWER - CAPITAL - TOTAL..... | \$ 148,751.04 | \$ 133,884.55 | \$ 193,920.00 | \$ 241,640.00 |
| GRAND TOTAL CAPITAL WET IMPROVEMENTS DISTRICT 6 NORTH BASIN - CONTRACT PRICE SCHEDULE | \$ 251,822.55 | \$ 232,314.80 | \$ 319,060.00 | \$ 418,180.00 |

TELEPHONE: 714-447-9760

FAX:

BY: G Huntley

STATE CONTRACTOR LICENSE NO: 665409

EXPIRATION: 3/31/25

DATE: 9/7/23

PROJECT: DISTRICT 6 NORTH BASIN
CAPITAL WET IMPROVEMENTS

OWNER: Heritage Fields El Toro, LLC

BID SPREAD IRWD CODE# 7931

| | | | | |
|--|----------------------------|--------------------|----------------|--------------------|
| | ENGINEER'S ESTIMATE | FYDAQ - LOW | L&S | LEATHERWOOD |
|--|----------------------------|--------------------|----------------|--------------------|

| LYNX - DOMESTIC WATER - CAPITAL | | | CONSTRUCTION PLANS FOR PLANNING AREA 51, GREAT PARK NEIGHBORHOODS DISTRICT 6 - CAPITAL IMPROVEMENTS LYNX [FROM MARINE WAY TO HARRIER] 12" DOMESTIC WATER ZONE 3 (470 HGL), 4" RECYCLED WATER ZONE C (640 HGL), AND 15" SANITARY SEWER CAPITAL PROJECT NOS. 12432 & 12433 NON-CAPITAL PROJECT NO. 12323 & 12325 IRWD CODE 7931 | | | |
|--|--|---|---|-------------|---------------------|----------------------|
| ITEM | CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | AMOUNT |
| 131-01 DW DOMESTIC WATER-GENERAL | | | | | | |
| 001 | 131-01 | Mobilization (Maximum of 2% of Section A Amount) | 1 | LS | \$ 1,801.56 | \$ 1,801.56 |
| 002 | 131-01 | Performance, Labor & Payment Bond | 1 | LS | \$ 900.78 | \$ 900.78 |
| 003 | 131-01 | Erosion Control - SWPPP & BMP's | 1 | LS | \$ 675.59 | \$ 675.59 |
| 004 | 131-01 | Development and Application of Construction Water | 1 | LS | \$ 675.59 | \$ 675.59 |
| 005 | 131-01 | Traffic Control | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |
| 006 | 131-01 | Chlorinate & Pressure Test Pipeline, including Disposal of Chlorinated Water, per IRWD Standards and Specifications, Complete | 1 | LS | \$ 6,440.00 | \$ 6,440.00 |
| A.1 SUB-TOTAL, SUBSECTION A.1 - 131-01 DW DOMESTIC WATER-GENERAL | | | | | \$ 12,993.51 | |
| 131-02 DW SITE PREPARATION | | | | | | |
| 007 | 131-02 | Clearing and Grubbing (All Vegetation Within the Project Site) | 1 | LS | \$ 924.00 | \$ 924.00 |
| 008 | 131-02 | Remove Existing Temporary Flush-out and Join Existing, Complete | 1 | EA | \$ 4,735.00 | \$ 4,735.00 |
| A.2 SUB-TOTAL, SUBSECTION A.2 - 131-02 DW SITE PREPARATION | | | | | \$ 5,659.00 | |
| 131-05 DW MAINLINE PIPE | | | | | | |
| 009 | 131-05 | Furnish and Install 12" PVC Waterline Pipe, C-900, DR 14, w/ Trenching, Bedding & Backfill per IRWD Std. W-17 including all Fittings, Appurtenances and Thrust Blocks per IRWD Std. W-16 and W-19 and as Shown on the Plans, Complete | 644 | LF | \$ 127.00 | \$ 81,788.00 |
| A.3 SUB-TOTAL, SUBSECTION A.3 - 131-05 DW MAINLINE PIPE | | | | | \$ 81,788.00 | |
| 131-20 DW BLOW OFF ASSEMBLIES | | | | | | |
| 010 | 131-20 | Furnish and Install Temporary Flush-Out Assembly per IRWD Std. W-12, including 1 Raise, Complete | 1 | EA | \$ 2,631.00 | \$ 2,631.00 |
| A.4 SUB-TOTAL, SUBSECTION A.4 - 131-20 DW BLOW OFF ASSEMBLIES | | | | | \$ 2,631.00 | |
| ADDITIONAL CONSTRUCTION ITEMS ON PLANS NOT IDENTIFIED IN THE BID CPS (LIST ITEMS) | | | QTY | UNIT | UNIT PRICE | AMOUNT |
| | | | | | \$ - | \$ - |
| | | | | | \$ - | \$ - |
| | | | | | \$ - | \$ - |
| | | | | | \$ - | \$ - |
| | | | | | \$ - | \$ - |
| A.5 SUB-TOTAL, SUBSECTION A.5 - ADDITIONAL CONSTRUCTION ITEMS ON PLANS NOT IDENTIFIED IN THE BID CPS (LIST ITEMS) | | | | | \$ - | |
| A | TOTAL LYNX - DOMESTIC WATER - CAPITAL - SECTION A - CONTRACT PRICE SCHEDULE | | | | | \$ 103,071.51 |

| UNIT PRICE | AMOUNT | AMOUNT | AMOUNT |
|---------------------|----------------------|----------------------|---------------|
| \$ 3,750.00 | \$ 3,750.00 | \$ 2,600.00 | \$ 3,500.00 |
| \$ 1,397.25 | \$ 1,397.25 | \$ 2,500.00 | \$ 5,000.00 |
| \$ 500.00 | \$ 500.00 | \$ 1,500.00 | \$ 2,500.00 |
| \$ 500.00 | \$ 500.00 | \$ 1,500.00 | \$ 5,000.00 |
| \$ 250.00 | \$ 250.00 | \$ 1,000.00 | \$ 1,000.00 |
| \$ 4,945.00 | \$ 4,945.00 | \$ 4,000.00 | \$ 10,000.00 |
| \$ 11,342.25 | \$ 13,100.00 | \$ 27,000.00 | |
| \$ 500.00 | \$ 500.00 | \$ 2,000.00 | \$ 5,000.00 |
| \$ 8,350.00 | \$ 8,350.00 | \$ 3,800.00 | \$ 5,000.00 |
| \$ 8,850.00 | \$ 5,800.00 | \$ 10,000.00 | |
| \$ 117.25 | \$ 75,509.00 | \$ 160.00 | \$ 135,240.00 |
| \$ 75,509.00 | \$ 103,040.00 | \$ 135,240.00 | |
| \$ 2,729.00 | \$ 2,729.00 | \$ 3,200.00 | \$ 4,300.00 |
| \$ 2,729.00 | \$ 3,200.00 | \$ 4,300.00 | |
| \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - |
| \$ 98,430.25 | \$ 125,140.00 | \$ 176,540.00 | |

PROJECT: DISTRICT 6 NORTH BASIN
CAPITAL WET IMPROVEMENTS

OWNER: Heritage Fields El Toro, LLC

BID SPREAD IRWD CODE# 7931

| | | | |
|---------------------|-------------|-----|-------------|
| ENGINEER'S ESTIMATE | FYDAQ - LOW | L&S | LEATHERWOOD |
|---------------------|-------------|-----|-------------|

| | |
|--|---|
| LYNX - SANITARY SEWER - CAPITAL | CONSTRUCTION PLANS FOR PLANNING AREA 51, GREAT PARK NEIGHBORHOODS DISTRICT 6 - CAPITAL IMPROVEMENTS LYNX [FROM MARINE WAY TO HARRIER] 12" DOMESTIC WATER ZONE 3 (470 HGL), 4" RECYCLED WATER ZONE C (640 HGL), AND 15" SANITARY SEWER CAPITAL PROJECT NOS. 12432 & 12433 NON-CAPITAL PROJECT NO. 12323 & 12325 IRWD CODE 7931 |
|--|---|

| ITEM | CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | AMOUNT |
|--|--|--|-----|------|--------------|----------------------|
| 130-01 SW SEWER-GENERAL | | | | | | |
| 011 | 130-01 | Mobilization (Maximum of 2% of Section B Amount) | 1 | LS | \$ 2,658.24 | \$ 2,658.24 |
| 012 | 130-01 | Performance, Labor & Payment Bond | 1 | LS | \$ 1,329.12 | \$ 1,329.12 |
| 013 | 130-01 | Erosion Control - SWPPP & BMP's | 1 | LS | \$ 996.84 | \$ 996.84 |
| 014 | 130-01 | Development and Application of Construction Water | 1 | LS | \$ 996.84 | \$ 996.84 |
| 015 | 130-01 | Traffic Control | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |
| 016 | 130-01 | Air Test and Video Pipeline Per IRWD Standards & Specifications, Complete | 1 | LS | \$ 7,358.00 | \$ 7,358.00 |
| B.1 | SUB-TOTAL, SUBSECTION B.1 - 130-01 SW SEWER-GENERAL | | | | | \$ 15,839.04 |
| 130-02 SW SITE PREPARATION | | | | | | |
| 017 | 130-02 | Clearing and Grubbing (All Vegetation Within the Project Site) | 1 | LS | \$ 924.00 | \$ 924.00 |
| 018 | 130-02 | Remove Existing Temporary Terminal Cleanout and Join Existing 15" Sewer Line, Complete | 1 | EA | \$ 1,579.00 | \$ 1,579.00 |
| B.2 | SUB-TOTAL, SUBSECTION B.2 - 130-02 SW SITE PREPARATION | | | | | \$ 2,503.00 |
| 130-05 SW MAINLINE | | | | | | |
| 019 | 130-05 | Furnish and Install 15" PVC, SDR 35, Sewer Pipe, including Trenching, Bedding, Backfill & Compaction per IRWD Std. DWG. S-6, Depth = 15'-20', Complete | 566 | LF | \$ 185.00 | \$ 104,710.00 |
| B.3 | SUB-TOTAL, SUBSECTION B.3 - 130-05 SW MAINLINE | | | | | \$ 104,710.00 |
| 130-10 SW MANHOLES | | | | | | |
| 020 | 130-10 | Construct 60" DIA. Manhole per IRWD Std. DWG. S-1 including 1 Raise, Depth = 15'-20', Complete | 2 | EA | \$ 11,048.00 | \$ 22,096.00 |
| 021 | 130-10 | Adjust Precast Concrete Manhole Shaft to Final Grade, Complete | 1 | EA | \$ 850.00 | \$ 850.00 |
| B.4 | SUB-TOTAL, SUBSECTION B.4 - 130-10 SW MANHOLES | | | | | \$ 22,946.00 |
| 130-20 SW CLEANOUTS | | | | | | |
| 022 | 130-20 | Furnish & Install Temporary 8" Terminal Cleanout Per IRWD Std. S-5, Including 1 Raise to Grade, Complete | 1 | EA | \$ 1,053.00 | \$ 1,053.00 |
| B.5 | SUB-TOTAL, SUBSECTION B.5 - 130-20 SW CLEANOUTS | | | | | \$ 1,053.00 |
| 130-25 SW MANHOLE RAISE | | | | | | |
| 023 | 130-25 | Raise Manhole to Final Grade After Improvements are Complete or Requested by Developer including Extra Move, Complete | 2 | EA | \$ 850.00 | \$ 1,700.00 |
| B.6 | SUB-TOTAL, SUBSECTION B.6 - 130-25 SW MANHOLE RAISE | | | | | \$ 1,700.00 |
| ADDITIONAL CONSTRUCTION ITEMS ON PLANS NOT IDENTIFIED IN THE BID CPS (LIST ITEMS) | | | | | | |
| | | | QTY | UNIT | UNIT PRICE | AMOUNT |
| | | | | | \$ - | \$ - |
| | | | | | \$ - | \$ - |
| | | | | | \$ - | \$ - |
| | | | | | \$ - | \$ - |
| | | | | | \$ - | \$ - |
| B.7 | SUB-TOTAL, SUBSECTION B.7 - ADDITIONAL CONSTRUCTION ITEMS ON PLANS NOT IDENTIFIED IN THE BID CPS (LIST ITEMS) | | | | | \$ - |
| B | TOTAL LYNX - SANITARY SEWER - CAPITAL - SECTION B - CONTRACT PRICE SCHEDULE | | | | | \$ 148,751.04 |

| UNIT PRICE | AMOUNT |
|----------------------|--------------|
| \$ 3,750.00 | \$ 3,750.00 |
| \$ 1,890.05 | \$ 1,890.05 |
| \$ 500.00 | \$ 500.00 |
| \$ 500.00 | \$ 500.00 |
| \$ 250.00 | \$ 250.00 |
| \$ 1,589.00 | \$ 1,589.00 |
| \$ 8,479.05 | |
| \$ 500.00 | \$ 500.00 |
| \$ 2,345.00 | \$ 2,345.00 |
| \$ 2,845.00 | |
| \$ 168.25 | \$ 95,229.50 |
| \$ 95,229.50 | |
| \$ 12,113.00 | \$ 24,226.00 |
| \$ 575.00 | \$ 575.00 |
| \$ 24,801.00 | |
| \$ 1,380.00 | \$ 1,380.00 |
| \$ 1,380.00 | |
| \$ 575.00 | \$ 1,150.00 |
| \$ 1,150.00 | |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | |
| \$ 133,884.55 | |

| AMOUNT |
|----------------------|
| \$ 3,900.00 |
| \$ 3,700.00 |
| \$ 2,500.00 |
| \$ 1,500.00 |
| \$ 1,000.00 |
| \$ 3,500.00 |
| \$ 16,100.00 |
| \$ 2,000.00 |
| \$ 5,000.00 |
| \$ 7,000.00 |
| \$ 220.00 |
| \$ 124,520.00 |
| \$ 124,520.00 |
| \$ 19,500.00 |
| \$ 3,500.00 |
| \$ 42,500.00 |
| \$ 1,300.00 |
| \$ 1,300.00 |
| \$ 1,300.00 |
| \$ 1,250.00 |
| \$ 2,500.00 |
| \$ 2,500.00 |
| \$ - |
| \$ - |
| \$ - |
| \$ - |
| \$ - |
| \$ - |
| \$ 193,920.00 |

| AMOUNT |
|----------------------|
| \$ 4,800.00 |
| \$ 5,000.00 |
| \$ 2,500.00 |
| \$ 5,000.00 |
| \$ 1,000.00 |
| \$ 20,000.00 |
| \$ 38,300.00 |
| \$ 5,000.00 |
| \$ 15,000.00 |
| \$ 20,000.00 |
| \$ 265.00 |
| \$ 149,990.00 |
| \$ 149,990.00 |
| \$ 13,000.00 |
| \$ 750.00 |
| \$ 26,750.00 |
| \$ 3,600.00 |
| \$ 3,600.00 |
| \$ 3,600.00 |
| \$ 1,500.00 |
| \$ 3,000.00 |
| \$ 3,000.00 |
| \$ - |
| \$ - |
| \$ - |
| \$ - |
| \$ - |
| \$ - |
| \$ 241,640.00 |


| | |
|--|----------------------|
| GRAND TOTAL DISTRICT 6 NORTH BASIN - CAPITAL WET IMPROVEMENTS - CONTRACT PRICE SCHEDULE | \$ 251,822.55 |
|--|----------------------|

| |
|----------------------|
| \$ 232,314.80 |
|----------------------|

| |
|----------------------|
| \$ 319,060.00 |
|----------------------|

| |
|----------------------|
| \$ 418,180.00 |
|----------------------|

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March 11, 2024
 Prepared by: A. Murphy / M. Cortez
 Submitted by: K. Burton
 Approved by: Paul A. Cook 

CONSENT CALENDAR

THREE-YEAR CATHODIC PROTECTION SYSTEM MONITORING FOR
 CALENDAR YEARS 2024 THROUGH 2026 – CONSULTANT SELECTION

SUMMARY:

IRWD installs and operates cathodic protection systems to minimize the corrosion of essential metallic pipelines and steel tanks that have a high rate of corrosion potential. These cathodic protection systems require periodic monitoring, evaluation, and adjustment to ensure optimal protection of the pipelines and structures. IRWD has typically utilized consultant services to perform these functions. Staff recommends that the Board authorize the General Manager to execute a Professional Services Agreement in the amount of \$406,337.80 with V&A Consulting Engineers for the Three-Year Cathodic Protection Monitoring for Calendar Years 2024 through 2026.

BACKGROUND:

IRWD has installed impressed current and galvanic cathodic protection (CP) systems to prevent the failure of essential metallic pipelines and steel tanks identified as having a high rate of corrosion. CP systems utilize anode beds and electric current, requiring periodic monitoring, evaluation, and adjustment to ensure optimal protection of the metallic structure. IRWD has routinely utilized consultant services to monitor, evaluate, and adjust the 54 metallic pipeline and 15 steel tank CP systems for a term of three years.

| Existing IRWD Cathodic Protection Systems | | | | |
|--|---------|------------|---------------------------------------|---------------|
| Pipelines | Systems | Rectifiers | Test Stations | Miles of Pipe |
| | | 54 | 67 | 586 |
| Tanks | Tanks | | Volume of Tanks (Millions of Gallons) | |
| | | 15 | 20.15 | |

Consultant Selection:

Staff sent a Request for Proposal for the three-year cathodic protection monitoring program to four consultants: HDR, Michael Baker International, Universal Corrosion Services, and V&A Consulting Engineers. HDR and V&A submitted proposals, and Universal and Michael Baker International declined to submit a proposal, citing staffing limitations. Staff evaluated the proposals received, and based on their thorough scope of work, experienced team, and cost-effectiveness, staff recommended the selection of V&A.

The Consultant Selection Matrix is provided as Exhibit “A”. V&A has previously performed CP design and monitoring services for IRWD and is qualified to perform the requested services.

V&A’s proposal includes monitoring and reporting on the CP systems, providing the monitoring data in geographic information systems format, providing recommendations for improvements to the systems, and troubleshooting any irregularities observed in the monitoring data. V&A’s proposal is provided as Exhibit “B”.

FISCAL IMPACTS:

Funding for the Cathodic Protection Monitoring Program is included in the FY 2024-25 Operating Budget. In the future, staff will propose the needed funding when the FY 2025-26 and FY 2026-27 Operating Budgets are being prepared.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15378.

COMMITTEE STATUS:

This item was reviewed at the February 20, 2024, Engineering and Operations Committee meeting.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT IN THE AMOUNT OF \$406,337.80 WITH V&A CONSULTING ENGINEERS FOR THE THREE-YEAR CATHODIC PROTECTION MONITORING FOR CALENDAR YEARS 2024 THROUGH 2026.

LIST OF EXHIBITS:

- Exhibit “A” – Consultant Selection Matrix
- Exhibit “B” – V&A Proposal for Cathodic Protection Engineering Services

Exhibit "A"
3-Year Cathodic Protection Monitoring Calendar Years 2024-2026
Consultant Selection Matrix

| | Weights | V&A Consulting Engineers | HDR |
|---|---------|--------------------------|--------------|
| TECHNICAL APPROACH | | | |
| *Project Approach | 40% | 1 | 2 |
| *Scope of Work | 25% | 2 | 1 |
| *Experience | 20% | 1 | 2 |
| *Man Hour Estimates | 15% | 1 | 2 |
| <i>Forced Ranking System: 1- Best, 2- Second Best, etc.</i> | | | |
| Weighted Score | | 1.25 | 1.75 |
| CONSULTANT RANKING | | 1 | 2 |
| FEE/HOURS | | | |
| *Hours | | 1,779 | 3,176 |
| *Fee | | \$406,337.80 | \$672,790.00 |
| *Unit Cost | | \$228 | \$212 |
| Professional Liability Insurance | | yes | yes |
| General Liability Insurance | | yes | yes |

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Professional Services Proposal

Engineering Services for the 3-Year Cathodic Protection Systems Monitoring Program

Irvine Ranch Water District
12.19.2023

V&A Consulting Engineers, Inc.
Brian Briones, Southwest Regional Manager
11011 Via Frontera, Suite C
San Diego, CA 92127
619.322.1272
www.vaengineering.com





V&A Project No. 23-0355

December 19, 2023
Willie James, P.E.
Project Manager
Irvine Ranch Water District
3512 Michelson Drive
Irvine, CA 92619

RE: Proposal for Engineering Services for the 3-Year Cathodic Protection Systems Monitoring Program

Dear Mr. James,

We have thoroughly reviewed your request for proposal (RFP) along with all applicable attachments. V&A Consulting Engineers (V&A) is pleased to submit this proposal for the Irvine Ranch Water District's (IRWD) 3-Year Cathodic Protection Systems Monitoring Program. V&A is a firm with a reputation and long-established history providing responsive service and successful solutions specializing in corrosion engineering. For over 44 years, the V&A team has provided corrosion protection services and technical support to water and wastewater agencies throughout California and the western United States.

IRWD is seeking a qualified consulting firm that can perform cathodic protection (CP) monitoring services. Our team provides CP consulting services from testing and design to construction through energization and, most importantly, ongoing monitoring and maintenance. We know how important relationships are between the client and the consultant. V&A has had the opportunity to work with several of IRWD's staff on projects ranging from condition assessments of steel tanks and pipelines to CP systems testing, troubleshooting, and design. We enjoyed the experience greatly.

By signature of this letter, we commit IRWD will receive our full corporate support and necessary resources for the Engineering Services for the 3-Year Cathodic Protection Systems Monitoring Program included in this proposal. As the President, I am duly authorized to contractually bind V&A Consulting Engineers, Inc. This proposal presented to IRWD is valid for 90 days as of the date of this letter. If you have any questions regarding the proposal presented, please feel free to contact me at **619.436.5789** or **dkaye@vaengineering.com** or **Brian Briones, Southwest Regional Manager, at 619.322.1272** or **bbriones@vaengineering.com**. On behalf of our staff, we would like to thank you for the opportunity to be of service to the Irvine Ranch Water District.

Sincerely,
V&A Consulting Engineers, Inc.

Debra Kaye, PE
CEO & President

Brian Briones, PE
Southwest Regional Manager

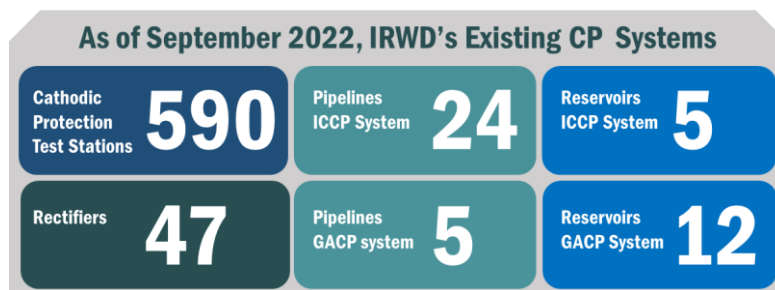


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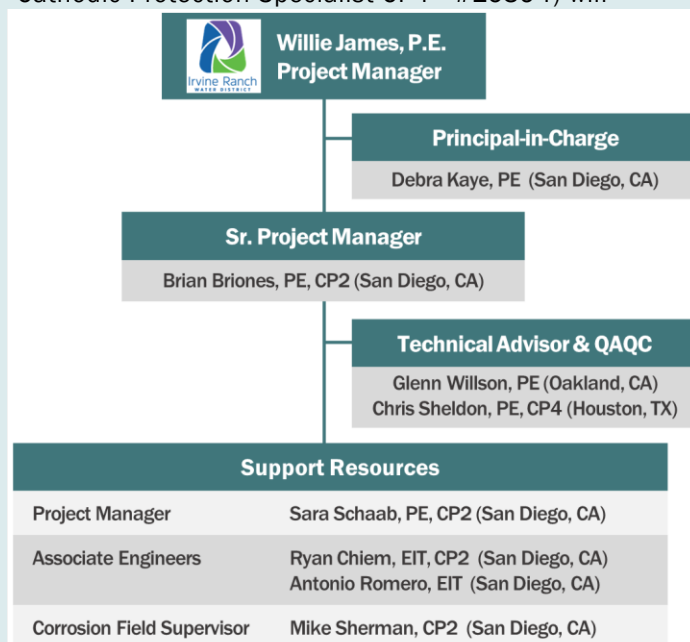
Executive Summary

The Irvine Ranch Water District (IRWD/District) is seeking a qualified consulting firm that can assist the District with performing cathodic protection (CP) consulting services, including testing, evaluation, troubleshooting and recommendations for repair of IRWD’s existing corrosion protection systems. The consultant will be responsible for evaluating the systems and identifying repair recommendations for existing CP equipment or new CP equipment installation, including rectifiers, current control equipment, anodes, shunts, bonding, coatings and isolation systems for impressed, sacrificial, and monitoring systems. As of September 2022, IRWD’s existing corrosion protection systems include 590 cathodic protection test stations (CPTS), 24 pipelines with an impressed current cathodic protection (ICCP) system including 47 rectifiers, 5 pipelines with a galvanic anode cathodic protection (GACP) system, and 17 reservoirs (5 reservoirs with an ICCP system and 12 reservoirs with a GACP system). There is an unknown number of corrosion monitoring test stations (CMTS) on IRWD’s facilities (not associated with a cathodic protection system). The project will include the development of recommendations for the maintenance and monitoring of the existing CP systems. The program’s goal is to protect and ensure the structural integrity of IRWD’s existing metallic domestic water and recycled water pipeline and steel reservoirs.



A Team You Can Depend On

V&A’s Project Team will be led by **Sara Schaab, (AMPP Cathodic Protection Technologist CP3 - #70912)**, with 7 years of corrosion engineering experience. Sara will be supported by a knowledgeable and experienced team that has successfully completed projects of similar magnitude for other agencies throughout California. Technical advisers Glenn Willson (Registered Corrosion Engineer CR1076) and Chris Sheldon (AMPP Cathodic Protection Specialist CP4 - #16394) will provide unmatched experience and knowledge in corrosion protection planning, design, and construction exceeding the expectations of IRWD. Our team of experts – many respected as top-in-their-field – practice industry-standard management techniques, ensuring the delivery of efficient and cost-effective services. As shown in our proposed organizational chart and Personnel section of the proposal, the V&A team offers technical strength and has a proven track record of delivering complex and critical projects. Project Manager, Sara Schaab, with the support of Brian Briones, will lead the team and project from our north county San Diego office. We are fully dedicated to this project.



An Approach to Meet Project Objectives

V&A's Project Approach will achieve the following project objectives:

- Identify monitoring and testing methods to verify the effectiveness of existing CP systems.
- Develop a comprehensive work plan for assessing the actual condition and functionality of each CP system for the identified IRWD facilities.
- Perform diagnostic field testing and survey of CP systems.
- Cross-reference and correlate all existing (identified and non-identified) Cathodic Protection Test Stations (CPTS) with the District's existing GIS system. Non-identified CPTS will be referenced in the GIS database file in a format consistent with IRWD's asset naming conventions.
- Evaluate data and develop recommendations for CP system improvements and repair.
- Develop CP maintenance and monitoring recommendations that can easily be implemented and performed by IRWD staff.

V&A Consulting Engineers, Inc. (V&A) is a consulting



firm founded upon corrosion engineering as a core discipline by Jose Villalobos in May of 1979. V&A has 44 years of experience in corrosion engineering, including cathodic protection design, and specializes in evaluating, rehabilitating, and preserving municipal infrastructure. Our firm assists clients in evaluating and extending the remaining useful life of aging infrastructure, primarily in water, wastewater, and transit industries. V&A is made of professionals who are passionate and dedicated to this practice and have the necessary experience and breadth of resources to successfully complete this project. We have performed CP system evaluations and developed Corrosion Control Management Programs for numerous clients throughout California with needs similar to IRWD.



V&A's Corrosion Protection Experience includes:

- **Irvine Ranch Water District**
 - Turtle Ridge Pipelines Corrosion Survey and Cathodic Protection Design
 - Detailed Condition Assessment of Steel Tanks (including Cathodic Protection Systems Assessment)
- **San Diego County Water Authority** – As-Needed Corrosion Engineering Services
- **Eastern Municipal Water District**
 - Corrosion Protection Program
 - As-Needed Corrosion Engineering Services
- **Coachella Valley Water District** – Corrosion Protection Consulting Services
- **San Bernardino Valley Municipal Water District** – Pipeline Corrosion and Cathodic Protection Survey
- **East Orange County Water District** – Annual Cathodic Protection Survey and Design (2016 – present)
- **Moulton Niguel Water District** – Central Intertie Pipeline Cathodic Protection Design
- **Sweetwater Authority** – Annual CP System Survey, As-Needed Corrosion, and Steel Reservoir/Tank Condition Assessments (2018 – Present)
- **Vallecitos Water District** – As-Needed Cathodic Protection Design Services












Company Information

| | |
|---|---|
| Legal name and address of company | V&A Consulting Engineers, Inc. 1000 Broadway, Suite 320 Oakland, CA 94607 |
| Legal form of company | S Corporation, CA Corporation #C1299775 |
| Parent company | V&A Consulting Engineers does not have a parent company |
| San Diego office address (local) | 11011 Via Frontera, Suite C, San Diego CA 92127 |
| Company website | www.vaengineering.com |
| Number of years that the company has maintained a Southern California office | San Diego: 29 |
| Number of employees in the office | San Diego: 14 / Firmwide: 60 |
| Name, title, address, telephone number, and email of person to contact concerning the Proposal | Brian Briones, PE – Southwest Regional Manager San Diego: 11011 Via Frontera, Suite C, San Diego CA 92127 Phone: 619.322.1272 bbriones@vaengineering.com |
| Name, title, address, telephone number, and email of person who will sign the agreement if selected for the project | Debbie Kaye, PE – President San Diego: 11011 Via Frontera, Suite C, San Diego CA 92127 Phone: 858.576.0226 dkaye@vaengineering.com |



V&A engineers are confined space trained and certified, and we are committed to safety with a robust safety program and excellent safety record. Our team members are certified through the National Association of Corrosion Engineers (NACE), Society of Protective Coatings (SSPC), and the National Association of Sewer Service Companies (NASSCO) to ensure our data meets the rigorous quality standards our clients expect.

V&A's staff includes 20 professionals committed to corrosion engineering practice, many of which are AMPP-Certified (formally NACE).

| | | | |
|---|---|--|--|
|  <p>AMPP Member Experience 49 yrs</p> <p>Jose Villalobos, PE Corrosion Engineer: CA Civil: CA, TX, NV Founder Oakland</p> |  <p>AMPP Member Experience 38 yrs</p> <p>Debra Kaye, PE Civil Engineer: CA, NV CEO & President San Diego</p> |  <p>AMPP Member Experience 41 yrs</p> <p>Glenn Willson, PE Corrosion Engineer: CA Civil: CA, FL, HI, OR, WA VP of Technical Services Oakland</p> |  <p>AMPP CP4 Experience 38 yrs</p> <p>Chris Sheldon, PE Corrosion Engineer: TX, NV Corrosion Lead Houston</p> |
|  <p>NACE AMPP CP2 PACP, MACP, LACP Experience 21 yrs</p> <p>Brian Briones, PE Civil Engineer: CA Sr. Project Manager San Diego</p> |  <p>AMPP CP3 Experience 6 yrs</p> <p>Sara Schaab, PE Civil Engineer Project Manager San Diego</p> |  <p>AMPP CIP3 C3 Experience 21 yrs</p> <p>Manuel Najjar, PE Chemical Engineer: CA Coatings Systems Lead Oakland</p> |  <p>NACE AMPP CP2 PACP, MACP, LACP Experience 16 yrs</p> <p>Noy Phannavong, PE Civil Engineer: TX Condition Assessment Lead Oakland</p> |
|  <p>NACE AMPP CP2 PACP, MACP, LACP Experience 11 yrs</p> <p>Farshad S. Malek, PE Civil Engineer: CA Project Manager San Diego</p> |  <p>AMPP CP2 CIP2 Experience 11 yrs</p> <p>Jessica Mullins, PE Civil Engineer: CA Project Manager San Diego</p> |  <p>AMPP CP3 Experience 5 yrs</p> <p>Alejandro Ramirez, PhD, PE Civil Engineer: TX Project Manager Oakland</p> |  <p>AMPP CP2 C1 Experience 20 yrs</p> <p>Mike Sherman Corrosion Field Supervisor San Diego</p> |
|  <p>AMPP Member Experience 3 yrs</p> <p>Ryan Chiem, EIT Civil Engineer Associate Engineer II San Diego</p> |  <p>AMPP CIP1 Experience 5 yrs</p> <p>Clay Shaffer EIT Mechanical Engineer Graduate Engineer San Diego</p> |  <p>NACE AMPP CP2 PACP, MACP, LACP Experience 17 yrs</p> <p>Marci Sponsler, EIT Civil & Environmental Engineer Associate Engineer San Diego</p> |  <p>Experience 2 yrs</p> <p>Antonio Romero, EIT Chemical Engineer Graduate Engineer San Diego</p> |
|  <p>AMPP CP3 Experience 18 yrs</p> <p>Chris Hunniford, PE Chemical Engineer: TX Odor Control Lead Houston</p> |  <p>NACE AMPP CIPP Experience 17 yrs</p> <p>Michael Johannessen, PE Mechanical Engineer: CA Sr. Project Engineer Oakland</p> |  <p>Experience 21 yrs</p> <p>Angel Mejia, PE, PMP Civil & Environmental Engineer: CA Sr. Project Manager Oakland</p> |  <p>AMPP CP2 CIP1 Experience 6 yrs</p> <p>Jarred Rivera, PE Biological & Agricultural Engineer Project Manager Houston</p> |

Over 44 years of providing Corrosion Engineering Services
California | Florida | Texas

A. Scope

Project Scope & Methodology

Project Understanding

IRWD provides domestic water, wastewater, recycled water, irrigation/drainage, regional stormwater protection, and groundwater management services to a population of approximately 380,000 in Central Orange County, California. IRWD's service area encompasses an area of nearly 200 square miles and includes the cities of Irvine, Newport Beach, Orange, and Costa Mesa.

This project involves corrosion protection consulting services, including the testing and surveying of existing CP systems, evaluating data collected in the field, and identifying CP system repair recommendations. Specific CP system equipment under this project scope consists of rectifiers, current control equipment, anodes, shunts, bondings, coatings, isolation, and monitoring systems for both impressed and sacrificial systems. The IRWD facilities included for the corrosion protection consulting services are:

Table 1. IRWD Pipelines with ICCP Systems

| Pipeline Description ⁽¹⁾ | System Type | No. of CPTS | No. of Rectifiers | Diameter | Material |
|---------------------------------------|-------------|-------------|-------------------|-----------|---------------|
| Cañada Pipeline | DW | 43 | 5 | 16" – 54" | CML&C |
| Dyer Road | DW | 38 | 6 | 16" – 54" | SCC/CCP/CMC&L |
| Green Acres Line | RW | 22 | 2 | 24" | CML&C |
| Harvard Avenue | DW/RW | 34 | 4 | 20" – 42" | CCP/DIP/CML&C |
| Michelson Intertie | RW | 19 | 4 | 24" | SCC/CML&C |
| Michelson Plant Line | RW | 28 | 3 | 24" | SCC/CML&C |
| Newport Coast Drive Segment A | DW/RW | 50 | 14 | 8" – 24" | DIP/SCC/CML&C |
| Newport Coast Drive Segment B | DW/RW | 74 | 16 | 12" – 24" | DIP/SCC/CML&C |
| Newport Coast Drive Segment C | DW/RW | 44 | 9 | 8" – 30" | SCC/DIP |
| Rattlesnake Outfall | RW | 34 | 6 | 30"/36" | SCC/CCP |
| Santiago Canyon | DW | 8 | 1 | 42"/48" | SCC |
| University | DW | 30 | 5 | 16" | SCC |
| University Drive East | RW | 8 | 2 | 30" | CML&C |
| Zone 6 to 6A | DW | 7 | 1 | 16"/24" | CML&C |
| Zone 9 Pipeline | DW | 14 | 1 | 24" | SCC |
| Zone A Strawberry Farms | RW | 7 | 1 | 20" – 36" | CML&C |
| Laguna Canyon Road | RW | 24 | 2 | 24" – 36" | DIP/CML&C |
| Quail Hill Parkway | DW/RW | 22 | 3 | 16" – 36" | DIP/CML&C |
| Turtle Ridge Pipelines ⁽²⁾ | DW/RW | 10 | 1 | 12" – 16" | DIP/SCC/CML&C |

(1) Various segments for each pipeline, excluded for brevity

(2) Recently constructed and not included in 2022 Cathodic Protection Annual Report

Table 2. IRWD Pipelines with GACP Systems

| Pipeline Description* | System Type | No. of CPTS | No. of Anode Beds | Diameter | Material |
|---------------------------------|-------------|-------------|-------------------|----------|----------|
| Charter Apartments | DW | 7 | 4 | 10"/12" | DIP |
| Culver Drive DW | DW | 25 | - | 16" | SSC |
| Green Acres Line ⁽¹⁾ | RW | 22 | 4 | 24 | CML&C |
| MacArthur and Tollroad DC | DW | 7 | 3 | 24" | CML&C |
| Market Place Tustin | DW | 41 | 13 | 8" | DIP |

Protected by both impressed current and galvanic anodes

Table 3. IRWD Reservoirs

| Tank Description* | System Type | CP Type | No. of Rectifiers | Volume (MG) |
|------------------------|-------------|---------|-------------------|-------------|
| Zone 1 | DW | ICCP | 1 | 1.5 |
| E. Irvine Zone 4 | DW | ICCP | 1 | 2.5 |
| Portola Zone 8 | DW | ICCP | 1 | 2.5 |
| Zone 2/Zone B (Piping) | DW/RW | ICCP | 1 (9 CPTS) | N/A |
| Zone 2 West | DW | GACP | - | 7.8 |
| Zone B West | RW | GACP | - | 7.8 |
| Fleming | DW | ICCP | 1 | 0.15 |
| Zone 2 East | DW | GACP | - | 7.5 |
| El Toro No. 1 | DW | GACP | - | 1 |
| El Toro No. 2 | DW | GACP | - | 2 |
| Zone A No. 1 | RW | GACP | - | 2 |
| Zone A No. 2 | RW | GACP | - | 2 |
| Williams | DW | GACP | - | 0.5 |
| Benner | DW | GACP | - | 0.08 |
| Chapman | DW | GACP | - | 0.15 |
| Shaw | DW | GACP | - | 0.28 |
| Modjeska | DW | GACP | - | 1.4 |

IRWD’s existing pipelines and reservoirs are constructed of various materials that must be protected from potential failures due to the harmful effects of corrosion. It is critical that the pipelines are protected through measures such as corrosion monitoring, cathodic protection (CP), and coatings/lining systems to allow IRWD to continue to improve the efficiency of its system. The V&A Team understands that there are challenges associated with the existing CP systems, and we are here to help fill in any gaps that may exist in your data sets and CP system management.

Per your request, the following demonstrates our understanding and proposed approach to providing **Engineering Design Services for the 3-Year Cathodic Protection Systems Monitoring Program** and to meet IRWD’s project objectives.

Scope of Work



► Task 1. Project Management

V&A understands agency funding and operating challenges, and before any work begins, the project manager asks detailed questions to determine operating and budgetary constraints as well as short and long-term goals. V&A will manage its work for IRWD by adhering to proposed schedules and staying within the proposed budget for each task. We will coordinate and attend necessary meetings between V&A and IRWD staff and provide meeting minutes for each. V&A maintains **close working relationships** with its clients throughout the duration of a project through verbal and written communications to ensure all work is performed as required. In the event our team finds any unusual issues that may impact the project's progress, we will contact the IRWD project team immediately.

V&A uses Ajera, an integrated accounting and project management software system, to continuously monitor the progress of all our projects in real-time. The timesheet feature of the Ajera software is used to record time spent on each project, provide a graphical record of the project progress, record project-related expenses, and create detailed invoices. The project management module is the basis of the project control process used by V&A. Ajera allows continuous comparison of actual project performance against the project plan, identification of deviations in the performance, evaluation of alternatives, and corrective action to complete the scope of work within the project schedule and budget.

Project management tasks will include the following:

- Preliminary Monitoring Kickoff Meeting – one (1) two-hour meeting (in-person)
- Coordination and submittal of prevailing wage documentation with the State of California Department of Industrial Relations
- Quarterly Project Progress Updates (via email)
- Prepare Meeting Minutes (within one week of meeting and distribute)
- Quarterly Status Report with Invoice(s)
- Decision Log to track issues and decisions made during the course of the project
- Maintain and implement a QA/QC program for all project deliverables
- Draft Initial 2024 Annual Monitoring Report Submittal – one (1) two-hour meeting (virtual)
- Draft Final 2024 Annual Monitoring Report Submittal – one (1) two-hour meeting (virtual)
- Draft Initial 2025 Annual Monitoring Report Submittal – one (1) two-hour meeting (virtual)
- Draft Final 2025 Annual Monitoring Report Submittal – one (1) two-hour meeting (virtual)
- Draft Initial 2026 Annual Monitoring Report Submittal – one (1) two-hour meeting (virtual)

- Draft Final 2026 Annual Monitoring Report Submittal – one (1) two-hour meeting (virtual)

Quality Assurance/Quality Control Approach

V&A manages risk by requiring a mandatory review of all data, reports, plans and specifications, entailing proper formatting, correct grammar, and technical information reviews. V&A ensures plans and specifications are in accordance with and meet agency/client design guidelines.

V&A has a well-developed internal **Quality Assurance/Quality Control (QA/QC)** process. The project deliverables, such as reports, drawings, or specifications, will be reviewed by a qualified team of V&A staff for technical accuracy, consistency with the intent of the task’s scope of work, grammar, and format. The project manager will usher the deliverables through this process so that each work product delivered to IRWD meets V&A’s high-quality standards.



Quality is achieved when work is adequately planned, assigned, executed, and checked. Chris Sheldon, PE (V&A’s Corrosion Practice Lead), will be responsible for ensuring QA/QC procedures are followed and documented. This includes field data collection and reporting. Our QA/QC program includes two internal reviews of data collection procedures, field and laboratory test results, design documents, calculations, as well as engineering letters and reports prior to submittal. We recognize the importance of quality control and that it is diligently performed throughout the project and not just immediately prior to delivering to our client. The V&A Team is committed to performing the Scope of Services as outlined in the Request for Proposals. We propose to complete this project in a repeatable seven-step process that will efficiently deliver results. We look forward to discussing our specific approach methods for each Approach Step with IRWD staff and will make any necessary adjustments based on those discussions.

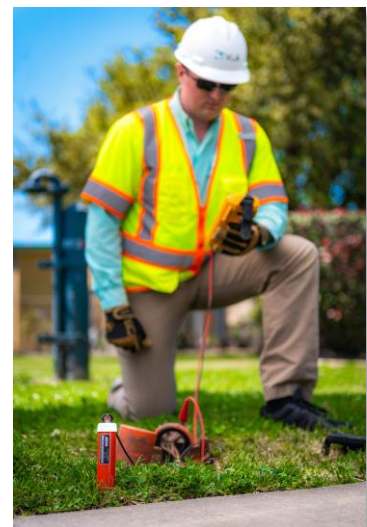
► Task 2. Background Material Collection and Review

Our team will collect and review all relevant background information and data for IRWD’s existing CP systems, including the pipeline and/or facility GPS/GIS data, design record drawings and specifications, coating/lining specifications, operation and maintenance details, repair and rehabilitation history, service area soils coverage, previous corrosion survey data and reports, and any other information relevant to the project.

V&A will present data in a format acceptable to IRWD and consistent with IRWD naming conventions. Test points are to be collected by pipeline, station number, and IRWD tagged Cathodic Protection ID number.

► Task 3. Data Collection

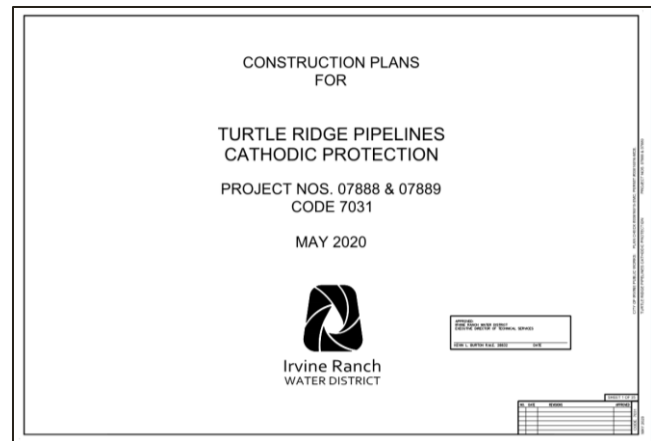
Our team will develop a comprehensive Field Testing Plan to assess and evaluate the existing CP systems identified under the project’s Scope of Services. Objectives for the diagnostic testing include monitoring and testing to ensure the CP systems are functioning properly, are calibrated, and are providing adequate cathodic protection per NACE standards. The purpose of the Field Testing Plan is to clearly communicate the locations where testing will be performed, the approach and objective for testing the asset, identify access coordination with IRWD, identify any safety precautions or hazard mitigation measures to ensure the safety of all team members, provide contact information for the team members, and document a field testing schedule so that IRWD understands where the field crews will be working at all times.



The brief Field Testing Plan will be developed and, at a minimum, provide details for the following:

1. Summary of Background Information reviewed for each facility
2. Proposed testing methods for each facility
3. Data to be collected
4. Accessibility issues requiring IRWD assistance (the master key for padlocks at reservoir sites will be requested with at least 72-hour notice, checked out, and returned immediately following completion of testing at reservoir sites)
5. Traffic control and permitting requirements
6. Coordination with IRWD for CP system operation/shutdown/isolation
7. Field Testing/Survey Schedule

The Field Testing Plan will be submitted to IRWD for approval and upon approval, V&A will perform the field survey and testing per established industry standards, including NACE, Cal-OSHA, and the NFPA. V&A's field team will be led by Mike Sherman, a certified Corrosion Technician with over 20 years of experience in testing and evaluating CP systems. The proposed testing methods for IRWD facilities are listed as follows:



Pipelines

- GPS coordinates for each Rectifier, Cathodic Protection Test Station (CPTS) surveyed to the sub foot level using the Eos Arrow Gold and the ESRI Collector App.
- ICCP Systems: CPTS pipe-to-soil potentials with rectifier on and instant off
- Galvanic Systems: CPTS pipe to soil potential with anode on and instant off
- Rectifier output, tap settings and individual anode readings
- One-time installation of CP test station ID tags on the CPTS wires per IRWD standard drawings. Tags will be provided by the District.
- V&A understands that traffic control will be required at 32 CPTS locations. V&A has reviewed the sites and has a plan to work with a subcontractor to secure encroachment permits as required and provide traffic control during field testing.

V&A has included the new ICCP system recently installed on the Turtle Ridge Pipelines in this scope of work and is familiar with the system and its operation for corrosion control.

Reservoirs

Tank-to-water potentials at the hatch from the bottom and every foot of elevation

- Tank bottom-to-soil potentials at a minimum of four compass points
- All test equipment will be disinfected prior to insertion into domestic water reservoirs
- IRWD Systems Operations Department will be notified prior to entry of any reservoir site with a 72-hour notice provided to coordinate access
- Rectifier output, tap settings, and individual anode readings

- One-time installation of CP test station ID tags on the CPTS wires per IRWD standard drawings. Tags will be provided by the District

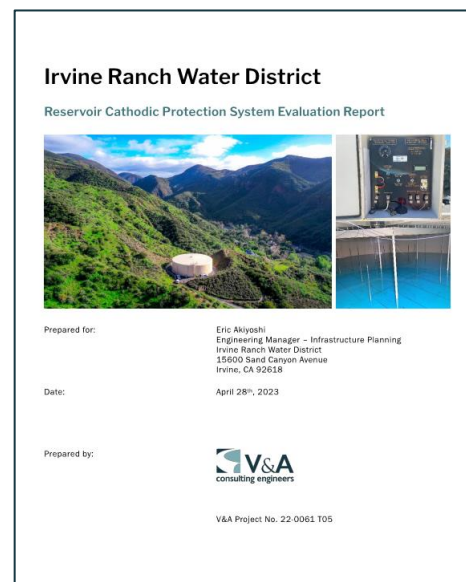
V&A recently completed the Reservoir Cathodic Protection System Evaluation Report that was performed during the winter ('22/'23) and spring of 2023. This work was performed under the Detailed Condition Assessment of Steel Tanks (PR 12252 & 12254). V&A is familiar with reservoir cathodic protection systems and will efficiently and accurately update test data and reports for 2024 through 2026.

► Task 4. Impressed Current Cathodic Protection System Adjustments

V&A will adjust the CP systems in order to provide the optimum level of protection for the pipelines and reservoirs in accordance with NACE International standards, including SP-0169 Control of External Corrosion on Underground or Submerged Piping Systems, SP-0196 Internal Galvanic CP for Water Tanks, RP-0193 External On-Grade Tank Bottoms, SP-0388 Internal ICCP for Water Tanks.

► Task 5. Initial Report

At the completion of the initial field surveys and testing for each facility, V&A will prepare a technical report that summarizes the testing performed, presents the results of the field testing, photographic documentation, identifies and prioritizes necessary repairs, and provides recommendations. The initial report will be submitted in draft form to IRWD staff for one round of review and comment approximately eight (8) weeks after issuance of the Notice to Proceed (NTP) and at least two (2) days prior to the meeting. V&A will conduct the draft initial meeting with IRWD staff, then within four (4) weeks of that meeting, submit the initial report based on comments received during the preview meeting. All draft and final reports will be submitted in electronic (PDF) format, as well as one (1) hard copy.



► Task 6. Quarterly Data

V&A will perform quarterly testing and adjustments as requested in the RFP Scope of Services. Fieldwork includes monitoring of rectifier output/anode readings at one CPTS midway between each rectifier/anode bed and at test points at the end of each pipeline. Adjustments to cathodic protection systems will be made as needed. The quarterly testing and adjustments are limited to the pipelines identified in the Project Understanding discussion at the beginning of this section.

► Task 7. Final Report

Annually, at the completion of the third quarter testing and adjustments, V&A will submit a Final Report to IRWD staff during a preview workshop. Similar to the Initial Report, five (5) bound hard copies and one electronic submittal will be provided to the District. Within four weeks of the preview/comments meeting, the Final Report will be submitted. V&A's final report will include the following:

- Initial, quarterly, and final data in a tabular and graphical format, including data observations and results from field surveys, calculations, data analysis, and the engineer's recommendations and associated cost estimates.
- Identification of potential CP system interference on project pipelines from other (non-IRWD) CP systems and/or stray currents. Mitigation recommendations will be provided.

- Summary of CP system adjustments made during the initial and/or quarterly monitoring and testing.
- Recommendations for new (type and extent) CP systems to protect District facilities, including additional test stations, joint bonds, insulators, etc. that may be required.
- V&A will include recommendations for maintenance, repair, and replacement of CP systems, including anodes, rectifiers, permanent reference cell electrodes, and additional CPTS that can be performed/installed by IRWD.
- Engineer's estimates for the design and construction of any recommended new CP systems or components.

► Task 8. Troubleshooting

V&A includes troubleshooting at an estimation of 40 total hours per year (120 hours total over the 3-year contract). This task will be reserved for evaluating various issues with the existing CP systems identified through the initial and quarterly monitoring.

► Task 9. GIS Cathodic Protection Data Provided

V&A will deliver to IRWD the following information and data from the annual and quarterly CP surveys:

1. Updated shapefiles, including GPS locations for each rectifier and CPTS surveyed and tested
2. Updated shapefile will use IRWD's new naming format for each asset surveyed
3. Updated CP survey information collected from field testing and adjustments
4. Geodatabase file with the information provided in the sample table below. Also included in the geodatabase: IRWD ID (CPID), System, Status (typically unit number), Subtype (TS, IJ, RT, SB, AW), Protected Type (GACP or ICCP), Protection (Yes or No), Pipe Diameter, Pipe Material, Wires, CP System (Pipe System Name), System Code (DW, RW, or Both)
5. Other components documented but not incorporated into the GIS are: ASBUILT, STATION, Anode Material, Conduit Size, Conduit Material, Native Read, XCOORD, YCOORD, and Test Quarterly

| CTS Name (old format) | IRWD ID (new name) | System | Status | Survey Date On Potential (mV) | Survey Date Instant-Off (mV) | Polarization (Off - Native) (mV) | Native Potential (mV) | GPS Coordinates |
|-----------------------|--------------------|----------|---------|-------------------------------|------------------------------|----------------------------------|-----------------------|-----------------|
| 36-01 | TS061N001 | Recycled | Unit 36 | -1253 | -951 | -- | -- | -- |



Confined Space Entry



Soil Resistivity Measurement

Project Team

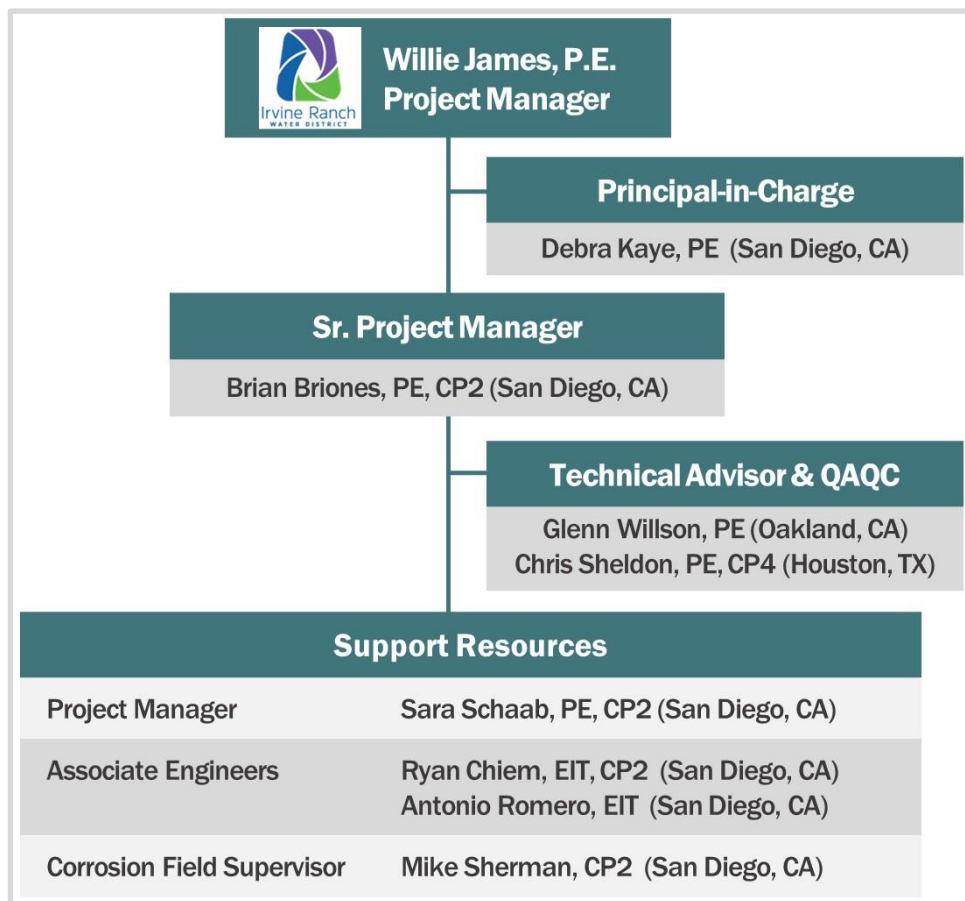
V&A's proposed project team has a combined experience totaling more than 100 years providing corrosion engineering services. The team that has been selected for this project has the specific work experience needed to address the scope of services described in your RFP. We are very confident that IRWD will be satisfied with our technical capabilities as well as our abilities to provide excellent client service.

The members of the proposed project team have completed several challenging CP system evaluation projects and can ensure IRWD that we have the experience required to complete the work. The V&A team has completed projects that required extensive field surveys, data evaluation, engineering analysis, program development, and detailed CP design that have resulted in solutions to correct several problems or deficiencies in CP systems at significant cost savings to the client. The proposed project staff

is committed to successfully delivering the consulting engineering services that arise from this project.

Additional benefits of hiring the V&A Team for IRWD's corrosion protection needs:

- Extensive experience with large corrosion control and maintenance/monitoring programs that require collecting, analyzing and presenting the data from these complex CP systems
- Proven performance record for cost and schedule control
- Capability to successfully resolve complex corrosion control issues
- Commitment to the provision of training and safety for V&A members



Detailed resumes containing discussions of project experience, education, and certifications for each proposed team member are provided in the Appendix A | Resume section.

| | | |
|--|--|-------------------------------|
| | Principal-in-Charge | Debra Kaye, PE |
| | <p>Debra will oversee the team, deliverables, and ensure quality control procedures are followed and will serve as a liaison with IRWD in case project issues arise. San Deigo, CA 20%</p> | |
| | Senior Project Manager | Brian Briones, PE, CP2 |
| | <p>Brian will be the primary contact for IRWD and will manage the team, work, budget, and deliverables for the project. San Diego, CA 55%</p> | |
| | Technical Advisory/QAQC | Chris Sheldon, PE, CP4 |
| | <p>Chris is a subject matter expert in corrosion engineering and will work with the team to review all deliverables for corrosion evaluation technical accuracy. Houston, TX 25%</p> | |
| | Technical Advisory/QAQC | Glenn Willson, PE |
| | <p>Glenn is a subject matter expert in corrosion engineering and will work with the team to review all deliverables for corrosion evaluation technical accuracy. Oakland, TX 25%</p> | |
| | Cathodic Protection Systems, Project Manager | Sara Schaab, PE, CP2* |
| | <p>Sara is a Project Manager and will perform methods of field testing/surveys to collect valuable data, including measuring potentials, condition of anodes and rectifiers, adjustments to rectifier outputs in the field, and recommendations for improvements, and development of design packages. San Deigo, CA 65%</p> <p style="text-align: right;"><i>*Passed PE exam, pending registration</i></p> | |
| | Cathodic Protection Systems, Associate Engineer | Ryan Chiem, EIT, CP2 |
| | <p>Ryan will assist Sara in analyzing drawings, data, and relevant reports and will bridge results, conclusions, and recommendations of existing and new information. San Deigo, CA 50%</p> | |
| | Cathodic Protection Systems, Associate Engineer | Antonio Romero, EIT |
| | <p>Antonio will assist Sara in analyzing drawings, data, and relevant reports and will bridge results, conclusions, and recommendations of existing and new information. San Deigo, CA 50%</p> | |
| | Corrosion Field Supervisor | Mike Sherman, CP2 |
| | <p>Mike will lead the field staff in performing methods of field testing/surveys to collect valuable data, including measuring potentials, determining the condition of anodes and rectifiers, and making adjustments to rectifier outputs in the field. San Deigo, CA 50%</p> | |

B. Experience

Today’s infrastructure assets were designed for a 60- to 100-year service life. Many systems are past their prime and V&A engineers assist in preserving these assets due to the damaging effects of corrosion. We pinpoint corrosion and its cause—whether atmospheric, immersed, or buried—and recommend solutions for mitigation. We incorporate an evaluation of assets in our process to determine the extent of the corrosion, design corrosion control and cathodic protection systems, and develop corrosion control master programs for long-term protection and operation.

| EVALUATION | DESIGN | PLANNING |
|--|---|---|
| <p>Our team evaluates the condition of assets in a corrosion control system for rehabilitation and repair. We perform field testing to verify proper operation of existing corrosion control measures, evaluate the extent of the corrosion and identify critical areas that need to be addressed for all facilities and infrastructure within an agency’s system.</p> | <p>We help select the materials that will address corrosive environments, including coatings, linings, and cathodic protection systems. We evaluate and design cathodic protection systems that are the appropriate solution for each project. In addition, our corrosion engineers can recommend materials and cathodic protection systems for new water, recycled water or wastewater treatment plants, pump stations, or underground infrastructure.</p> | <p>We develop corrosion control management plans/ programs, including staffing plans, and operation and maintenance standard operating procedure manuals to ensure the system is fine-tuned and providing the intended protection from corrosion.</p> |

Through data collection and in-depth reports, we will provide the information required to make intelligent decisions both for immediate needs and future challenges. Our in-house corrosion engineering support services, specialized equipment and capabilities include the following:

- Comprehensive cathodic protection design and analysis
- Detailed summary presentations and reports
- Full-service corrosion testing and services:
 - Soil Resistivity Testing
 - Cell to Cell or Over the Line Surveys
 - Native Potential Surveys
 - CP System Commissioning, Checkouts and Repairs
 - Stray Current Interference (DC and AC) Identification and Mitigation Design Solutions
- Rectifier Testing, Repair and Adjustments
- Isolation Joint Testing
- Discontinuity Testing
- Non-destructive Testing Equipment
- Broadband Electromagnetic (BEM)
- GIS Data Collection and Mapping
- Rebar Locating Equipment
- Surface Penetrating Radar
- Coating Inspection Services
- Adhesion Test Equipment

Included in this section are project descriptions that V&A has successfully completed or is currently performing for clients with issues and needs similar to those of IRWD. Client reference contact information is provided for each project description.

Irvine Ranch Water District. Irvine, CA

Turtle Ridge Pipelines Corrosion Survey & Cathodic Protection Design



Excavation

Electrical Continuity Testing

Potholing

V&A Consulting Engineers (V&A) has completed a condition assessment and corrosion survey and is currently performing a detailed design of a new impressed current cathodic protection (CP) system for an existing domestic waterline (DW) and reclaimed waterline (RW) installed along Turtle Ridge Drive in Irvine, CA. Owned and operated by Irvine Ranch Water District (IRWD), the DW consists of 1,780 feet of 16-inch ductile iron pipe (DIP) and the RW consists of 1,870 feet of 10-inch DIP. Both pipelines have short spans of cement mortar lined and coated (CML&C) and have experienced a leak due to corrosion in the past 36 months.

The condition assessment performed on the pipelines comprised reviewing data from an existing corrosion investigation report (performed by others) and excavating the pipelines (one excavation per pipeline) where corrosion is most likely to occur. At the excavated pipes, a visual assessment and broadband electromagnetic testing were performed from the outside of the pipe to determine the remaining pipe wall thickness over the entire circumference of the pipe along a 3-foot length. The corrosion survey included soil resistivity testing, current requirement testing, electrical isolation testing, electrical continuity testing, and potholing to identify the recommended CP system to mitigate external corrosion of the project pipelines. V&A prepared a preliminary design report documenting the findings and recommending an impressed current CP system, including recommendations to properly isolate the pipeline, bond discontinuities in the pipeline, and installation of missing test stations. V&A completed a detailed design of the system that is currently commissioned and operating.

| | | | |
|--------------------|---|--------------------|------------------------------------|
| Project Owner: | Irvine Ranch Water District | Discipline: | Corrosion Engineering |
| Project Location: | Irvine, CA | Sub or Prime: | Prime |
| Contract Fee: | \$188,823 | Reference Name: | Tom Bonkowski |
| Construction Cost: | n/a | Reference Company: | IRWD |
| Start Date: | 3.2018 | Reference Address: | P.O. Box 57000 Irvine, CA 92619 |
| Completion Date: | Active | Reference Email: | bonkowsk@irwd.com |
| On-time: | Yes | Reference Phone: | 949.453.5300 |
| In Budget: | Yes | | |
| Key Personnel: | Debra Kaye, PE – PIC; Brian Briones, PE – Project Manager; Sara Schaab, EIT – Project Engineer; Mike Sherman – CP2, Engineering Assistant | | |

Irvine Ranch Water District. Irvine, CA

Detailed Condition Assessment of Steel Tanks.



Corrosion on tank roof

Corrosion around inlet pipe inside a tank

Failure of a tank liner

IRWD retained V&A Consulting Engineers (V&A) to perform condition assessment and corrosion engineering services, including reviewing background information for 14 steel tanks, and performing field testing and cathodic protection surveys.

V&A completed the condition assessments of fourteen (14) steel tanks in spring 2023. The study aimed to identify equipment and infrastructure recommended for repair or replacement documented in a Condition Assessment and 5-Year Prioritized Project Report.

V&A delivered a report that identifies equipment and infrastructure recommended for repair and/or replacement, as well as cost estimates for the implementation of proposed recommendations. Recommendations that IRWD approved were packaged and prioritized into a Capital Improvement Plan that will be provided to the IRWD design teams.

| | | | |
|--------------------|--|--------------------|--|
| Project Owner: | Irvine Ranch Water District | Discipline: | Condition Assessment |
| Project Location: | Irvine, CA | Sub or Prime: | Prime |
| Contract Fee: | \$278,119 | Reference Name: | Eric Akiyoshi, P.E. |
| Construction Cost: | Unknown | Reference Company: | Irvine Ranch Water District |
| Start Date: | 9/7/2022 | Reference Address: | 15600 Sand Canyon Avenue Irvine, CA 92618 |
| Completion Date: | Active | Reference Email: | akiyoshi@irwd.com |
| On-time: | Yes | Reference Phone: | 949.453.5529 |
| In Budget: | Yes | | |
| Key Personnel: | Debra Kaye, P.E. – PIC, Brian Briones, P.E. – Senior Project Manager, Farshad Malek, P.E. – Project Manager, Jessica Mullins, P.E. – Project Engineer, Sara Schaab, EIT – Project Engineer (corrosion), Marci Sponsler, EIT – Associate Engineer II, Khaleel Abdulsattar – Graduate Engineer, Joseph Garcia – Engineering Technician | | |

San Diego County Water Authority. San Diego, CA

As-Needed Corrosion Support Services



San Vicente Pipeline at Central Shaft

CP test station at Tri-Agencies Pipeline vault

Continuity Testing Ramona Pipeline, Pipeline Air Valve Vault

V&A provides as-needed corrosion engineering support services to the San Diego County Water Authority. Recently, V&A has been providing engineering plan reviews to address corrosion concerns pertaining to the design, construction, and operation of various facilities, including the Mission Trails Flow Regulatory Structure II/ Flow Control Facility project, Olivenhain Reservoir Dam Outlet Tower Gates CP System, Miramar Hill Pipeline 4, and the Northern First Aqueduct Structures and Lining Rehabilitation project.

V&A also works with the San Diego Water Authority to evaluate and troubleshoot existing CP systems. V&A previously tested 23 of the existing systems comprised of 579 test stations and 37 rectifiers. Surveys were performed by a NACE CP2 Technician, while the data analysis and report were provided by a NACE-certified CP4, which documented the CP testing results and provided recommendations for improvements.

Out of 579 test stations tested, 86 did not meet NACE Standard SP-0169. A total of 69 recommendations were assigned a priority rating between 1 and 4, 4 being the highest priority. V&A conducted further investigation of four structures that did not meet the NACE standard. The investigation included the evaluation of possible structures draining CP current and current requirement testing in accordance with the polarized shift method.

| | | | |
|---------------------------|---|---------------------------|--|
| Project Owner: | San Diego County Water Authority | Discipline: | Corrosion Engineering water |
| Project Location: | San Diego, CA | Sub or Prime: | Prime |
| Contract Fee: | \$341,120 | Reference Name: | Brian DiLuca, EIT, CP3 |
| Construction Cost: | N/A | Reference Company: | San Diego County Water Authority |
| Start Date: | 5.2014 | Reference Address: | 610 West 5 th Avenue Escondido, CA 92025 |
| Completion Date: | Active | Reference Email: | bdiluca@sdcwa.org |
| On-time: | Yes | Reference Phone: | 760.233.3225 |
| In Budget: | Yes | | |
| Key Personnel: | Brian Briones, PE – Sr. Project Manager, Glenn Willson, PE – PIC; Chris Sheldon, PE, CP4 – Corrosion SME; Sara Schaab, PE, CP3 – Project Manager, Antonio Romero, EIT – Associate Engineer, Mike Sherman, CP2 – Engineering Assistant | | |

Moulton Niguel Water District. Mission Viejo, CA

Central Intertie Pipeline Cathodic Protection Design



Electrical Continuity Testing

Current Requirement Testing

Bridlewood Flow Control Facility

As part of the Central Intertie Pipeline (CIP) Improvements Project, V&A Consulting Engineers (V&A) has completed a detailed design of a new impressed current cathodic protection (CP) system for the existing CIP. Owned and operated by Moulton Niguel Water District (MNWD), the CIP consists of approximately 3.5 miles of 36- to 54-inch cement mortar lined and coated welded steel water pipe installed along Oso Parkway between the Bridlewood Flow Control Facility and Turnout SC-2. The CIP is comprised of two electrically isolated segments and was installed without a CP system.

To assist in the design of the CIP CP system, V&A performed soil resistivity, electrical continuity, and current requirement testing for the subject pipeline. During the fieldwork, V&A also coordinated and observed the deployment of a CCTV camera into 6-inch air vent piping at two manway vaults to determine the alignment and condition of the air vent piping. A Preliminary Design Report was prepared to document the findings of the field testing and recommend an impressed current CP system, including recommendations to install missing test stations. V&A completed a detailed design of the new impressed current CP system which includes three rectifiers and three deep anode wells with a depth of up to 200 feet. Construction of the CP system is scheduled to occur between November 2018 and March 2019. At completion of construction, V&A will develop a long-range monitoring and maintenance plan for the pipeline and related appurtenances. The plan will include the frequency of manway/vault inspections and cleaning, frequency of testing the cathodic protection system, frequency of internal pipeline condition assessments, and frequency of valve assessments.

| | | | |
|--------------------|---|--------------------|---|
| Project Owner: | Moulton Niguel Water District | Discipline: | Corrosion Engineering |
| Project Location: | Mission Viejo, CA | Sub or Prime: | Sub |
| Contract Fee: | \$176,683 | Reference Name: | Alex Thomas, PE |
| Construction Cost: | n/a | Reference Company: | MNWD |
| Start Date: | 7.2017 | Reference Address: | 26161 Gordon Road Laguna Hills, CA 92653 |
| Completion Date: | 8.2021 | Reference Email: | smyth@irwd.com |
| On-time: | Yes | Reference Phone: | 949.425.3563 |
| In Budget: | Yes | | |
| Key Personnel: | Debra Kaye, PE- PIC; Brian Briones, PE-Project Manager; Mike Sherman-CP2, Engineering Assistant | | |

Coachella Valley Water District. Coachella Valley, CA

Corrosion Protection Consulting Services



Steel Pipeline belonging to CVWD



Reservoir belonging to CVWD



Canal maintained by CVWD

V&A assisted in the district-wide effort to improve the efficiency of the CVWD's 12 cathodic protection (CP) systems. V&A provided corrosion protection consulting services to assess the CP systems owned by CVWD. The CP systems for the Bombay Beach pipeline have been offline since 2013 when it was found that the pipelines suffered from electrical discontinuities. V&A provided corrosion protection consulting services to assess the locations of discontinuities so the CP system could be brought back online. For the other 11 projects, the purpose of the testing was to document the physical condition of the CP facilities, including rectifiers, current control equipment, anodes, shunts, bonding, coatings, and isolation systems for impressed current, sacrificial anode, and corrosion monitoring systems, and to perform operation testing in the field.

V&A oversaw the assessment of twelve different structures and pipelines. The condition assessment consisted of visual evaluation with photo documentation, rectifier output measurements, and the attenuation, linear resistance, and fixed-cell methods for determining electrical continuity. V&A prepared multiple detailed reports for each facility's CP system that included recommendations for continued monitoring and maintenance of the CVWD systems. The goal of the project was to protect and ensure the structural integrity of the CVWD's existing domestic water, sanitation, stormwater, non-potable, recharge, canal and irrigation facilities.

| | |
|--|---|
| Project Owner: Coachella Valley Water District | Discipline: Condition Assessment, Corrosion Eng. |
| Project Location: Coachella Valley, CA | Sub or Prime: Prime |
| Original Contract Amount: \$436,966 | Reference Name: Angel Herrera |
| Final Contract Amount: \$428,051 | Reference Title: Project Manager |
| Construction Cost: N/A | Reference Company: Coachella Valley Water District |
| Start Date: 09.2019 | Reference Address: 51501 Tyler Street Coachella, CA 92236 |
| Completion Date: 06.2023 | Reference Email: aherrera@cvwd.org |
| On-time: Yes | Reference Phone: (760) 398-2651, ext. 2426 |
| In Budget: Yes | |
| Key Personnel: Debra Kaye, PE – PIC; Brian Briones, PE – Southwest Regional Manager; Jessica Mullins, PE – Project Manager; Sara Schaab, EIT – Project Manager; Marci Sponsler, EIT – Associate Engineer II; Clay Shaffer – Graduate Engineer; Michael Sherman – Engineering Associate; Joseph Garcia – Engineering Assistant | |

Sweetwater Authority. San Diego, CA

Annual Corrosion Engineering Services



Post-mounted Test Station



Rectifier



At-grade Test Station

Since 2005 and contracted through 2028, V&A has provided design services and annual surveys of the Sweetwater Authority's CP systems for the water transmission system. V&A also conducts regular surveys of the CP systems to verify that adequate corrosion protection is being provided. The surveys include measuring pipe-to-soil potentials at every accessible test station, evaluating the condition of the test stations and rectifiers, and adjusting the rectifier outputs in the field in order to meet the NACE International criteria for corrosion protection. V&A also provides routine maintenance on the CP systems, replacing broken and/or missing test stations and rectifier components.

V&A provides the Sweetwater Authority with a comprehensive report at the conclusion of each annual survey, which provides a summary of the work performed and a prioritized list of project recommendations. Our work history is maintained in a GIS-based database that we provide and update for the Sweetwater Authority each year. As part of the contract for 2018, V&A will provide corrosion technicians and engineering support to develop a CP Master Plan for the reservoirs and tanks within the system.

| | | | |
|--------------------|---|--------------------|---|
| Project Owner: | Sweetwater Authority | Discipline: | Corrosion Engineering water |
| Project Location: | Chula Vista, CA | Sub or Prime: | Prime |
| Contract Fee: | \$50,000/year | Reference Name: | Chris Bauer |
| Construction Cost: | N/A | Reference Company: | Sweetwater Authority |
| Start Date: | 7.2005 | Reference Address: | P.O. Box 2328 Chula Vista, CA 91912-2328 |
| Completion Date: | Active | Reference Email: | cbauer@sweetwater.org |
| On-time: | Yes | Reference Phone: | 619.409.6751 |
| In Budget: | Yes | | |
| Key Personnel: | Glenn Willson, PE – PIC; Brian Briones, PE – Sr. Project Manager; Sara Schaab, PE, CP3 – Project Manager, Mike Sherman, CP2 – Engineering Assistant | | |

Orange County Water District. Fountain Valley, CA

Green Acres Newport Beach and SE Loop Pipelines Cathodic Protection Design



"Attenuation" Continuity Test Method Setup

Test Station on Pipeline Alignment

Pipeline Test Wires

V&A Consulting Engineers, Inc. (V&A) was retained by Orange County Water District (OCWD) to design a CP system for the Green Acres Project (GAP) Newport Beach and Southeast (SE) Loop Pipelines. The GAP piping is a recycled water system that was installed in the 1990s to treat and distribute water to five water agencies in northern Orange County. The piping included in the CP system design consists of approximately 47,025 feet of ductile iron pipe (DIP) and cement mortar lined and coated (CML&C) steel pipe ranging in diameter from 16 to 36 inches.

V&A performed a site visit to the project location to perform continuity and current requirement testing. Continuity testing was performed using the "attenuation" test method, and current requirement testing was performed using the "polarization shift" test method. The results of the testing were used to assist in the design of the CP systems.

The Design report presents a discussion of corrosion control and the field test methods, summarizes the results of the field testing, discusses the CP system design process, and provides recommendations for corrosion control of each pipeline. The recommendations presented were used to submit a complete set of drawings and specifications for each pipeline's CP system.

| | | | |
|--------------------|---|--------------------|---|
| Project Owner: | Orange County Water District | Discipline: | Corrosion Engineering water |
| Project Location: | Fountain Valley, CA | Sub or Prime: | Prime |
| Contract Fee: | \$114,075 | Reference Name: | Fernando Almario, PE |
| Construction Cost: | N/A | Reference Company: | Orange County Water District |
| Start Date: | 5.2017 | Reference Address: | P.O. Box 8300 Fountain Valley, CA 92728-8300 |
| Completion Date: | Active | Reference Email: | falmario@ocwd.com |
| On-time: | Yes | Reference Phone: | 714.378.8220 |
| In Budget: | Yes | | |
| Key Personnel: | Debra Kaye, PE – PIC; Brian Briones, PE – Project Manager; Mike Sherman, CP2 – Engineering Assistant; | | |

List of Representative Projects

| Client - Project Name | Description Relevance to IRWD |
|--|--|
| Irvine Ranch Water District Turtle Ridge Pipelines Corrosion Survey and Cathodic Protection Design | <ul style="list-style-type: none"> Reviewed corrosion investigation reports (prepared by others) Performed corrosion survey: soil resistivity, current requirement, electrical isolation, electrical continuity, potholing Prepared PDR, design plans and specifications to install an impressed current CP system Provided recommendations to properly isolate pipelines, bond discontinuities, and install missing test stations Providing engineering services during construction and CP system operations manual |
| East Orange County Water District (EOCWD) 2022-2023 Annual CP Survey | <ul style="list-style-type: none"> Annual corrosion survey of the cathodic protection and corrosion monitoring systems Evaluation of the metallic water transmission pipelines and water storage reservoirs |
| Eastern Municipal Water District (EMWD) Pipeline Corrosion Protection Program | <ul style="list-style-type: none"> Developed a corrosion protection plan Developed and recommended best practices High-level assessments of existing infrastructure Develops short-, medium-, and long-term optimization plans |
| Moulton Niguel Water District Central Intertie Pipeline Cathodic Protection Design | <ul style="list-style-type: none"> Performed corrosion survey: soil resistivity, current requirement, electrical isolation, electrical continuity Prepared PDR, design plans and specifications to install an impressed current CP system and install missing test stations Developed long-range monitoring and maintenance plan for pipeline and new CP system Providing engineering services during construction and CP operations manual |
| Orange County Water District Green Acres Project Newport Beach and SE Loop Pipelines CP Design | <ul style="list-style-type: none"> Recycled water piping was installed in the 1990s with no corrosion control system Performed continuity and current requirement testing Prepared PDR, design drawings and specifications for each pipeline's recommended CP system Providing engineering services during construction and CP operations manual |
| San Diego County Water Authority As-Needed Corrosion Engineering Support Services | <ul style="list-style-type: none"> Evaluate and troubleshoot existing CP systems, including current requirement testing Provide engineering design review to address concerns related to the design, construction, and operation of CP systems on SDCWA pipelines and facilities |
| San Bernardino Valley Municipal Water District | <ul style="list-style-type: none"> Perform annual CP system evaluation on 11 existing pipelines featuring a corrosion monitoring system, a galvanic anode CP |

| Client - Project Name | Description Relevance to IRWD |
|--|--|
| Cathodic Protection System Evaluation | <p>system, or an impressed current CP system.</p> <ul style="list-style-type: none"> ▪ Performed troubleshooting and design to move test stations from roadways to back of curb for ease of access and limiting traffic control requirements ▪ Prepared summary report of findings and recommendations including prioritized list for future O&M, locating missing test stations, replacing CP system components, and installing CP system on non-cathodically protected pipes |
| Sweetwater Authority Annual CP System Survey and Steel Tanks CP Master Plan | <ul style="list-style-type: none"> ▪ Perform annual CP system evaluation on existing pipelines featuring a corrosion monitoring system, a galvanic anode CP system, or an impressed current CP system. ▪ Prepared summary report of findings and recommendations, including prioritized list for future O&M, locating missing test stations, replacing CP system components, and installing CP system on non-cathodically protected pipes ▪ Performed cathodic protection system assessment on 25 steel tanks/reservoirs; measured tank-to-water potentials, performed visual assessments with photo documentation, completed current requirement evaluations ▪ Prepared Steel Tank CP Master Plan report presenting findings of evaluations and provided recommendations for monitoring and maintenance of new and existing cathodic protection systems |
| Sacramento Regional Sanitation District Corrosion Protection Management Plan | <ul style="list-style-type: none"> ▪ Performed CP system survey, including inventory and condition ratings of assets ▪ Developed long-term monitoring and maintenance program for existing CP systems ▪ Identified and evaluated staffing and resource alternatives |
| Vallecitos Water District As-Needed Professional Services | <ul style="list-style-type: none"> ▪ Corrosion Control System Repairs ▪ Ductile Iron Pipe Assess Program ▪ Condition Assessment 12-Inch Sanitary Sewer Pipeline ▪ Lead Service Lines Inventory Data Analysis |
| Western Municipal Water District Corrosion Data Management Services | <ul style="list-style-type: none"> ▪ Develop data entry user interface and work process for the District's CP system ▪ Integrated data entry interface with the District's asset management program ▪ Processed and closed over 900 existing work orders during an annual pipeline corrosion survey ▪ Entered survey data to an interface, including pipeline potentials, anode current outputs, GIS coordinates, test station conditions, etc. |

C. Schedule

V&A Consulting Engineers assures IRWD that we have the ability to complete all work, considering the firm’s current and planned workload, based on the proposed schedules:

2024 Schedule

- Kick-Off MeetingJanuary 23, 2024
- Initial Annual Monitoring February 5, 2024
- Initial Draft Monitoring Report Submittal.....April 1, 2024
- Initial Monitoring Report Submittal..... May 2, 2024
- Quarterly Data Collection..... May 2024
- Quarterly Data Collection..... August 2024
- Quarterly Data Collection..... November 2024
- Draft Final Report..... December 2024
- Final Annual 2024 ReportJanuary 2025

V&A Consulting Engineers assures IRWD that we have the ability to complete all work, considering the firm’s current and planned workload, based on the proposed 2024 schedule:

2025/2026 Schedules

- Initial Annual Monitoring January 2025/2026
- Initial Draft Monitoring Report Submittal..... February 26, 2025/2026
- Initial Monitoring Report Submittal..... March 25, 2025/2026
- Quarterly Data Collection.....April 2025/2026
- Quarterly Data Collection.....July 2025/2026
- Quarterly Data Collection..... October 2025/2026
- Draft Final Report.....November 2025/2026
- Final Annual 2024 Report December 2025/2026

D. Budget

A proposed budget, which encompasses the scope of work detailed in Irvine's RFP, is presented in a resource allocation estimate and is provided in a separate file.

F. Joint Venture

V&A is submitting this proposal as a Prime and will not be working with another firm as a joint venture.

G. Conflict of Interest

V&A confirms that personal or organizational conflicts of interest prohibited by law do not exist.

H. Contract

V&A will not request any modifications to IRWD's Professional Services Agreement.

I. Insurance

V&A has included a copy from our provider on the following page for the required coverages as shown in the Professional Services Agreement are satisfied under our existing insurance policy.

J. Public Work Requirement

V&A's DIR registration number is 1000007205.



V&A Consulting Engineers, Inc.
11011 Via Frontera, Suite C
San Diego, CA 92127
858.576.0226
www.vaengineering.com



Resource Allocation Estimate Summary

JOB NO: 23-0355

12/19/2023

CLIENT: Irvine Ranch Water District

PROJECT NAME: Engineering Services for the 3-Year Cathodic Protection Systems Monitoring Program

| Task | Description | Principal-in-Charge | Senior Project Manager | Project Manager | Project Engineer | Associate Engineer | Graduate Engineer | Corrosion Field Supervisor | Project Admin/Clerical | Total Labor Hours | Subtotal Labor Cost | Subtotal ODC | Total Labor Cost and ODC by Task |
|-----------------------------------|--|---------------------|------------------------|---------------------|------------------|--------------------|-------------------|----------------------------|------------------------|-------------------|---------------------|----------------------|----------------------------------|
| 1 | Project Management | 4 | 13 | 58 | | | | 54 | 3 | 132 | \$ 30,277.00 | \$ 78.60 | \$ 30,355.60 |
| 2 | Background Material Collection and Review | | | | | 8 | | 18 | | 26 | \$ 4,580.00 | | \$ 4,580.00 |
| 3 | Data Collection | | | 1 | | 12 | 366 | 566 | 1 | 946 | \$157,476.00 | \$ 66,543.60 | \$ 224,019.60 |
| 4 | Impressed Current Cathodic Protection System Adjustments | | | | | | 38 | 38 | | 76 | \$ 12,616.00 | \$ 5,820.60 | \$ 18,436.60 |
| 5 | Initial Report | | 6 | 22 | 22 | 60 | | 24 | 3 | 137 | \$ 29,020.00 | | \$ 29,020.00 |
| 6 | Quarterly Data | | | 2 | | | 56 | 136 | | 194 | \$ 32,420.00 | \$ 16,799.00 | \$ 49,219.00 |
| 7 | Final Report | | 3 | 18 | | | | | 3 | 108 | \$ 22,827.00 | | \$ 22,827.00 |
| 8 | Troubleshooting | | | | | | | 120 | | 120 | \$ 19,920.00 | | \$ 19,920.00 |
| 9 | GIS Cathodic Protection Data | | | | | 40 | | | | 40 | \$ 7,960.00 | | \$ 7,960.00 |
| Subtotal Direct Labor Hours | | 4 | 22 | 101 | 22 | 204 | 460 | 956 | 10 | 1779 | | | |
| Hourly | | \$ 333.00 | \$ 291.00 | \$ 274.00 | \$ 228.00 | \$ 199.00 | \$ 166.00 | \$ 166.00 | \$ 102.00 | | | | |
| Subtotal Direct Labor Cost | | \$ 1,332.00 | \$ 6,402.00 | \$ 27,674.00 | \$ 5,016.00 | \$ 40,596.00 | \$ 76,360.00 | \$ 158,696.00 | \$ 1,020.00 | | \$317,096.00 | \$ 89,241.80 | \$ 406,337.80 |
| Other Direct Costs | | Unit Cost | Units | No. of Units | | | | | | | | Subtotal ODC | |
| | Truck | \$ 100.00 | per day | 79 | | | | | | | | \$ 7,900.00 | |
| | Mileage | \$ 0.66 | per mile | 2,280 | | | | | | | | \$ 1,493.40 | |
| | Hotel | \$ 200.00 | per night | 46 | | | | | | | | \$ 9,200.00 | |
| | Per Diem for Full Day | \$ 75.00 | per day | 66 | | | | | | | | \$ 4,950.00 | |
| | Prevailing Wage Markup (30% of Travel/Onsite Labor) | \$ 0.30 | 30% of Travel/Onsite | 134,128 | | | | | | | | \$ 40,238.40 | |
| | CP Survey Equipment | \$ 100.00 | per day | 61 | | | | | | | | \$ 6,100.00 | |
| | Subcontractor - Traffic Control | \$ 1.10 | cost + 10% | 17,600 | | | | | | | | \$ 19,360.00 | |
| Subtotal Other Direct Costs | | | | | | | | | | | | \$ 89,241.80 | |
| GRAND TOTAL ESTIMATED COST | | | | | | | | | | | | \$ 406,337.80 | |

Detailed Resource Allocation Estimate

JOB NO: 23-0355

12/19/2023


CLIENT: Irvine Ranch Water District

PROJECT NAME: Engineering Services for the 3-Year Cathodic Protection Systems Monitoring Program

| Task | Task Item Description | Labor | | | | | | | | | | ODCs | | | | | | | | Subtotal ODC | Total Cost by Task |
|----------|--|---------------------|------------------------|-----------------|------------------|--------------------|-------------------|----------------------------|------------------------|-------------------|---------------------|-----------------|--------------------|-------------------|---------------------------------|---|-------------------------------|--|--------------|---------------|--------------------|
| | | Principal-In-Charge | Senior Project Manager | Project Manager | Project Engineer | Associate Engineer | Graduate Engineer | Corrosion Field Supervisor | Project Admin/Clerical | Total Labor Hours | Subtotal Labor Cost | Truck (per day) | Mileage (per mile) | Hotel (per night) | Per Diem for Full Day (per day) | Prevailing Wage Markup (30% of Travel/Onsite Labor) | CP Survey Equipment (per day) | Subcontractor - Traffic Control (cost + 10%) | | | |
| 1 | Project Management | 4 | 13 | 58 | 0 | 0 | 0 | 54 | 3 | 132 | \$ 30,277.00 | \$ - | \$ 78.60 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 78.60 | \$ 30,355.60 |
| | Project Setup | 1 | 2 | | | | | 8 | | 11 | \$ 2,243.00 | | | | | | | | | | \$ 2,243.00 |
| | DIR Coordination | | 2 | | | | | 12 | | 14 | \$ 2,574.00 | | | | | | | | | | \$ 2,574.00 |
| | General PM/Quarterly Updates | | 2 | 8 | | | | | | 10 | \$ 2,774.00 | | | | | | | | | | \$ 2,774.00 |
| | Invoicing | | | 18 | | | | 18 | | 36 | \$ 7,920.00 | | | | | | | | | | \$ 7,920.00 |
| | Project Controls | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Kickoff Meeting | | 4 | 8 | | | | 4 | | 16 | \$ 4,020.00 | | 120 | | | | | | | 78.60 | \$ 4,098.60 |
| | Meetings/Workshops (virtual) + minutes | | | 24 | | | | 12 | | 36 | \$ 8,568.00 | | | | | | | | | | \$ 8,568.00 |
| | QAQC | 3 | 3 | | | | | | 3 | 9 | \$ 2,178.00 | | | | | | | | | | \$ 2,178.00 |
| | | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| 2 | Background Material Collection and Review | 0 | 0 | 0 | 0 | 8 | 0 | 18 | 0 | 26 | \$ 4,580.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 4,580.00 |
| | Pipelines with ICCP Systems | | | | | 4 | | 12 | | 16 | \$ 2,788.00 | | | | | | | | | | \$ 2,788.00 |
| | Pipelines with GACP Systems | | | | | 2 | | 4 | | 6 | \$ 1,062.00 | | | | | | | | | | \$ 1,062.00 |
| | Reservoirs | | | | | 2 | | 2 | | 4 | \$ 730.00 | | | | | | | | | | \$ 730.00 |
| | | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| 3 | Data Collection | 0 | 0 | 1 | 0 | 12 | 366 | 566 | 1 | 946 | \$ 157,476.00 | \$ 6,000.00 | \$ 943.20 | \$ 5,600.00 | \$ 3,150.00 | \$ 27,290.40 | \$ 4,200.00 | \$ 19,360.00 | \$ 66,543.60 | \$ 224,019.60 | |
| | Develop Field Plan | | | 1 | | 12 | | | 1 | 14 | \$ 2,764.00 | | | | | | | | | | \$ 2,764.00 |
| | Year 2024 | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Field Coordination, Equipment Prep, Data | | | | | | | 8 | 8 | 16 | \$ 2,656.00 | | | | | | | | | | \$ 2,656.00 |
| | Travel | | | | | | | 18 | 18 | 36 | \$ 5,976.00 | | | | | \$ 5,976.00 | | | | | \$ 1,792.80 |
| | PW Field Testing | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Pipeline ICCP Systems (516 CPTS + 47 rectifiers) | | | | | | | 40 | 160 | 200 | \$ 33,200.00 | 20 | 480 | 12 | 18 | \$ 33,200.00 | 18 | 6400 | \$ 24,864.40 | \$ 58,064.40 | |
| | Pipeline GACP Systems (102 CPTS) | | | | | | | 40 | 40 | 80 | \$ 13,280.00 | | | | | | | | | | \$ 13,280.00 |
| | Reservoirs (17 total) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Year 2025 | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Field Coordination, Equipment Prep, Data | | | | | | | 12 | 12 | 24 | \$ 3,984.00 | | | | | | | | | | \$ 3,984.00 |
| | Travel | | | | | | | 18 | 18 | 36 | \$ 5,976.00 | | | | | \$ 5,976.00 | | | | | \$ 1,792.80 |
| | PW Field Testing | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Pipeline ICCP Systems (516 CPTS + 47 rectifiers) | | | | | | | 40 | 80 | 120 | \$ 19,920.00 | 20 | 480 | 8 | 12 | \$ 19,920.00 | 12 | 5600 | \$ 18,150.40 | \$ 38,070.40 | |
| | Pipeline GACP Systems (102 CPTS) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Reservoirs (17 total) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Year 2025 | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Field Coordination, Equipment Prep, Data | | | | | | | 12 | 12 | 24 | \$ 3,984.00 | | | | | | | | | | \$ 3,984.00 |
| | Travel | | | | | | | 18 | 18 | 36 | \$ 5,976.00 | | | | | \$ 5,976.00 | | | | | \$ 1,792.80 |
| | PW Field Testing | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Pipeline ICCP Systems (516 CPTS + 47 rectifiers) | | | | | | | 40 | 80 | 120 | \$ 19,920.00 | 20 | 480 | 8 | 12 | \$ 19,920.00 | 12 | 5600 | \$ 18,150.40 | \$ 38,070.40 | |
| | Pipeline GACP Systems (102 CPTS) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Reservoirs (17 total) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Year 2025 | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Field Coordination, Equipment Prep, Data | | | | | | | 12 | 12 | 24 | \$ 3,984.00 | | | | | | | | | | \$ 3,984.00 |
| | Travel | | | | | | | 18 | 18 | 36 | \$ 5,976.00 | | | | | \$ 5,976.00 | | | | | \$ 1,792.80 |
| | PW Field Testing | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Pipeline ICCP Systems (516 CPTS + 47 rectifiers) | | | | | | | 40 | 80 | 120 | \$ 19,920.00 | 20 | 480 | 8 | 12 | \$ 19,920.00 | 12 | 5600 | \$ 18,150.40 | \$ 38,070.40 | |
| | Pipeline GACP Systems (102 CPTS) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Reservoirs (17 total) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Year 2025 | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Field Coordination, Equipment Prep, Data | | | | | | | 12 | 12 | 24 | \$ 3,984.00 | | | | | | | | | | \$ 3,984.00 |
| | Travel | | | | | | | 18 | 18 | 36 | \$ 5,976.00 | | | | | \$ 5,976.00 | | | | | \$ 1,792.80 |
| | PW Field Testing | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Pipeline ICCP Systems (516 CPTS + 47 rectifiers) | | | | | | | 40 | 80 | 120 | \$ 19,920.00 | 20 | 480 | 8 | 12 | \$ 19,920.00 | 12 | 5600 | \$ 18,150.40 | \$ 38,070.40 | |
| | Pipeline GACP Systems (102 CPTS) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Reservoirs (17 total) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Year 2025 | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Field Coordination, Equipment Prep, Data | | | | | | | 12 | 12 | 24 | \$ 3,984.00 | | | | | | | | | | \$ 3,984.00 |
| | Travel | | | | | | | 18 | 18 | 36 | \$ 5,976.00 | | | | | \$ 5,976.00 | | | | | \$ 1,792.80 |
| | PW Field Testing | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Pipeline ICCP Systems (516 CPTS + 47 rectifiers) | | | | | | | 40 | 80 | 120 | \$ 19,920.00 | 20 | 480 | 8 | 12 | \$ 19,920.00 | 12 | 5600 | \$ 18,150.40 | \$ 38,070.40 | |
| | Pipeline GACP Systems (102 CPTS) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Reservoirs (17 total) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Year 2025 | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Field Coordination, Equipment Prep, Data | | | | | | | 12 | 12 | 24 | \$ 3,984.00 | | | | | | | | | | \$ 3,984.00 |
| | Travel | | | | | | | 18 | 18 | 36 | \$ 5,976.00 | | | | | \$ 5,976.00 | | | | | \$ 1,792.80 |
| | PW Field Testing | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Pipeline ICCP Systems (516 CPTS + 47 rectifiers) | | | | | | | 40 | 80 | 120 | \$ 19,920.00 | 20 | 480 | 8 | 12 | \$ 19,920.00 | 12 | 5600 | \$ 18,150.40 | \$ 38,070.40 | |
| | Pipeline GACP Systems (102 CPTS) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Reservoirs (17 total) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Year 2025 | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Field Coordination, Equipment Prep, Data | | | | | | | 12 | 12 | 24 | \$ 3,984.00 | | | | | | | | | | \$ 3,984.00 |
| | Travel | | | | | | | 18 | 18 | 36 | \$ 5,976.00 | | | | | \$ 5,976.00 | | | | | \$ 1,792.80 |
| | PW Field Testing | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Pipeline ICCP Systems (516 CPTS + 47 rectifiers) | | | | | | | 40 | 80 | 120 | \$ 19,920.00 | 20 | 480 | 8 | 12 | \$ 19,920.00 | 12 | 5600 | \$ 18,150.40 | \$ 38,070.40 | |
| | Pipeline GACP Systems (102 CPTS) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Reservoirs (17 total) | | | | | | | 24 | 24 | 48 | \$ 7,968.00 | | | | | | | | | | \$ 7,968.00 |
| | Year 2025 | | | | | | | | | 0 | \$ - | | | | | | | | | | \$ - |
| | Field Coordination, Equipment Prep, Data | | | | | | | 12 | 12 | 24 | \$ 3,984.00 | | | | | | | | | | \$ 3,984.00 |
| | Travel | | | | | | | 18 | 18 | 36 | \$ 5,976.00 | | | | | \$ 5,976.00 | | | | | \$ 1,792.80 |
| | PW Field Testing | | | | | | | | | | | | | | | | | | | | |

Detailed Resource Allocation Estimate Continued

| | | | | | | | | | | | | | | | | | | | | |
|----------|--|--------------------|--------------------|---------------------|--------------------|---------------------|---------------------|----------------------|--------------------|-------------|----------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|---------------------|---------------------|----------------------|
| 6 | Quarterly Data | 0 | 0 | 2 | 0 | 0 | 56 | 136 | 0 | 194 | \$ 32,420.00 | \$1,500.00 | \$ 235.80 | \$ 3,200.00 | \$ 1,200.00 | \$ 9,163.20 | \$ 1,500.00 | \$ - | \$ 16,799.00 | \$ 49,219.00 |
| | Field Coordination, Equipment Prep, Data | | | 2 | | | 4 | 4 | | 10 | \$ 1,876.00 | | | | | | | | \$ - | \$ 1,876.00 |
| | Travel | | | | | | 12 | 12 | | 24 | \$ 3,984.00 | | | | | \$ 3,984.00 | | | \$ 1,195.20 | \$ 5,179.20 |
| | Field Testing (PW) | | | | | | 40 | 120 | | 160 | \$ 26,560.00 | 15 | 360 | 16 | 16 | \$ 26,560.00 | 15 | | \$ 15,603.80 | \$ 42,163.80 |
| | | | | | | | 0 | | | 0 | \$ - | | | | | | | | \$ - | \$ - |
| 7 | Final Report | 0 | 3 | 18 | 0 | 84 | 0 | 0 | 3 | 108 | \$ 22,827.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 22,827.00 |
| | Year 2024 | | | | | | | | | 0 | \$ - | | | | | | | | \$ - | \$ - |
| | Draft Final Report | | 1 | 4 | | 24 | | | 1 | 30 | \$ 6,265.00 | | | | | | | | \$ - | \$ 6,265.00 |
| | Final Report | | | 2 | | 4 | | | | 6 | \$ 1,344.00 | | | | | | | | \$ - | \$ 1,344.00 |
| | Year 2025 | | | | | | | | | 0 | \$ - | | | | | | | | \$ - | \$ - |
| | Draft Final Report | | 1 | 4 | | 24 | | | 1 | 30 | \$ 6,265.00 | | | | | | | | \$ - | \$ 6,265.00 |
| | Final Report | | | 2 | | 4 | | | | 6 | \$ 1,344.00 | | | | | | | | \$ - | \$ 1,344.00 |
| | Year 2026 | | | | | | | | | 0 | \$ - | | | | | | | | \$ - | \$ - |
| | Draft Final Report | | 1 | 4 | | 24 | | | 1 | 30 | \$ 6,265.00 | | | | | | | | \$ - | \$ 6,265.00 |
| | Final Report | | | 2 | | 4 | | | | 6 | \$ 1,344.00 | | | | | | | | \$ - | \$ 1,344.00 |
| | | | | | | | | | | 0 | \$ - | | | | | | | | \$ - | \$ - |
| 8 | Troubleshooting | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 120 | \$ 19,920.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 19,920.00 |
| | Year 2024 | | | | | | | 40 | | 40 | \$ 6,640.00 | | | | | | | | \$ - | \$ 6,640.00 |
| | Year 2025 | | | | | | | 40 | | 40 | \$ 6,640.00 | | | | | | | | \$ - | \$ 6,640.00 |
| | Year 2026 | | | | | | | 40 | | 40 | \$ 6,640.00 | | | | | | | | \$ - | \$ 6,640.00 |
| | | | | | | | | 0 | | 0 | \$ - | | | | | | | | \$ - | \$ - |
| 9 | GIS Cathodic Protection Data | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 40 | \$ 7,960.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 7,960.00 |
| | Year 2024 | | | | | 16 | | | | 16 | \$ 3,184.00 | | | | | | | | \$ - | \$ 3,184.00 |
| | Year 2025 | | | | | 12 | | | | 12 | \$ 2,388.00 | | | | | | | | \$ - | \$ 2,388.00 |
| | Year 2026 | | | | | 12 | | | | 12 | \$ 2,388.00 | | | | | | | | \$ - | \$ 2,388.00 |
| | | | | | | 0 | | | | 0 | \$ - | | | | | | | | \$ - | \$ - |
| | Units | 4 | 22 | 101 | 22 | 204 | 460 | 956 | 10 | 1779 | | 79 | 2280 | 46 | 66 | 134128 | 61 | 17600 | | |
| | Rate | \$ 333.00 | \$ 291.00 | \$ 274.00 | \$ 228.00 | \$ 199.00 | \$ 166.00 | \$ 166.00 | \$ 102.00 | | | \$ 100.00 | \$ 0.66 | \$ 200.00 | \$ 75.00 | \$ 0.30 | \$ 100.00 | \$ 1.10 | | |
| | Total | \$ 1,332.00 | \$ 6,402.00 | \$ 27,674.00 | \$ 5,016.00 | \$ 40,596.00 | \$ 76,360.00 | \$ 158,696.00 | \$ 1,020.00 | | \$ 317,096.00 | \$ 7,900.00 | \$ 1,493.40 | \$ 9,200.00 | \$ 4,950.00 | \$ 40,238.40 | \$ 6,100.00 | \$ 19,360.00 | \$ 89,241.80 | \$ 406,337.80 |

March 11, 2024
Prepared by: D. Pardee / C. Smithson
Submitted by: N. Adly
Approved by: Paul A. Cook 

CONSENT CALENDAR

IRWD BUDGET SOFTWARE PROJECT AND CONSULTANT SELECTION

SUMMARY:

The IRWD Budget Software Project will enhance the efficiency of creating and implementing the operating expense budget and deliver a contemporary budget book. The project encompasses a five-year subscription, installation, training, customer support, and general and administrative expenses. Staff recommends that the Board authorize a budget increase for project 12964 in the amount of \$237,614 and authorize the General Manager to execute a Professional Services Agreement with Questica in the amount of \$477,364 for IRWD Budget Software Project.

BACKGROUND:

The existing process for creating the IRWD expense budget is labor-intensive and obsolete. Information is collected from diverse sources and in various formats. Staff then manually consolidates the information to develop the expense and personnel budgets and create a comprehensive budget book. Although effective, the current process is inefficient, burdensome, and subject to errors. This necessitates frequent oversight to ensure accuracy amidst evolving changes in the budget process. In addition, the budget book is antiquated.

Staff is seeking a budgeting software solution that:

- streamlines the data collection process;
- automates consolidation from the various sources;
- provides tools to assist with analytics;
- creates a modern budget book; and
- incorporates actual performance to budget comparison reporting features.

The scope of work for this project includes a five-year software subscription and the provision of professional services to install the software, training on its use, and customer support.

Software System and Consultant Selection Process:

Staff invited three consultants to submit proposals for this project. Proposals were received from two consultants: Questica and ClearGov. Both consultants were interviewed, and the proposals were evaluated and ranked as shown in Exhibit “A”. While both consultants were qualified, Questica presented an outstanding product, clear project approach, and excellent project understanding, as described below:

- *Functionality of the software solution:*

Questica: Their software solution offers greater efficiency by integrating with IRWD’s systems and incorporating information from various sources. It supports a complex

arrangement of allocations among many budget elements and enables non-budget data to determine the basis of the allocated amounts.

ClearGov: Their product requires manual upload of system information. This software will require staff to continue processing work manually, which would increase the risk of errors. Additionally, this software is not capable of incorporating non-budget data, which is a need for the District when preparing budgets and forecasts.

- *Project understanding:*

Questica: The proposal demonstrated a clear methodology tailored to meeting IRWD’s budgeting, forecasting, and reporting objectives. The proposal showcased the capabilities of Questica’s products and services to meet IRWD’s goals.

ClearGov: The proposal fell short in terms of detail and customization. The company’s ability to meet IRWD’s objective lacked clear definition.

- *Experience and expertise:*

Questica: This company has been providing public sector budget and forecasting software solutions for over 25 years. Its customers include Metropolitan Water District of Southern California, San Diego County Water Authority, and several other California public sector agencies and water utilities.

ClearGov: This company was founded in 2015. It has less experience with California agencies and water districts.

Questica’s scope of work and fee proposal are provided as Exhibit “B”. Staff anticipates that the project will be completed in August 2024.

FISCAL IMPACTS:

Project 12964 is not included in the FY 2023-24 Capital Budget. A budget increase as shown below is required to fund the first year of the project.

| Project No. | Current Budget | Software Subscription and Implementation | General and Administrative Costs | Budget Increase |
|-------------|----------------|--|----------------------------------|-----------------|
| 12964 | \$0 | \$145,878 | \$91,736 | \$237,614 |

ENVIRONMENTAL COMPLIANCE:

This study is exempt from the California Environmental Quality Act as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15262 which provides exemption for planning studies.

COMMITTEE STATUS:

This item was reviewed by the Finance and Personnel Committee on March 5, 2024.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE A BUDGET INCREASE FOR PROJECT 12964 IN THE AMOUNT OF \$237,614 AND AUTHORIZE THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH QUESTICA IN THE AMOUNT OF \$477,364 FOR IRWD BUDGET SOFTWARE PROJECT.

LIST OF EXHIBITS:

Exhibit "A" – Consultant Evaluation Matrix

Exhibit "B" – Scope of Services and Price Quote

Note: This page is intentionally left blank.

Exhibit "A"

CONSULTANT EVALUATION MATRIX

Budget Software Vendor Comparison

| Item | Description | Weights | Questica | ClearGov | OpenGov |
|------|---|------------|--------------------|----------|-------------------|
| A | Experience and expertise with similar projects. | 20% | 10.00 | 8.00 | Declined to quote |
| B | Qualifications of the firm and individuals assigned to perform the work. Understanding and expertise with budget-based and other allocation rate structures; availability and level of commitment of the proposed project team and key personnel. Understanding of project scope, approach to accomplishing the work, and project timeline. | 40% | 10.00 | 10.00 | |
| C | Functionality of the software solution and its ability to meet the needs and objectives of the District. | 40% | 10.00 | 7.00 | |
| | <u>COMBINED WEIGHTED SCORE</u> | | 10.00 | 8.40 | |
| | Ranking of Consultants | | 1 | 2 | |
| C | <u>SCOPE OF WORK</u> | | | | |
| TASK | | | FEE | | FEE |
| | Installation (One Time) | | \$79,828 | | \$11,700 |
| | 5-year Subscription | | \$397,536 | | \$50,635 |
| | General and Administrative Costs | | \$40,000 | | \$2,000 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | TOTAL COSTS | | 0 \$517,364 | | 0 \$64,335 |

Scope of Work

Questica Budget Implementation for Irvine Ranch Water District

Revision History

| Rev. | Date | Authors | Notes/Changes |
|------|------|---------|---------------|
| 1 | | | |

1. General

1.1. Shared Responsibility

Questica and The Customer agree that the implementation of Questica Budget is a shared responsibility, and that they will employ their best efforts to complete their agreed tasks on a timely basis. Neither Questica nor The Customer is expected to have resources available to mitigate timeframe slippage caused by the other party, and neither shall have an obligation to do so.

1.2. General Clarification

Initial Data Load

“Data import”, “import workbooks”, and “initial data load” are synonymous terms referring to the initial migration of data from The Customer's existing systems into Questica Budget.

Where this initial data load is to be performed by Questica, the data shall be returned to Questica in Excel workbooks. Questica's Project Manager will provide blank workbooks for this purpose as an output of initial discovery meetings. These are adapted from standard templates to use The Customer's terminology and to incorporate all elements of The Customer's chart of accounts, other data entities, and columns within those data entities. Such data provided must be “clean”, consistent, and complete. The Questica PM is not responsible for cleaning data, and will not repeatedly load data in order to repair issues and/or add missing information.

The Customer can use the software's user interface or Questica Budget's Excel® export/import feature to further amend and maintain data, or to load data where this is a customer task.

For example, where Questica's work to load prior year data may be limited to a specific number of years in order to reduce implementation cost, there is no system limit to the number of prior years that the customer can load using Excel® export/import.

Data Model

The Questica Budget system is a relational database built on a standard data model. Using the system's user interface, this data model may be enhanced to mirror The Customer's data structures, notably the chart of accounts that is unique to The Customer's institution. While all of the standard tables ('entities') must be retained, the following points are held to be true:

- Any of the standard entities may be renamed to match The Customer's terminology;
- Out-of-the-box entities may be ignored, or in some cases filled with place-holder data, if not useful;
- There is a defined, immutable, relationship between certain entities - for example Costing Centers (Operating) and Projects (Capital) roll up to a single Department, each in turn rolling up to a single Division;
- The GL Account/Account Category, Division/Department, Fund Category/Fund, and Asset Category/Asset

Type structures must be consistent across all years and across the modules (Operating, Personnel, Capital, Financial Statements, and Performance);

- GL Account Categories must be categorized as containing either a revenue or expenditure accounts (accommodation is made for other account types in the Financial Statements module);
- Questica Budget enacts data integrity through the use of relational data structures. Data structures which do not follow accepted data principles (for example, re-using GL Accounts/Object Codes to mean different things to different Departments) can typically be accommodated but is not guaranteed and such accommodation can extend the import timeframe;
- A list of the standard entities and their relationship is available upon request.

Integrations

“Integration” as used in this Scope of Work refers to the automation of data exchange between Questica Budget and 3rd party systems. For each of the integrations in scope, Questica shall be responsible for:

- Configuring data transformations, as described by The Customer during the implementation.
- Providing the software interface into Questica Budget, and the operational infrastructure required to manage the integration, as well as the operational infrastructure required to manage the integration (e.g. FTP server).

Questica does not offer services to build the 3rd party system end of integrations. The Customer is responsible for creating data sources and destinations within their 3rd party systems, either through their IT team or through their system’s integrator. Such data sources and destinations may be database queries, delimited files, and/or web services.

The Customer is advised that in a “cloud” environment, Questica is unlikely to be granted the local network access to The Customer's other enterprise systems for a direct database-to-database integration. The most likely mode of integration will be exchange of formatted text (.CSV) files transmitted using secure FTP (SFTP or FTPS). Integration via web services may be possible where the 3rd party system provides a web services interface that provides/accepts data required by The Customer. It will be The Customer's responsibility to create or cause to be created the necessary file transfer mechanism on their side of the transfer; and to ensure that the 3rd party system's integration components are available, including web services where used.

For all integrations in scope, the following are held to be true except where specifically listed as a customization:

- Records being copied into Questica Budget require a unique key to unambiguously match incoming data with pre-existing records. This key may be a single field value (e.g. Object Code) or a combination of multiple values (e.g. Position+Employee Number). An exception report is provided for data elements which cannot be thus matched.

- While it is likely that Questica Budget can accommodate any chart of account segments (“chart fields”), and Questica shall accommodate reasonable requests for mapping chart fields to accommodate situations such as legacy account structures, the encoding and decoding of arbitrary structures and mappings (those which cannot be logically described) is not in-scope.

- Questica Budget integrations do not include the synchronization of chart of account strings, segments, or combinations; which is to say that the list of funds, GL accounts, costing Active, and projects, etc. is not automatically updated from the general ledger or other external system.

- Each distinct data source and/or output file is considered one point of integration. For example, if Statistical Actuals are required from multiple data sources, Questica will need to configure one integration for each data source and a single Statistical Actuals integration will be insufficient.

- Filtering is coded into the integration and there is no custom user interface for the selective export of sections of the budget except to choose a budget year, or in the case of Actuals imports the date range.

- Standard budget export integrations, where in scope, do not have the ability to export only changes since the last export. The entire budget is exported each time. A budget amendment export integration is required in order to export selected parts of the budget, such as changes since the last export.

- Amended budget export integrations, where in scope, will be either export individual amendments as created, or export the batch of amendments since the last export, or import amendments from the general ledger system as read-only budget lines. Which of these options is used is a detail determined during the implementation, but each amendment integration will only work in one of these modes.
- Actuals Import integrations cannot be used to amend the budget.

Customizations

Customizations include custom business rules, modifiers, user interface (grids, forms, etc.), non-standard integrations, hand-crafted reports, and ad hoc entities. They are all detailed in section “2.11. Customizations” of this Scope of Work document. Sections prior to “2.11. Customizations” detail the delivery of standard product functionality and services.

2. Scope of Work

In the Scope of Work tables, entries in the column headed “Scope of Work” are defined as follows:

| Entry | Meaning |
|---------------|--|
| In scope | The task or function is within the scope of work to be undertaken by Questica professional services. There may be additional refinement of the scope. |
| Customer task | The task or function is not within the scope of work to be undertaken by Questica professional services, but will be undertaken by The Customer, with such help from Questica as is detailed in the item description. There may be additional information qualifying this. |
| Not in scope | The task or function is not within the scope of work to be undertaken by Questica professional services, nor will it be undertaken by The Customer. |

2.1. Questica Budget Configuration & Shared Components

| Functional Area | Description | Scope of Work |
|-------------------|---|--|
| Production System | <p>Hosting of the single production instance of the Questica Budget system. Note that in addition to the hosted production system, The Customer must provide user workstation environments as follows:</p> <ul style="list-style-type: none"> • A web browser: supported browsers - Microsoft Edge, Firefox latest release, Chrome latest release; • Microsoft .NET Runtime 4.68 installed; • Microsoft Excel® 2007 or newer (if spreadsheet export/import feature is required, and/or saving reports as Excel is required); • Microsoft Word® 2007 or newer (if scheduled reporting and/or saving reports as Word is required); • Microsoft's freely available desktop version of Report Builder installed (if self-serve report authoring is required from browsers other than Internet Explorer or Edge) - note that Microsoft have rebranded this "Power BI Report Builder". | In scope As per hosting Software Agreement. |

| | | |
|-------------------------------|---|---|
| Sandbox System(s) | <p>Sandboxes are hosted for The Customer's development/test/QA/training needs. They are refreshed on demand by administrative users from within the application and are a clone of the production database. Integrations are not enabled by default and single sign-on (SSO) may need to be configured for sandboxes.</p> <p>Questica reserves the right to remove dormant sandboxes but these can be recreated by The Customer as needed.</p> | <p>In scope: A single sandbox.</p> |
| RoSA (Read-only SQL Access) | <p>RoSA is an optional service giving The Customer's IT team read-only access to a password protected copy of the database. It uses Microsoft Azure geo-replication to replicate in near real-time, and is accessible using ODBC. Note: Questica is not able to add The Customer's own code or other objects (views, functions, stored procedures) to this database.</p> | <p>Not in scope</p> |
| Project Management & Analysis | <p>Questica will assign an Implementation Manager ("PM") to lead this implementation on Questica's behalf. The role and responsibility of the PM is to ensure that the product is implemented according to this Scope of Work and to carry out the tasks detailed in sub-section "3.0.1. Questica Project Management Responsibilities" of this Scope of Work.</p> <p>Limitations:</p> <ul style="list-style-type: none"> - Weekly status meetings is the number of scheduled meetings for the purpose of status reporting that the Questica PM is obligated to attend/host. Exceeding this limit is at the discretion of Questica's PM. This does not limit his or her availability for ad-hoc contact as needed. - The scope includes overhead of project management and analysis as stated in the "Scope or Work" column at right. Where delays are not on the part of Questica, additional project management and analysis beyond this limit may be billable at Questica's standard services rate. | <p>In scope with:</p> <ul style="list-style-type: none"> - One weekly status meeting; - 31 weeks of project management and analysis contiguous from project kick-off, or until all other implementation services are delivered, whichever occurs first. |

| | | |
|----------------------------------|---|---------------------|
| <p>Consulting Services - BPI</p> | <p>Questica will facilitate a review of:</p> <ul style="list-style-type: none"> - The budget process for both the operating and capital budgets; - The chart of accounts; - Personnel planning and budgeting; - Reporting requirements. <p>This process will require the participation of stakeholders in group workshops and may include or one-on-one workshops.</p> <p>Budget Process End to end review, including high level descriptions of the tasks performed, the timing of these tasks, and dependencies. Questica will facilitate a design of the budget process as it relates to the Questica Budget system being implemented, seeking opportunities for improvement. This output will be documentation of:</p> <ul style="list-style-type: none"> - Budget process stages; - What happens in each stage; - Input, outputs, and participants in each stage; - Stage permission requirements. <p>Chart of Accounts Determine the data model, including the COA, roll-ups (whether part of the GL or not), and other budgetary fields of data. Complete field mapping and prototyping in Questica Budget.</p> <p>Personnel Budgeting Review and refine personnel budgeting process and data. To include common personnel budget issues including vacant positions, overtime, benefits, allowances, and statutory deductions.</p> <p>Reporting Requirements Ensure reporting is supported by the data model. Identify reports in three primary groups: those required for developing budget, those required for managing budget, and those disseminating for information “up and out” (management and public. Reporting can be through traditional print reports, saved searches, dashboards, smart reports, and OpenBook.</p> <p>The customer will assume responsibility for maintaining all process documents after hand-off.</p> | <p>Not in scope</p> |
|----------------------------------|---|---------------------|

| | | |
|--|---|--|
| <p>Consulting Services - Change Management</p> | <p>Questica will facilitate a change management process in relation to the implementation of Questica Budget. This process will require the participation of stakeholders in group workshops and may include or one-on-one workshops.</p> <p>A change management plan document will be produced based on the information gathered, containing:</p> <ul style="list-style-type: none"> - What is changing; - Organizations impacted by the change; - Each organization's ability and willingness to change; - A training plan; - Strategies for dealing with the change. <p>Note that the change management included in this item offer the benefit of Questica's experience in the domain of budget system implementation. It is not the enactment of, or replacement for, a comprehensive project of change management as may be required by the customer's PMO (project management office), or for a significant change beyond the introduction of a new system that approximates to current processes and procedures.</p> | <p>Not in scope</p> |
| <p>On-Site PM Visits</p> | <p>Each on-site visit by Questica's PM, and other implementation staff (excluding training, see below) shall be a minimum of one day and no more than five consecutive business days within the same working week. Where more than one individual is on-site at the same time this is considered as multiple visits (one per individual attending).</p> <p>Meeting premises, facilities (including external internet access) and equipment are to be provided by The Customer. Costs associated with travel, board and lodging for on-site visits are payable by The Customer as per contract.</p> <p>All other work by the Questica lead(s) will be carried out off-site and contact will be via normal telecommunication channels.</p> | <p>Not in scope</p> |
| <p>Application-Level Security</p> | <p>Determine how and when to use the various security levels available within Questica Budget, enter users and assign them to groups and roles.</p> | <p>Customer task: Questica will assist with this task until administrators have received training in security configuration.</p> |
| <p>Single Sign-On</p> | <p>Configure Questica Budget to use The Customer's existing Windows, LDAP, CAS, Google, or SAML Authentication, for user logon.</p> | <p>In scope: Configure production instance to use The Customer's SAML (Azure AD Connect) Authentication for user logon. Questica is not responsible for software and configuration changes required to make it authenticate with non-standard implementations of authentication protocols.</p> |

| | | |
|----------------------------------|---|----------|
| Import Configuration ... | | |
| Import Master Configuration Data | <p>Configuration and data import of the following Questica Budget standard data structures, using data supplied by The Customer in Excel® workbooks provided by Questica:</p> <ul style="list-style-type: none"> • Division/Department hierarchy; • Fund Categories and Funds; • Account Categories and Expense and Revenue GL Accounts • Statistical Account Categories and Statistical Accounts • Other Chart of Account Segment Values • Performance Measure Units | In scope |
| Analytics ... | | |
| Standard Reports | <p>Provision of Questica Budget's standard reports. These reports are provided as-is and may not fully address The Customer's specific reporting requirements.</p> | In scope |
| Administrator Authored Reporting | <p>Questica Budget's reporting infrastructure allows users to create ad hoc views which can be used as datasets when using Report Builder 3.0 for administrator authored reporting; as the data source for dashboard widgets; and as part of the ad-hoc analytics interface. Each ad hoc view requires a base "entity" (database table), which can be one of Questica Budget's native data entities; a user configured entity; or a custom built "report entity" which consolidates the data from multiple entities and presents it to the ad hoc view as a single entity ready to report on.</p> | In scope |

2.2. Operating Module

The Questica Budget Operating module is included in this installation.

| Functional Area | Description | Scope of Work |
|------------------------|---|---------------|
| Configuration ... | | |
| Import Costing Centers | <p>Configuration and data import of standard Questica Budget Operating data structures, using data supplied by The Customer in Excel® workbooks provided by Questica At a minimum, the files will contain the data necessary to:</p> <ul style="list-style-type: none"> • Create Costing Centers (for each historical and current/future budget year to be loaded); • Add Costing Centers to Departments; • Associate Costing Centers with Funds; • Define Budget Promotion Stages. | In scope |
| Initial Data Load ... | | |

| | | |
|---|---|--|
| Import Initial Budget | Import the current/future Operating budget from data import workbooks: <ul style="list-style-type: none"> • Create dollar budget line items at the chart of account level ... by Costing Center. | In scope: Questica will import the most recent budget with 1 years of future forecast data. Questica will repeat the import once, to accommodate a refresh prior to going live. |
| Import Historic Budgets | Import prior years' Operating budgets. All prior years must have a chart of account structure that is the same, or a subset of, the initial budget. Only the amended OR the approved budget will be imported in each of these prior years, but not both. | In scope: Questica will import 2 prior years' budgets. |
| Import Actuals Transactions | Import Operating actuals transactions from data import workbooks. | Customer task: The Customer can add their historical data manually, or using Questica Budget's Excel® export/import feature, or with an automated integration. |
| Import Initial Statistical Budget | Import the current/future Operating statistical budget from data import workbooks: <ul style="list-style-type: none"> • Create statistical budget line items at the statistical account level ... by Costing categorized. | Customer task: The Customer will enter their statistical budget data using Questica Budget's user interface or Excel® export/import feature. |
| Import Historic Statistical Budgets | Import prior years' Operating statistical budgets. All prior years must have a statistical account structure that is the same, or a subset of, the initial budget. Only the amended OR the approved budget will be imported in each of these prior years, but not both. | Customer task: The Customer can add their historical statistical budget data using Questica Budget's user interface or Excel® export/import feature. |
| Import Statistical Actuals Transactions | Import Operating statistical actuals transactions from data import workbooks. | Customer task: The Customer can add their historical data manually, or using Questica Budget's Excel® export/import feature, or with an automated integration. |
| Integration ... | | |
| Budget Export | Automated facility to transfer the Operating module budget data from Questica Budget to The Customer's Oracle Financials general ledger at the approved budget object/costing centre level when invoked by a user. Note that this scope item is in addition to the built-in budget export, which will create a CSV file using the configured account structure suitable for import into most general ledger systems. | In scope: Questica will create no more than 1 point of integration for the approved operating budget. |

| | | |
|-----------------------------------|--|--|
| Amended Budget Export | <p>Automated facility to transfer individual approved amendments to the Operating module budget data, from Questica Budget to The Customer's Oracle Financials general ledger, or the other direction as required.</p> <p>This interface is required only in the case where The Customer requires the amended budget to be synchronized between the two systems and where the general ledger cannot be updated by re-running the full export provided in the item in the "Budget Export" item above.</p> | In scope: Questica will create no more than 1 point of integration for the operating budget amendments. |
| Actuals Import | <p>Automated facility to transfer actual data from The Customer's Oracle Financials general ledger to the Questica Budget Operating module at a transaction level on a daily basis when automatically scheduled; and/or on demand.</p> <p>Note that this scope item is in addition to the built-in actuals import which is able to read a CSV file, provided it conforms to some simple formatting requirements and the configured account structure.</p> | In scope: Questica will create no more than 1 point of integration for the operating actual costs. |
| Statistical Budget Export | Automated facility to transfer the Operating statistical budget data from Questica Budget to a single target system at the approved budget object/costing centre level when invoked by a user. | Not in scope |
| Amended Statistical Budget Export | <p>Automated facility to transfer individual approved amendments to the Operating statistical budget data, from Questica Budget to a single target system, or the other direction as required.</p> <p>This interface is required only in the case where The Customer requires the amended budget to be synchronized between the two systems and where the 3rd party system cannot be updated by re-running the full export provided in the item in the "Statistical Budget Export" item above.</p> | Not in scope |
| Statistical Actuals Import | Automated facility to transfer actual data from a single source system to the Questica Budget Budget Operating statistics at a transaction level on a daily basis when automatically scheduled; and/or on demand. | Not in scope |

2.3. Personnel Planning & Budgeting Module

The Questica Budget Personnel Planning & Budgeting module is included in this installation.

| Functional Area | Description | Scope of Work |
|-----------------|-------------|---------------|
|-----------------|-------------|---------------|

| | | |
|--|---|---|
| Initial Data Load ... | <p>Configuration and data import of standard Questica Budget Personnel data structures, using data supplied by The Customer in Excel® workbooks provided by Questica. At a minimum, the files will contain the data necessary to:</p> <ul style="list-style-type: none"> • Create positions; • Create salary grades; • Create salary grade steps; • Create modifiers (benefits); • Create employees; • Allocate employees to positions; • Allocate positions to costing centers. <p>For the purpose of the above, the definitions of positions, grades, grade steps, employees and modifiers shall be those found in the Questica Budget Personnel manual. The relationships between them shall be those currently supported by Questica Budget and described in the Questica Budget Manual.</p> | |
| Import Positions & Employees | Import from data import workbooks. | In scope |
| Import Grades & Scales | Import from data import workbooks. | In scope |
| Create Benefits (Modifiers) | <p>Create “modifiers” to generate supplementary personnel costs such as benefits, allowances, and insurance.</p> <p>Note that modifiers are not simple 2-dimensional data that can be represented in a spreadsheet. It is not possible to load modifiers in bulk from Excel® workbooks.</p> | Customer task: Questica will assist with this task until administrators have received training in modifier configuration. |
| Import Position/Costing Center Allocations | Import from data import workbooks. | In scope |
| Integration ... | | |
| Payroll Actuals Import | Automated facility to transfer actual payroll transactions at the employee/position detail level from The Customer’s HR or payroll system to the Questica Budget Operating module; automatically scheduled, and/or on demand. This data may be used to replace existing GL Actuals with payroll detail or may be stored in a separate table. | Not in scope |
| HR Data Sync. | <p>Automated facility to synchronize Personnel data between Questica Budget and The Customer’s HR or payroll system. This integration synchronizes:</p> <ul style="list-style-type: none"> • New, deleted, and updated employees; • New, deleted, and updated positions; • Changes in employee-position relationships; • Changes in position-costing centre relationships. | Not in scope |

2.4. Capital Module

The Questica Budget Capital module is not included in this implementation.

2.5. Reserved

2.6. Performance Measures

The Performance Measures module is included in the framework license, however this SoW does not include configuration of the system by Questica. The Customer may use the online training material to make use of Performance Measures.

| Functional Area | Description | Scope of Work |
|------------------------------|---|---------------|
| Configuration ... | | |
| Measure Categories and Units | Configuration of Performance Measures Categories and Units, establishing those lookup values within the system. | Not in scope |
| Initial Data Load ... | | |
| Measures | Configuration of the initial set of performance measures. | Not in scope |
| Scorecards | Configuration of the initial set of performance measurement scorecards, and including them on dashboards. | Not in scope |
| Integration ... | | |
| Measure Actuals Import | Automated facility to load actual data from The Customer's 3rd party data collection systems to the Questica Budget performance measures module on a scheduled basis; and/or on demand. Users can add measure actuals data not available through an automated interface through the user interface or using Excel® export/import. | Not in scope |

2.7. OpenBook and Budget Book Studio

A subscription for Questica's "OpenBook" cloud service for data transparency is included in this implementation. This subscription includes the "Budget Book Studio" add-in.

| Functional Area | Description | Scope of Work |
|-------------------|-------------|---------------|
| Configuration ... | | |

| | | |
|---|---|---|
| System Administration | General configuration of OpenBook Core to set the look-and-feel, captions, and add users. | Customer task: As a customer task, The Customer will leverage Questica's training material and reasonable assistance of Questica's PM or consultant to understand the administration options. |
| Configuration of Questica Budget | Configure ad hoc views in Questica Budget as a convenient source of source of OpenBook Core data. | In scope: Questica will, with the help of The Customer, configure up to 3 ad hoc views as a source of data for OpenBook Core. The Customer is able to configure as many additional ad hoc views as required. |
| Configuration of OpenBook Core Visualizations | The Customer is able to add multiple "visualizations" of their data to their OpenBook site. Each dataset is displayed according to a template selected from a library of visualization styles. The Customer is also able to add their own stories with "spotlights" and "highlights". | In scope: A Questica consultant will assist in configuring OpenBook Core "Visualizations" and "Stories" to a limit of 10 hours of consulting time (additional services can be purchased at Questica's standard hourly rate). |

| | | |
|---|--|---|
| <p>Configuration of Budget Book Studio</p> | <p>The Customer is able to add multiple budget books to their OpenBook site following their approval workflow in “Budget Book Studio” . Budget books are built with a Customer defined layout of data tables, reports, paragraphs of text, images, charts, and can embed OpenBook’s “highlights” and “spotlights”. Questica services include:</p> <ul style="list-style-type: none"> • Training, including an optional introduction for newcomers to OpenBook. • Review source budget data: account groups, funds, and departments. • Configuration of a Budget Book to support these structures.(Note: Budget Book is not suitable for arbitrary data mapping, complex (re)calculation of values, and/or reporting of budget using roll-ups and segments other than those by which the budget is built and managed in Questica Budget.) • Creation of “views” in Questica Budget. * • Configuration & testing of data integration from Questica Budget. * • Configure standard content and assist with requested changes to standard format. • Guidance on completing tasks, including: <ul style="list-style-type: none"> o manual input of values deemed non-automatable; o insertion of unstructured data from files such as images, maps, award certificates, and charts; o sharing experience of layout and content options. • Miscellaneous configuration and content authoring assistance. <p>* Where the source system is not Questica Budget, The Customer is responsible for providing clean, well organized data in CSV file for upload.</p> | <p>In scope: A Questica consultant will assist in configuring the first budget book, over a period not exceeding 8 weeks to a limit of 40 hours of consulting time (additional services can be purchased at Questica’s standard hourly rate).</p> |
| <p>Content Authoring and Editorial Services</p> | <p>Authoring text and generating image (photo, graphic, map, chart, etc.) content for budget book(s).</p> | <p>Customer task</p> |
| <p>Integration ...</p> | | |
| <p>Import from Questica Budget</p> | <p>Connection of OpenBook to Questica Budget, through a shared API key, and the publication of ad hoc views for seamless import of data into OpenBook from Questica Budget.</p> | <p>In scope</p> |

| | | |
|-----------------------|--|---|
| Import from CSV Files | Initial and ongoing population of datasets through the import of .CSV files. | Customer task: As a customer task, The Customer will leverage Questica's training material and reasonable assistance of Questica's PM or consultant to load and configure datasets from CSV files. |
|-----------------------|--|---|

2.8. Training

| Functional Area | Description | Scope of Work |
|-------------------|--|---------------|
| Online Resources | Questica maintains a substantial library of online training courseware. Having signed-up with a valid Customer email address, all material is available to all users during and after the implementation. | |
| Training Approach | <p>Questica's standard training model is to train the trainers/advanced users within The Customer's organization in all implemented aspects of the application. Training is a blend of online courseware and "live" training, either in a classroom (if in scope, see "Training Location" below) or via a web conference. In the case of video training Questica's PM will field outstanding questions after the scheduled viewing.</p> <p>Where a specialist trainer is "In Scope" below this might be as a follow-up to a video or presentation of the entire course.</p> | |
| Training Schedule | <p>Questica's PM will help determine at which point in the implementation the delivery of training is most appropriate. The Customer may prefer to receive some or all of their training in the early stages of the implementation, in the knowledge that such training will need to be carried out using a generic training database. Alternatively The Customer may choose to wait until the implementation is substantially complete in order to be trained on their own instance of Questica Budget.</p> <p>Having received train-the-trainer training, the Customer is responsible for training the end users, except where explicitly included in scope (below).</p> | |

| | | |
|--|--|--|
| <p>Training Location</p> | <p>* Note that this item relates only to location of training and does not confer training in addition to those items scoped below.</p> <p>On-Site Training: Is not included.</p> <p>Remote Training: All training provided by Questica will be delivered using web conferencing tools. Attendees are able to participate in the training from multiple locations using their own computer, or in a conference room with shared screen (their own computer is recommended). Audio is provided by telephone or the computer's own audio facilities. These sessions may be recorded upon request, with the unedited recording provided to The Customer for storage and dissemination using their own media repository.</p> | |
| <p>Instructional Videos/eLearning Courseware</p> | <p>Instructional on-boarding videos tailored to The Customer's process (one per module) or full eLearning courseware (covering all modules) aimed at end-users. This material will show general system usage, and how to enter and query budgets.</p> | <p>Not in scope</p> |
| <p>Train-the-Trainer Training Sessions</p> | <p>Training trainers, as well as advanced users and application administrators, in the modules, features, and processes implemented. Sessions may cover the following topics:</p> <ul style="list-style-type: none"> • Administration • Administrator Authored Reporting • Operating Module • Personnel Planning Budgeting Module <p>. Questica's PM will work with The Customer's project lead to ensure this training is focused where needed. Training for the following occur as part of their implementation process and is NOT part of this scope item:</p> <ul style="list-style-type: none"> • OpenBook • Budget Book | <p>In scope: This scope of work includes up to 5 training sessions including preparation time.</p> |
| <p>Train-the-User Training Sessions</p> | <p>Training end-users to use the modules, features, and processes implemented.</p> | <p>Customer task</p> |

2.9. Reserved

2.10. Reserved

2.11. Customizations

2.11.1. Custom Business Rules (CBRs), Modifiers, User Interface

This Scope of Work does not include the development of customizations.

Customizations not listed here can be accommodated upon receipt and acceptance of a change order, which will include a specification and may include an estimate for the work to be charged on a time & materials basis at the applicable rate.

2.11.2. Custom Reports, Custom Ad Hoc Entities and Custom Dashboards

This Scope of Work does not include the development of custom reports or ad hoc entities.

Custom reporting and dashboard requirements not listed here can be accommodated upon receipt and acceptance of a change order, which will include a specification and may include an estimate for the work to be charged on a time & materials basis at the applicable rate.

2.11.3. Specifications

Before Questica undertakes any customizations described herein, as well as integrations with other systems, and data imports, The Customer and Questica shall prepare and sign-off on the detailed specifications (“Specifications”) for the work to be performed.

2.11.4. Change Orders

Any changes to the agreed specifications, including changes requested by The Customer within the warranty period, shall be the subject of a new change order and the work to be carried out thereunder shall be separately quoted, agreed, and billed and shall not be included as part of this Scope of Work.

2.11.5. Warranty

Once completed the custom work shall be warranted by Questica in accordance with the “Technical Support Services” section of the Software License Software Agreement.

3.0. Project Management

3.0.1. Questica Project Management Responsibilities

1. Coordinating the development of the project plan in consultation with The Customer project manager and team members.
2. Ensure the timely execution of Questica's deliverables.
3. Ensuring that members of The Customer team are sufficiently educated in the Questica Budget application understand the implications of initial design decisions.
4. Providing The Customer with timely and detailed descriptions of the items identified as “Customer task” within this SoW, along with their expected completion dates.
5. Providing regular progress status reports to the key team members.
6. Advising The Customer of the impact on the expected delivery dates of any Questica or Customer deliverable is advanced or delayed.
7. Tracking issues through an issue log.
8. Author and coordinate the approval of change order estimates, and the execution of the deliverables approved.

3.0.2. The Customer Project Management Responsibilities

1. Running The Customer's project according to The Customer's norms, standards, practices, and protocols.
2. Acting as primary communication point with the Questica PM.
3. Providing definitive responses to the Questica PM on all decision points.

4. Ensuring the timely execution of The Customer's deliverables, as identified within this SoW, and advising the Questica PM of expected completion dates.
5. Ensuring that implementation training material is reviewed in a timely manner.
6. Ensuring that change orders contain a full specification of the changes required.
7. Ensuring that customizations are fully specified and documented.
8. Ensuring that all Customer team members have a clear understanding of their responsibilities to the project.
9. Approving (sign-off) Questica deliverables.

3.0.3. Project Planning

1. The project plan will be prepared by the Questica project manager in consultation with The Customer's project manager and team members.
2. The project planning phase will determine whether Questica Budget modules are to be implemented serially or in parallel and, if serially, the order of module implementation.
3. The implementation of each Questica Budget module will involve the following stages:
 - a. An overview of, and training in, the module and the ways in which the module can be extended by configuration and customizations.
 - b. A determination of how best to configure and, if necessary, customize the module to meet the objectives of The Customer.
 - c. An overview of the advantages and, if present, disadvantages of the proposed configuration and customizations.
 - d. Documentation of the agreed configuration and customizations.
 - e. The preparation of data import templates consistent with the agreed configuration and customizations.
 - f. The completion by The Customer of the data import templates.
 - g. The import by Questica of the data import templates.
 - h. Customer approval of the imported Questica Budget structures and data.
 - i. The creation of custom report entities to support The Customer's reporting, where such reporting is not readily available within Questica Budget's natural data model.
 - j. Training in the creation of (ad hoc) views, and ad hoc print reports using Microsoft Report Builder 3.0.
 - k. Determination of custom reporting requirements that cannot be met by the standard reports and the use of the out-of-the-box ad hoc reporting features.
 - l. The preparation of change orders and specification for any custom reports not detailed in this Scope of Work.
 - m. The development by Questica of any required custom reports, whether detailed in this Scope of Work or added to the scope through a change order.
 - n. The testing and acceptance of custom reports and report views.
 - o. The deployment of custom reports and report views.
 - p. The development of an integration strategy for updating the Questica Budget database with actual result data from the financial system and the passing of budget data into the financial system.
 - q. The development by The Customer of the integration components (queries, intermediate tables, file output/input etc.) which are required to access actual data from the financial system/HR System and update the financial system with budget data.
 - r. The development by Questica of:
 - i. integration components which transform budget data prior to updating the financial system;
 - ii. integration components which transform actual result data prior to updating the Questica Budget database;
 - iii. integration components required to initiate the execution of integrations.
 - s. The deployment of all integration components.

- t. The testing and acceptance by The Customer of the integration components.

4. Customer Resources

1. The requirement for Customer resources is variable with:
 - a. The duration of the project.
 - b. The degree of internal Customer consultation.
 - c. The level of internal Customer Software Agreement.
 - d. The number of customizations.
 - e. The familiarity of Customer staff with their General Ledger, ERP, HR, and other 3rd party systems.

END OF SOFTWARE SUBSCRIPTION SOFTWARE AGREEMENT DOCUMENT



Budget

Price Quote

Prepared for

Christopher Smithson

Debra Pardee

Irvine Ranch Water District

by

Carlos Perez

Questica Ltd.

This proposal is subject to a review of your Chart of Accounts
and a review of the Scope of Work

January 29th 2024



Questica

A Euna Solutions Brand

Questica Budget Price Quote

Quotation ID#: IRWD - 01292024


| Description | Qty | Total |
|---|--------------|---------------------|
| Questica Budget Framework – All Modules | | |
| Operating License Seats | Unlimited | |
| Personnel Planning & Budgeting License Seats | Unlimited | |
| Capital License Seats | Not Included | |
| Unlimited Read-Only Licenses | Included | |
| Performance Measures | Included | |
| Allocations | Included | |
| Statistical Ledger | Included | |
| OpenBook Transparency | Included | |
| Budget Book Studio | Included | |
| Questica Year 1 Software Subscription (including software, maintenance, support and hosting) | | \$79,828.00 |
| Professional Services (Per Scope of Work) | | |
| Planning & Analysis | Included | |
| Installation | Included | |
| Data Load & Verify | Included | |
| Accounting Integration | Included | |
| Customizations | Not included | |
| Customized Reports | Not included | |
| Training | Included | |
| Project Management | Included | |
| Single Sign On | Included | |
| Total Questica Professional Services (one-time fee): | | \$66,050.00 |
| GRAND TOTAL (Year 1) | | \$145,878.00 |

Pricing Notes

Quotation ID#: IRWD - 01292024

Pricing valid through: February 29th 2024

- Questica annual subscription is based on a 5 year term
- Questica will apply a 5% inflationary increase beginning in year 4
- Questica Annual fees
 - Year 1 is \$ 145,878.00 (SaaS and Professional Services)
 - Year 2 is \$ 79,828.00
 - Year 3 is \$ 79,828.00
 - Year 4 is \$ 83,819.40 (includes 5% increase)
 - Year 5 is \$ 88,010.37(includes 5% increase)
 - Total 5 Year contract is \$477,363.77
- Above pricing in US dollars
- Applicable Taxes Extra
- Pricing is not applicable in response to a formal RFP Process
- Terms of Payment:
 - Software:
 - 100% upon Contract Effective Date (Net 30)
 - Year 2 due 365 days from Contract Effective Date and annually thereafter
 - Professional Services:
 - 25% due the earlier of software installation or 30 days from Contract Effective Date
 - 25% due the earlier of historical Operating budget available for validation or 60 days from Contract Effective Date
 - 25% due the earlier of Operating actuals import integration configuration created & tested or 90 days from Contract Effective Date
 - 25% due the earlier of completion of training or 120 days from Contract Effective Date

March 11, 2024
Prepared by: N. Palacio / K. Welch
Submitted by: F. Sanchez / P. Weghorst
Approved by: Paul A. Cook 

ACTION CALENDAR

DRAFT TERMS FOR WATER MANAGEMENT PROGRAM AGREEMENT WITH HOMER LLC

SUMMARY:

In 2023, the Board authorized the General Manager to execute an agreement with Homer LLC for a mutually beneficial Pilot Program that allowed IRWD to use Homer's Cross Valley Canal (CVC) capacity to deliver water to the IRWD Water Bank in exchange for IRWD providing Homer the ability to recharge an equivalent amount of water at the IRWD Water Bank. Based on the success of the pilot program, staff has prepared draft terms for a Water Management Program that would provide for a similar capacity exchange, as well as water exchange transactions on a 1-for-1 basis. Staff recommends that the Board authorize the General Manager to execute a Water Management Program Agreement with Homer based on the draft terms presented at the meeting, subject to substantive changes approved by the Supply Reliability Programs Committee and legal counsel.

BACKGROUND:

Homer owns land within Berrenda Mesa Water District, a member unit of Kern County Water Agency, with the right to use State Water Project (SWP) water. Homer also has the right to 217 cubic feet per second (cfs) of CVC conveyance capacity, which exceeds Homer's needs. IRWD has the right to 4.87 cfs of CVC capacity and relies on Rosedale-Rio Bravo Water Storage District to convey larger amounts of water to the IRWD Water Bank using Rosedale's unused CVC capacity. In wet years, Rosedale often does not have excess capacity to convey IRWD's supplies. As a result, IRWD is seeking to secure access to additional CVC capacity.

Pilot Program with Homer:

In 2023, a Pilot Program agreement was executed between IRWD and Homer that allowed IRWD to use Homer's CVC capacity in 2023 in exchange for IRWD allowing Homer to recharge an equal amount of water at the IRWD Water Bank. In late 2023, IRWD's use of the CVC was restricted and IRWD successfully called upon the use of Homer's CVC capacity to deliver approximately 1,800 acre-feet (AF) of water to the IRWD Water Bank. Homer has through the end of 2024 to recharge a like amount of water at the IRWD Water Bank. The recharge of Homer's water will occur after all other IRWD program recharge needs have been met. Based on the success of the Pilot Program, staff has been working with Homer to develop a longer-term Water Management Program. Staff has prepared draft terms for the proposed Water Management Program as described below.

Water Management Program Terms:

The proposed Water Management Program would provide for a capacity exchange similar to the Pilot Program as well as water exchange transactions on a 1-for-1 basis consistent with the terms provided as Exhibit “A”. Both types of exchanges would be managed under one Water Management Program Agreement. A diagram of the two types of exchanges is provided as Exhibit “B”. The following is a description of the two types of exchanges.

Capacity Exchange:

The Water Management Program would include a capacity exchange that would allow IRWD to use Homer’s CVC capacity to deliver up to a total of 8,000 AF of IRWD secured water supplies to the IRWD Water Bank over the first six years of the program. After IRWD’s use of Homer’s CVC capacity in any year, Homer would be able to recharge an equal amount of its water at the IRWD Water Bank by the end of the following year. The recharge of Homer’s water would be subject to actual recharge rates and other scheduled IRWD program deliveries.

By the end of the third year following the recharge of Homer’s water at the IRWD Water Bank, Homer would either obtain approval to transfer its stored water, net of losses, to another water banking program, or IRWD would recover the water for Homer by pumping wells at the IRWD Water Bank. The recovery of Homer’s water would occur after all other IRWD program recovery needs have been met. All of Homer’s water would be returned to Homer by the end of the term of the Program, which would be December 31, 2033. The capacity exchange component of the Water Management Program would only be triggered when IRWD calls for the use of Homer’s CVC capacity and Homer has secured approval for IRWD’s use of that CVC capacity.

Water Exchange Transactions:

The Water Management Program would also allow for 1-for-1 water exchange transactions where IRWD would provide Homer with up to 8,000 AF of non-SWP water from IRWD’s Water Bank in exchange for an equivalent amount of future SWP Table A water available to Homer. The SWP water would be transferred to IRWD through Metropolitan Water District or another SWP Contractor willing to act on IRWD’s behalf. Subject to availability of IRWD’s non-SWP water and recovery capacity at the IRWD Water Bank, a water exchange would be triggered when Homer requests and IRWD agrees to provide non-SWP water to Homer. Homer may request non-SWP water from IRWD through the end of the seventh year of the program. The SWP water must be transferred to IRWD within three years of Homer taking delivery of non-SWP water.

The proposed Water Management Program would be mutually beneficial to IRWD and Homer. Staff recommends that the Board authorize the General Manager to execute a Water Management Program Agreement with Homer based on the draft terms presented in Exhibit “A”.

FISCAL IMPACTS:

Under the proposed Water Management Program, IRWD and Homer would each pay the recharge and recovery costs associated with their share of water delivered into storage at the IRWD Water Bank. IRWD would only pay CVC power costs for the proportional use of Homer's CVC Capacity.

ENVIRONMENTAL COMPLIANCE:

Final Environmental Impact Reports for the Strand Ranch and Stockdale Integrated Banking Project were prepared, certified, and approved in compliance with the California Environmental Quality Act (CEQA) of 1970 as amended, codified at California Public Resources Code Sections 2100 et, seq., and the State CEQA Guidelines in the Code of Regulations, Title 14, Division 6, Chapter 3. Rosedale, as lead agency, filed Notices of Determination for both the Strand Ranch and Stockdale Integrated Banking Projects with the County of Kern. IRWD, as a responsible agency, filed Notices of Determination with the County of Orange and with the County of Kern. Homer will be responsible for any necessary environmental review for Homer's delivery of Homer's water to and from the IRWD Water Bank.

COMMITTEE STATUS:

This item was reviewed at the February 15, 2024, Supply Reliability Programs Committee Meeting.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A WATER MANAGEMENT PROGRAM AGREEMENT WITH HOMER LLC BASED ON THE TERMS PRESENTED, SUBJECT TO SUBSTANTIVE CHANGES APPROVED BY THE SUPPLY RELIABILITY PROGRAMS COMMITTEE AND SPECIAL LEGAL COUNSEL.

LIST OF EXHIBITS:

Exhibit "A" – Draft terms for a Water Management Program Agreement between IRWD and Homer LLC

Exhibit "B" – Diagram of Water Management Program

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Exhibit “A”

Draft Terms for a Water Management Program
Between Irvine Ranch Water District and Homer LLC
February 15, 2024

| | |
|--|---|
| <p>Parties</p> | <p>The Irvine Ranch Water District (IRWD) and Homer LLC</p> |
| <p>Existing Water Banking Facilities and Capacities</p> | <p>The IRWD Water Bank, located in Kern County, is owned by IRWD and operated by Rosedale-Rio Bravo Water Storage District. IRWD holds first priority rights to the use of the recharge and recovery facilities within the IRWD Water Bank and at least 200 cubic feet per second (cfs) of turnout capacity available on the Cross Valley Canal (CVC). IRWD’s first priority recharge rights may be superseded when the Kern River Watermaster offers water to all takers willing to sign a notice/order or when Kern River water is offered to the California Aqueduct/Kern River Intertie or when it is expected to be delivered out-of-county.</p> <p>Homer has the right to the use of at least 200 cfs of CVC Capacity held by the Lower-Tule River Irrigation District & Pixley Irrigation District. Homer also has State Water Project (SWP) Table A supplies available to it through its land holdings within Berrenda Mesa Water District, a member unit of the Kern County Water Agency (KCWA).</p> |
| <p>Description</p> | <p>IRWD and Homer plan to implement a Water Management Program that would facilitate a capacity exchange in facilities and 1-for-1 water exchange transactions.</p> <p>The capacity exchange would allow IRWD to use Homer’s CVC capacity, subject to Homer’s first priority use of its CVC capacity, to deliver up to a cumulative total of 8,000 AF of IRWD Water to the IRWD Water Bank. In exchange, IRWD would allow Homer to recharge an equivalent amount of Homer Water at the IRWD Water Bank. Homer Water would be returned to Homer as Return Water as described below. The implementation of the capacity exchange would be triggered when IRWD calls, and Homer gets all approvals needed, for IRWD’s use of Homer’s CVC capacity. Homer will secure approvals for IRWD’s use of Homer’s CVC capacity in accordance with Agency Coordination described below.</p> <p>IRWD may call upon use of Homer’s CVC capacity through the end of the sixth year of the program. After IRWD’s use of Homer’s CVC capacity in any year, Homer would be able to recharge an equal amount of its water at the IRWD Water Bank by the end of the following year. Homer Water deliveries would be scheduled after the delivery of IRWD Water and subject to actual recharge rates and IRWD’s scheduling of deliveries for other programs.</p> <p>In implementing 1-for-1 water exchange transactions, IRWD may provide Homer with up to a cumulative total of 8,000 AF of non-SWP water from the IRWD Water Bank (Exchange Water) within the first seven years of the Water Management Program. In exchange for IRWD providing this water, Homer would transfer for the benefit of IRWD, an equivalent amount of Homer’s future SWP Table A (Transfer Water) to IRWD through Metropolitan Water District of Southern California (Metropolitan) or another SWP Contractor willing to act on IRWD’s behalf. The implementation of water exchange transactions would be triggered when Homer calls for, and IRWD approves at its sole discretion, the recovery of Exchange Water.</p> |
| <p>Term</p> | <p>The term of the Program would be through December 31, 2033.</p> |

| | | |
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| Capacity Exchange | IRWD Water | For the purpose of the capacity exchange, IRWD Water is water secured by IRWD and delivered to the IRWD Water Bank using Homer’s CVC capacity. IRWD Water deliveries would be limited to a cumulative total of 8,000 AF through the end of 2029. |
| | Homer Water | For the purpose of a capacity exchange transaction, Homer Water is water secured by Homer and delivered to the IRWD Water Bank for recharge. Homer Water deliveries would be limited to the equivalent amount of IRWD Water delivered in the previous year using Homer’s CVC capacity. Homer Water will be delivered to the IRWD Water Bank by Homer using Homer’s CVC capacity in the year following the delivery of IRWD water. |
| | Return Water | As described below under Delivery of Return Water, Homer will either transfer out its Homer Water stored in the IRWD Water Bank less losses or IRWD shall return all of the Homer Water to Homer less losses (Return Water) through use of recovery wells. Return Water shall be transferred out or returned to Homer by the end of the third year following the delivery of Homer Water. All water shall be returned by the end of the Term of the Water Management Program. |
| | Delivery of Return Water | By the end of the third year after the delivery of Home Water, all Return Water shall be delivered to Homer either by (1) in-ground transfer(s) to the Rosedale, Pioneer or Berrenda Mesa banking projects (Homer’s Banking Projects), and/or by (2) IRWD utilizing its recovery well capacity in the IRWD Water Bank. Homer shall obtain all approvals for delivery by in-ground transfer(s) to Homer’s Banking Projects. If delivery is by well recovery, IRWD shall utilize its recovery well capacity to deliver Return Water after all other IRWD water banking and exchange program needs have been met including IRWD’s own. No later than May 1 of each year during the term of this agreement, Homer shall provide IRWD with a schedule requesting delivery for Return Water in that year. Return Water would be recovered and delivered at an annual rate of not more than one-third of the most current amount of Homer Water delivered into storage by Homer, after losses on a first in/first out basis. The Parties will cooperate in scheduling the Return Water deliveries with deliveries associated with other IRWD banking and exchange programs. |

| | | |
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| 1-for-1 Exchanges | Exchange Water | <p>For the purpose of a 1-for-1 water exchange transaction, Exchange Water shall be non-SWP water that IRWD provides Homer from the IRWD Water Bank for use inside Kern County. Exchange Water can be delivered to Homer through the use of recovery capacity within the IRWD Water Bank or transferred in-ground to Homer as described below in Delivery Points. When requested by Homer, IRWD’s at its sole discretion may recover non-SWP water for Homer up to cumulative total of 8,000 AF through the year 2030. Delivery of Exchange Water will be for use inside Kern County and will be subject to availability of IRWD’s non-SWP water, recovery capacity at the IRWD Water Bank, and the use of the recovery capacity to meet the requirements of IRWD and its other Exchange Partners.</p> |
| | Transfer Water | <p>Transfer Water shall be equivalent to the amount of Exchange Water delivered to Homer plus an amount needed to compensate for losses as described below. Transfer Water shall be from Homer’s approved SWP Table A supplies and shall be delivered to Metropolitan or another SWP Contractor on IRWD’s behalf. Transfer water is expected to be available from Homer when the final SWP allocation for a year is 45% or greater in a given year. All Transfer Water would be delivered to IRWD by the end of the third year following delivery of Exchange Water or as mutually agreed upon by the Parties and California Department of Water Resources (DWR). Metropolitan, at its discretion, may direct the Transfer Water to be delivered to either the IRWD Water Bank or to Metropolitan's service area consistent with the Coordinated Operating, Water Storage, Exchange and Delivery Agreement that was executed by IRWD, Metropolitan and Municipal Water District of Orange County in April 2011.</p> <p>The implementation of 1-for-1 water exchange transactions would require an agreement between DWR and the participating SWP Contractors.</p> |
| | Quality | <p>The quality of IRWD Water, Homer Water and Transfer Water delivered to the IRWD Water Bank as well as Return Water and Exchange Water will be limited as follows: if and to the extent that either party delivers water to, into or through the California Aqueduct, the quality of water shall meet the water quality standards established by DWR for pump-into the California Aqueduct.</p> |
| | Delivery Points | <p>The Point of Delivery for the Homer Water, IRWD Water, and Transfer Water under this program shall be at an IRWD Water Bank Turnout on the CVC or any other location available to Rosedale. The Point of Delivery for the Return Water and Exchange Water shall be at an IRWD Water Bank Turn-in to the CVC. The Point of Delivery for Return Water or Exchange Water transferred in-ground would be a designated Homer Banking Project approved by the Kern Fan Monitoring Committee.</p> |

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| <p>Losses</p> | <p>Water banking losses shall be applied to IRWD Water, Homer Water and Transfer Water (estimated to be 15%). Exchange Water provided by IRWD to Homer is net of losses, therefore Transfer Water delivered to the IRWD Water Bank must include additional amounts to account for 15% losses. Homer and IRWD each may incur additional conveyance losses of 1% to 2% in the CVC for conveyance of each Party’s water, as measured and assessed by KCWA.</p> |
| <p>Recharge Costs</p> | <p>Homer shall pay all costs associated with the use of Homer’s CVC capacity, and IRWD will reimburse Homer for the CVC electricity costs to deliver IRWD Water to the IRWD Water Bank Turnouts at the CVC.</p> <p>IRWD shall pay all costs assessed to IRWD by Rosedale for recharging both Homer Water, IRWD Water and Transfer Water at the IRWD Water Bank. Homer would reimburse IRWD for costs paid by IRWD for the recharge of Homer Water. Payment of these costs would be paid upon completion of recharge of Homer Water. Costs are assessed by Rosedale consistent with that certain Water Banking and Exchange Program Agreement between Rosedale and IRWD dated January 13, 2009. These estimated costs may include Rosedale’s administrative charge of about \$3 per acre-foot (AF), third party wheeling charges assessed by KCWA of \$5 per AF (a minimum of \$7,500) as applicable, operations and maintenance (O&M) costs of about \$15 per AF, and applicable fixed and variable O&M-related IRWD Water Bank costs of about \$3 per AF, as well as any other costs assessed by Rosedale to IRWD for the recharge of Homer Water. IRWD and Homer would each be responsible for paying the KCWA transaction request fees of \$3,000 for delivery of their respective Homer Water and IRWD Water when such water is scheduled for delivery into storage. IRWD would pay the KCWA transaction request fee for the delivery of Transfer Water.</p> |
| <p>Recovery Costs</p> | <p>IRWD and Homer would each be responsible for actual costs of recovery for their own respective water either through well pumping or by exchange as assessed by Rosedale. Recovery costs associated with extraction are estimated at \$122 per AF and are comprised of average groundwater pumping costs of \$115 per AF, Rosedale’s administrative charge of about \$3 per AF, and applicable fixed and variable O&M Water Bank costs of about \$4 per AF. Homer would reimburse IRWD for its costs upon delivery of Return Water and Exchange Water to Homer. Each party will also be responsible for paying the KCWA transaction request fee of \$3,000 when their water is scheduled for recovery. Homer would pay the KCWA transaction request fee when Exchange Water is scheduled for recovery.</p> <p>IRWD and Homer would each be responsible for their proportional share (based on water recovered for each Party) of any costs assessed by Rosedale under its Long-Term Operations Plan for implementing provisions to prevent impacts from recovery operations. It is expected that banking projects, such as the IRWD Water Bank, may be required to contribute \$2.00 per AF for recovered water to a fund, which may be used to meet mitigation obligations.</p> <p>Homer shall be responsible for any costs assessed for an in-ground transfer of Return Water or Exchange Water to a Homer Banking Project.</p> |

| | |
|--|---|
| <p>SWP Variable OMP&R Costs</p> | <p>IRWD and Homer will each pay the DWR Variable Operation, Maintenance, Power, and Replacement (OMP&R) charges estimated at \$30 per AF associated with the delivery to the IRWD Water Bank of water for Homer or water for IRWD when such water is State Water Project (SWP) water. For delivery of water to Homer, Homer will pay any associated DWR Variable OMP&R charges. Each party will pay their own conveyance costs, including operations, maintenance, power and replacement costs, associated with delivery of any non-SWP water supply.</p> |
| <p>Agency Coordination</p> | <p>IRWD and Homer would cooperate with DWR and KCWA in preparing all necessary agreements and approvals to facilitate the Program. IRWD and Homer shall each be responsible for their own costs associated with such coordination.</p> <p>Homer would be responsible for securing all approvals in Kern County for IRWD’s use of Homer’s CVC capacity. Homer will use best efforts to secure such approvals within 15 days of IRWD’s call on the use of Homer’s CVC Capacity.</p> <p>Homer shall coordinate with KCWA for the conveyance of Homer Water, Return Water, Exchange Water and Transfer Water utilizing Homers CVC capacity. Homer shall coordinate any required agreements or approvals at DWR, KCWA, and any SWP Contractor or other agency acting on Homer’s behalf in implementing the Water Management Program.</p> |
| <p>Environmental Compliance</p> | <p>Both parties shall comply with the California Environmental Quality Act (CEQA) and cooperate with one another with respect to CEQA compliance that may be required by the DWR for the proposed Program. IRWD has already conducted an environmental review under CEQA for the Strand and Stockdale Integrated Banking Projects that takes into consideration the delivery, storage and recovery of SWP and non-SWP water. Rosedale certified and IRWD approved the CEQA documents for the Strand and Stockdale Integrated Banking Projects. Corresponding Notices of Determination were filed by both Rosedale and IRWD. Both IRWD and Homer shall each be responsible for any other environmental review or permitting necessary to implement the Program within their own respective service areas. Homer shall be responsible for any necessary environmental review for Homer’s delivery of Homer’s water to and from the IRWD Water Bank.</p> |
| <p>Water Rights</p> | <p>It is expressly agreed, understood, and acknowledged by IRWD and Homer that any recharge or recovery of water for Homer or the transfer of water to a Homer Banking Project will not result in or be considered a sale or transfer of Homer’s or IRWD’s contractual rights to water or a sale or transfer of IRWD’s ownership in the IRWD Water Bank.</p> |
| <p>General Expenses</p> | <p>Each Party would be responsible for its own fees and expenses arising out of the negotiation and execution of the Water Management Program Agreement, obtaining necessary approvals, and the like.</p> |

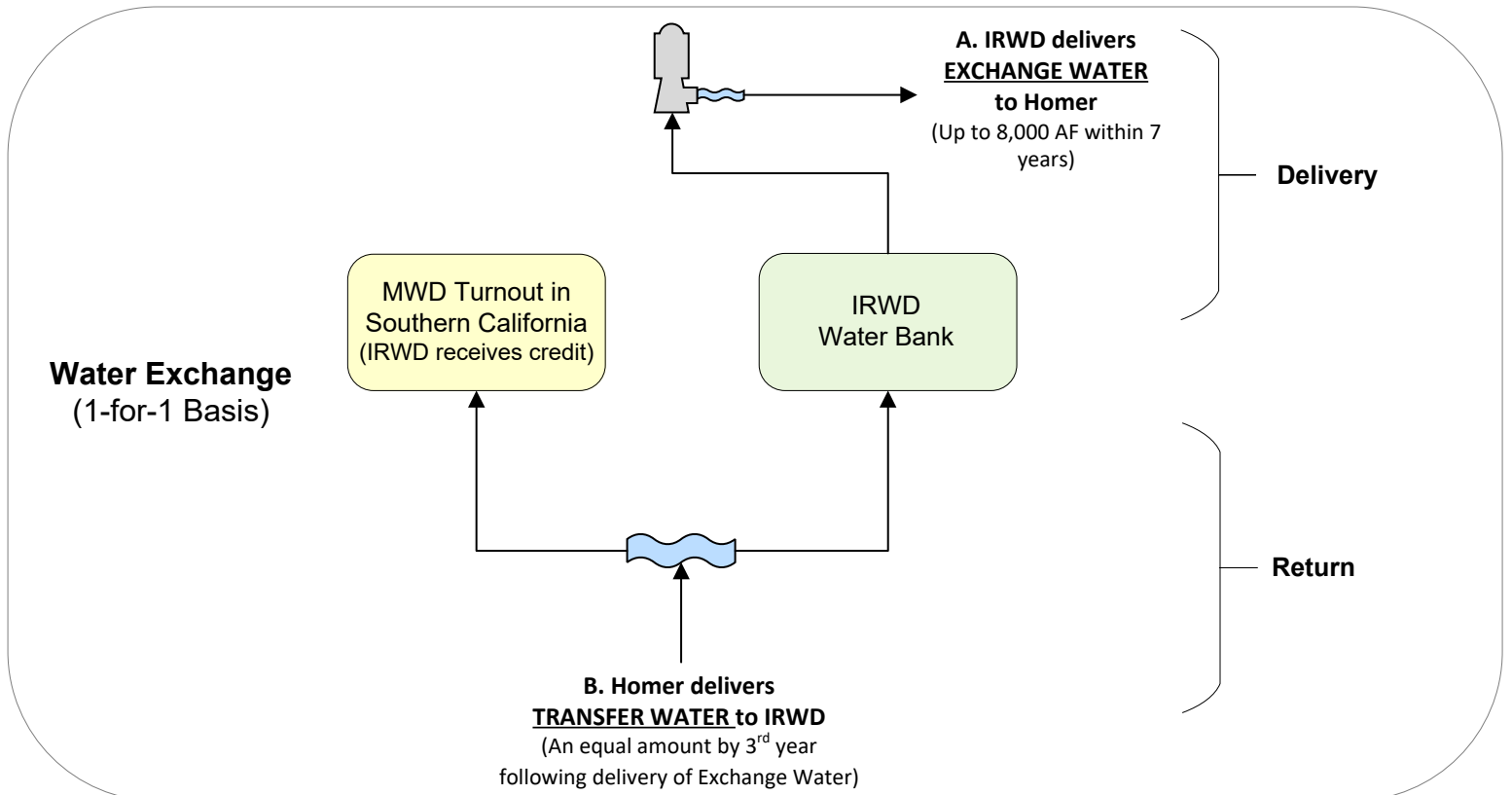
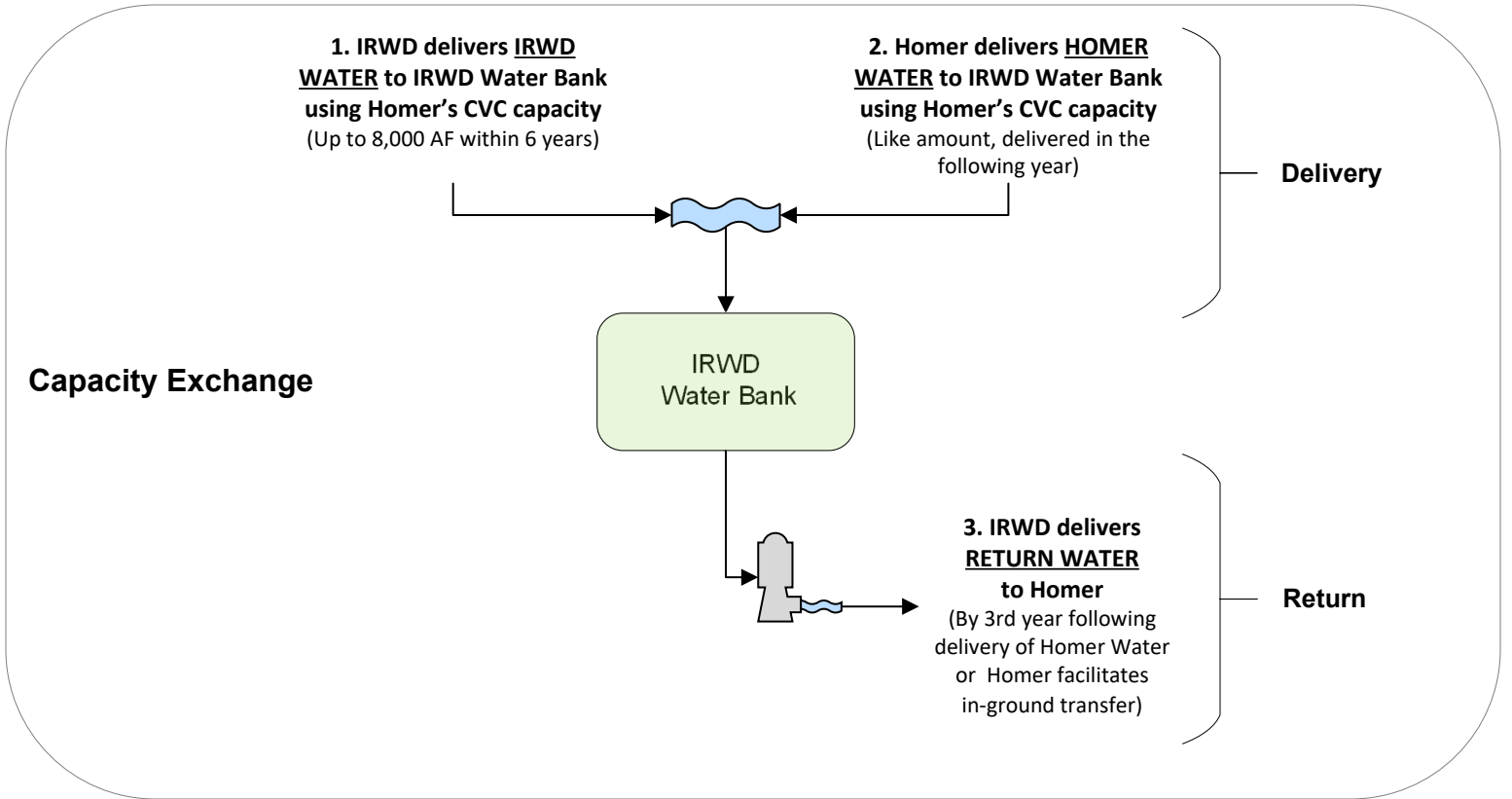
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Exhibit "B"

Water Management Program with Homer LLC

Effective March 2024 through 12/31/2033

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March 11, 2024

Prepared by: T. Foo / M. Cortez

Submitted by: K. Burton

Approved by: Paul A. Cook 

ACTION CALENDAR

WELLS 6, 12, 14, AND 15 SITE IMPROVEMENTS CONSULTANT SELECTION

SUMMARY:

The Dyer Road Wellfield (DRWF) provides a critical local groundwater source for IRWD's potable water supply. Many of the well sites have obsolete, deteriorating, non-compliant equipment, and components that require replacement. Under this first of several projects, four of the DRWF wells (Wells 6, 12, 14, and 15) will be rehabilitated to meet current IRWD standards. Staff recommends that the Board authorize the General Manager to execute a Professional Services Agreement with Tetra Tech in the amount of \$1,094,000 to provide engineering design services for the Wells 6, 12, 14, and 15 Site Improvements.

BACKGROUND:

IRWD has 18 potable water wells within its DRWF that produce groundwater from the Orange County Groundwater Basin. Sixteen of the DRWF wells collectively produce approximately 28,000 acre-feet per year from the principal aquifer. The water quality of these 16 wells exceeds potable water quality standards and does not require treatment other than chloramination. Wells 6, 12, 14, and 15 were constructed in 1994, 1983, 1987, and 1991, respectively, and have not had any major facility upgrades since.

In 2021, IRWD retained Hazen & Sawyer to develop the "IRWD Well Condition Assessment." As part of this project, Hazen performed a condition assessment of the existing assets at many of the groundwater well sites owned and operated by IRWD, including the 16 DRWF wells. The condition assessment identified several electrical, heating, ventilation, and air conditioning (HVAC), and instrumentation and control (I&C) assets that were in poor condition and in need of replacement. In 2023, IRWD retained Dudek to prepare the "Wellhead Rehabilitation Program Development" report, which assigned well condition scores and prioritized the wellhead rehabilitation projects into two groups: Group 1 well sites needed HVAC and electrical improvements and Group 2 well sites did not. The top four well sites that had the highest well condition scores in Group 1 were Wells 6, 12, 14, and 15.

The scope of work for the Wells 6, 12, 14, and 15 Site Improvements project includes project management, the development of a preliminary design report (PDR), preparation of design documents, and bid assistance. The consultant is responsible for conducting a supplemental condition assessment to augment Hazen's previous assessment and providing rehabilitation recommendations in a PDR for all assets that are poor, obsolete, non-compliant, and/or have outlived their useful service life. The assets include electrical, supervisory control and data acquisition (SCADA), HVAC, civil, mechanical, and structural facilities. This project will not rehabilitate or replace components of the downhole well, well pump, and well motor. The final design documents will be based on the recommendations and design criteria provided in the PDR.

Consultant Selection:

In January 2024, staff issued a Request for Proposal for the design services to five consultants: AECOM, Cannon Corporation, Tetra Tech, West Yost Associates, and Woodard & Curran. AECOM and West Yost Associates declined to submit a proposal citing staffing limitations. Staff evaluated the proposals received and based on their respective project approaches, engineering effort, and the strength of their team and relevant experience, staff recommends the selection of Tetra Tech as discussed below.

Engineering Effort: Tetra Tech, Cannon Corporation, and Woodard & Curran each presented a strong understanding of project requirements. Staff expects the engineering effort required for this project to be high due to the age of the facilities, the number of components to be evaluated, and the coordination effort needed with several IRWD departments and Southern California Edison. Tetra Tech, Woodard & Curran, and Cannon proposed approximately 5,700 work hours, 5,050 work hours, and 2,900 work hours, respectively. Staff believes a rigorous effort is needed to prepare the PDR and final design package for all four wells and will likely take closer to the upper limit of 5,700 hours proposed by Tetra Tech. The proposed final design set sheet count for Tetra Tech is 117 sheets, and their fee is \$1,094,000. Woodard & Curran proposed 5,050 work hours, 157 sheets, and a fee of \$1,552,934. Cannon Corporation proposed 2,900 hours, 124 sheets, and a fee of \$806,436.

Project Team and Experience: Tetra Tech's design team has extensive relevant experience on previous IRWD projects with electrical and SCADA improvements, including the Dyer Road Wellfield Surge Tanks and several pump station projects. Comparatively, Cannon Corporation and Woodard & Curran have little to no experience on electrical projects with the District. In addition, Woodard & Curran's key personnel are out of state or from northern California, whereas Tetra Tech's entire design team is local to the area.

The consultant evaluation matrix is provided as Exhibit "A", and Tetra Tech's proposal and fee is provided as Exhibit "B".

FISCAL IMPACTS:

Wells 6, 12, 14, and 15 Site Improvements, Project 11570, is included in the Fiscal Year 2023-24 Capital Budget. The current budget and Expenditure Authorization are sufficient for this work.

ENVIRONMENTAL COMPLIANCE:

This project is subject to the California Environmental Quality Act (CEQA). In conformance with the California Code of Regulations Title 14, Chapter 3, Section 15004, the appropriate environmental document will be prepared when "meaningful information" becomes available. It is expected that preliminary analysis will lead to the preparation of a Notice of Exemption for the project.

COMMITTEE STATUS:

This item was reviewed at the February 20, 2024, Engineering and Operations Committee meeting.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH TETRA TECH IN THE AMOUNT OF \$1,094,000 TO PROVIDE ENGINEERING DESIGN SERVICES FOR THE WELLS 6, 12, 14, AND 15 SITE IMPROVEMENTS, PROJECT 11570.

LIST OF EXHIBITS:

Exhibit "A" – Consultant Selection Evaluation Matrix

Exhibit "B" – Tetra Tech's Proposal and Fee

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PR 11570 Wells 6, 12, 14, and 15 Site Improvements
Consultant Selection Matrix

| | Weights | Cannon Corporation | | Tetra Tech | | Woodard & Curran | |
|---|---------|--|----------|---------------------|-----|----------------------------|-----------|
| TECHNICAL APPROACH | | | | | | | |
| *Overall Project Understanding | 25% | 1 | | 2 | | 3 | |
| *Condition Assessment Approach | 25% | 2 | | 1 | | 3 | |
| *Design Approach | 25% | 3 | | 1 | | 2 | |
| *Experience | 25% | 3 | | 1 | | 2 | |
| <i>Forced Ranking System: 1- Best, 2- Second Best, etc.</i> | | | | | | | |
| Weighted Score | | 2.25 | | 1.25 | | 2.50 | |
| CONSULTANT RANKING | | | | | | | |
| | | 2 | | 1 | | 3 | |
| Team Members | | | | | | | |
| | | | Yrs | | Yrs | | Yrs |
| Project Manager | | Gary Roepke | >50 | Tom Epperson | 42 | Mirko Maher | 25 |
| Project Engineer | | | | Laurence Esguerra | 20 | Asa Carrasco | >25 |
| QC/QA | | Eric Porkert | 32 | Mark Bush | 28 | Xavier Irias | >35 |
| Civil | | Mike Kielborn Tina Kuah Anthony Severy | 24 20 | Matt Vera | 10 | Chris Dorn | 7 |
| Structural | | Marshall Pihl Jesse Morales | >30 | Eric Yuen | 16 | Jim Sturgis Tom Scalese | >35 14 |
| HVAC | | Curesh Engineering* | | Luke Ramirez | 20 | Vincent Grassi | >20 |
| Mechanical | | See Civil | | See Civil | | Steve Robbins | 20 |
| Electrical | | Derek Romer Alex Maestre | 29 6 | Mazen Kassar | 31 | Donna Rammell | 35 |
| I&C | | Mehdi Ahmadi Jeff Spannbauer | 18 28 | Mazen Kassar | 31 | Kyle Tracy | 30 |
| Pipe Assessment | | V&A* | | | | V&A Engineering* | |
| Potholing (Optional) | | C-Below* | 16 | | | T2 Utility Engineers* | |
| Surveying/ Mapping (Optional) | | Paul Seroka | 22 | Metz Surveying | | Calvada Surveying* | |
| Geotechnical (Optional) | | Ninyo & Moore* | 27 | Leighton Consulting | | Ninyo & Moore* | |
| 3D Laser Scanning (Optional) | | | | | | Matterport* | |
| Scope of Work | | | | | | | |
| | | Workhours | | Workhours | | Workhours | |
| Task 1 Project Management | | 453 | | 290 | | 560 | |
| Task 2 Preliminary Design Report | | 596 | | 1,666 | | 1,140 | |
| Task 3 Final Design | | 2,297 | | 4,030 | | 3,908 | |
| TOTAL FINAL DESIGN HOURS | | 3,346 | | 5,986 | | 5,608 | |
| Task 4 Period Bid Assistance | | 76 | | 56 | | 64 | |
| Total Hours | | 3,422 | | 6,042 | | 5,672 | |
| Final Design Plan Set Sheets | | | | | | | |
| General | | 4 | | 19 | | 4 | |
| Site/Piping | | 16 | | 18 | | 12 | |
| Structural | | 12 | | 12 | | 15 | |
| Mechanical | | 8 | | 12 | | 16 | |
| HVAC | | 28 | | 12 | | 38 | |
| Electrical | | 40 | | 32 | | 36 | |
| Instrumentation | | 16 | | 12 | | 36 | |
| Total Sheet Count | | 124 | | 117 | | 157 | |
| Final Design Hours/Sheet | | | | | | | |
| | | 19 | | 34 | | 25 | |
| Kickoff Meeting | | 1 | | 1 | | 1 | |
| PDR Meetings | | 13 | | 10 | | 10 | |
| Design Meetings | | 6 | | 4 | | 4 | |
| Total Meetings | | 20 | | 15 | | 15 | |
| FEE | | | | | | | |
| Project Management | | \$98,080 | | \$78,000 | | \$171,404 | |
| Preliminary Design Report (PDR) | | \$179,936 | | \$280,000 | | \$358,733 | |
| Final Design | | \$456,336 | | \$672,060 | | \$925,572 | |
| Services During Bid Assistance | | \$15,974 | | \$11,800 | | \$17,243 | |
| Optional Services | | \$56,110 | | \$52,140 | | \$79,982 | |
| Total Fee w/o Optional Services | | \$750,326 | | \$1,041,860 | | \$1,472,952 | |
| Total Fee w/Optional Services | | \$806,436 | | \$1,094,000 | | \$1,552,934 | |
| Total Sheet Count | | 124 | | 117 | | 157 | |
| Final Design Cost/sheet) | | \$3,680 | | \$5,744 | | \$5,895 | |
| Fee/Workhour (w/o Optional) | | \$219 | | \$172 | | \$260 | |
| Professional Liability Insurance | | Yes | | Yes | | Yes | |
| General Liability Insurance | | Yes | | Yes | | Yes | |

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Proposal for Engineering Design Services Wells 6, 12, 14, and 15 Site Improvements

January 31, 2024

Prepared for:



3512 Michelson Drive
Irvine, CA 92612

Prepared by:



17885 Von Karman Ave., Suite 500
Irvine, CA 92614
949.809.5000



January 31, 2024

Tiffany Foo, PE, Project Manager
Irvine Ranch Water District
3512 Michelson Drive
Irvine, CA 92612

Transmitted via email: foo@irwd.com

**Reference: Proposal for Engineering Design Services
Wells 6, 12, 14, and 15 Site Improvements (PR 11570)**

Dear Ms. Foo,

Thank you for the opportunity to submit our proposal to provide engineering design services for Irvine Ranch Water District's Wells 6, 12, 14, and 15 Site Improvements project. Tetra Tech appreciates the relationship that has been built with the District during our past projects and looks forward to continuing and expanding this association in the future. We have an outstanding team, which combines the experience, depth, and understanding needed for the successful delivery of this project. Our project team brings the following distinct advantages to the District:

- ▶ **Extensive IRWD Pump Station/Wells Design Experience:** Tetra Tech has previously designed over eight (8) pump stations and ten (10) well facilities for IRWD. We know IRWD's well facility design, preferred materials, operational preferences, electrical and P&ID standards which allow us to deliver a complete design in the most cost-effective manner.
- ▶ **Previous IRWD Experience with Dyer Road Well Field:** Tetra Tech completed the design, bidding and construction support services for the Dyer Road Well Field Surge Tank which included installation of new surge tanks at Wells 5 and 7 and replacement of existing surge tanks at Wells 11 and 15.
- ▶ **In-House Structural, HVAC, Electrical/SCADA, and Instrumentation Control Capabilities:** Tetra Tech has our own in-house registered structural, HVAC, electrical, and instrumentation control engineers who have worked together as a team on numerous projects for the District.
- ▶ **Dedication to the District:** Our approach will include a "teamwork and partnering" relationship. We will do this by exceeding your expectations through innovative and smart solutions, attention to detail, and our understanding of the District's design processes and requirements.

Our project team is committed to the success of this project, and we endeavor to exceed your expectations in delivering the services outlined in our proposal. Should you have any questions regarding our proposal, please feel free to contact me at (949) 809-5156 or via email at tom.epperson@tetrattech.com.

Sincerely,

A handwritten signature in blue ink that reads 'Tom Epperson'.

Tom Epperson, PE
Vice President

M:\Marketing\Proposals\FY 2024\IRWD_Wells Site Improvements

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FIRM OVERVIEW

Founded in 1966, Tetra Tech is a nationally recognized engineering and resource management firm of more than 27,000 engineers, scientists, construction specialists, and technical support personnel in 550 offices worldwide. Listed on the NASDAQ Exchange (TTEK), Tetra Tech's annual revenues now exceed \$4.5 billion (2023). Thus, we are in an excellent financial position and can provide the necessary resources to rapidly deploy and meet aggressive project schedules.

Tetra Tech consistently ranks among the top engineering firms annually according to the *Engineering News-Record*. Our reputation as a leader in consulting engineering is validated by Top 10 ratings annually by ENR. **In 2023, Tetra Tech was ranked #1 in the water service industry for the 20th year in a row!**

Tetra Tech's goal is to provide the necessary expertise and resources to deliver projects on time, within budget, and in compliance with the design and construction standards of our clients and approval agencies. Leveraging our national presence, multi-disciplinary team, and client focused service, we apply lessons learned from our vast experience to each and every challenge. Clients benefit from this approach with consistently high-quality service, innovative designs, and functional solutions that are responsive to their needs and often exceed their expectations. A cornerstone of our success is our client-focused service, staff qualifications, firm commitment, and desire to successfully complete each assignment to the satisfaction of our clients.

DEDICATION TO THE DISTRICT

Tetra Tech is dedicated to Irvine Ranch Water District (IRWD/District) as illustrated in working together on more than 30 projects for IRWD during the last 20 years. Our approach will include a teaming and partnering relationship with the District. We will strive to exceed your expectations through proactive project management, strong quality control measures, attention to detail, extensive design experience, close communication, and schedule and budget management.

PROJECT UNDERSTANDING

The District has 16 potable water wells within its Dyer Road Well Field (DRWF) that produce groundwater from the Orange County Groundwater Basin. The DRWF wells collectively produce approximately 28,000 acre-feet per year at 35,900 gallons per minute from the principal aquifer of the Main Basin. The water quality of these 16 wells exceeds potable water quality standards and does not require treatment other than chloramination.

In 2021, IRWD retained Hazen & Sawyer (Hazen) to develop the "IRWD Well Condition Assessment Project." As part of this project, Hazen performed a condition assessment of the existing assets at many of the groundwater well sites owned and operated by IRWD, including the 16 DRWF wells. The condition assessment identified several electrical, heating, ventilation, and air conditioning (HVAC), and instrumentation and control (I&C) assets that were in poor condition and in need of replacement.

In 2023, IRWD retained Dudek to prepare the "Wellhead Rehabilitation Program Development" report, which prioritized the wellhead rehabilitation projects.

This Project will design and provide construction improvements at DRWF Wells 6, 12, 14, and 15 to replace existing facility components (e.g., HVAC, electrical, supervisory control, and data acquisition (SCADA), civil, mechanical, and structural) that are poor, obsolete, non-compliant, and/or have outlived their useful service life. DRWF Wells 6, 12, 14, and 15 were constructed in 1994, 1981, 1987, and 1991, respectively. This project **will not** rehabilitate or replace components of the downhole well, well pump, and well motor at this time.

The following are the addresses of the wells included within this Project:

- Well 6: 2500 S. Garnsey
- Well 12: 3000 W. Harvard
- Well 14: 2922 W. Warner
- Well 15: 2512 W. Warner



APPROACH

Why Tetra Tech

Our extensive experience with similar projects will ensure that IRWD will receive a high level of service delivered by qualified, knowledgeable engineering professionals. Highly meticulous and coherent plans and specifications greatly benefit all project stakeholders, with the largest benefit realized by the Owner. Quality contract documents clearly lead to a larger number of bidders, lower competitive bid prices due to increased competition, the contractor has less to assume and take the risk for, and a greater overall comfort level in our design based on a long history of successful projects, and lowest overall cost while achieving a very high-quality end product. Quality contract documents mitigates the potential, and impact of change orders, and sets forth a standard of quality the contract must achieve.

Tetra Tech’s team brings the following advantages to the District for the Wells 6, 12, 14, and 15 Site Improvements project:

- **Extensive IRWD Pump Station/Wells Design Experience**
Tetra Tech **has previously designed over eight (8) pump stations and ten (10) well facilities for IRWD.** We know IRWD’s well facility design, preferred materials, operational preferences, electrical and P&ID standards which allow us to deliver a complete design in the most cost-effective manner.

- **Previous IRWD Experience with Dyer Road Well Field**
Tetra Tech completed the design, bidding and construction support services for the Dyer Road Well Field Surge Tank which included installation of new surge tanks at Wells 5 and 7 and replacement of existing surge tanks at Wells 11 and 15.
- **In-House Structural, HVAC, Electrical/SCADA, and Instrumentation Control Capabilities**
Tetra Tech has our own in-house registered structural, HVAC, electrical, and instrumentation control engineers who have worked together as a team on numerous projects for the District.
- **Dedication to the District**
Our approach will include a “teamwork and partnering” relationship. We will do this by exceeding your expectations through innovative and smart solutions, attention to detail, and our understanding of the District’s design processes and requirements.

General Approach

Tetra Tech fully understands the importance of your project. We are offering an outstanding team, which combines the experience, depth, and understanding needed for the successful delivery of this project. Our core principles establish how we plan to work together with IRWD to successfully complete this project:

| | |
|---|---|
| ✓ | Service: Tetra Tech puts its clients first. We listen to and better understand our clients’ needs and deliver smart, cost-effective solutions that meet those needs. Our philosophy is to “Do it Right.” |
| ✓ | Value: Tetra Tech takes on our clients’ problems as if they were our own. We develop and implement real-world solutions that are cost-effective, efficient, and practical. |
| ✓ | Excellence: Tetra Tech brings superior technical capability, disciplined project management, and excellence in safety and quality to all of our work. |
| ✓ | Opportunity: Our people are our number one asset. Our workforce is diverse and includes leading experts in our fields. Our entrepreneurial nature and commitment to success provides challenges and opportunities. |

We value the relationship that has been established with IRWD and look forward to continuing and further developing this association in the future. We are committed to providing IRWD with the same

high-quality service you expect and deserve. Our strength lies in our proven track record that has led to successful completion of multiple projects for IRWD as well as other nearby agencies.

UNDERSTANDING THE KEY ISSUES

The following is a brief summary of the assets at each of the well sites that were average, fair or poor

based on Hazen’s “IRWD Well Condition Assessment Project” and Dudek’s “Wellhead Rehabilitation Program Development”.

| Asset Description | Well 6 | Well 12 | Well 14 | Well 15 |
|-----------------------------------|---------------|---------|---------------|-----------------------|
| Interior Lighting | Fair | Average | Average | Average |
| Exterior Lighting | Average | -- | Average | Fair |
| Main Disconnect Switch | Fair | Fair | Fair | -- |
| MCC Cabinet | Fair | Fair | Fair | Fair |
| Soft Start | Average | Fair | Poor | Fair |
| 4160 V Transformer | Average | -- | -- | -- |
| Main Switch Board | Fair | Fair | Fair | Poor (and breaker) |
| Building Cooling System | Poor | Poor | Poor | Poor |
| SCADA System | Poor | Poor | Poor | -- |
| Fencing and Gates | Average | Average | Average | -- |
| Roof Hatch | Average | -- | -- | -- |
| Pavement | Average | Average | Poor | -- |
| UPS | Average | Average | Average | Average |
| Flow/Pressure Switches | Poor/Average | -- | Fair | |
| Protection Relay | Average | Average | -- | Average |
| Flow Switch | -- | -- | -- | Average |
| Pressure/Level Transducers | Average | Average | Fair | Average (level) |
| Flow Meter/Level/Pressure Display | Average/Fair | Average | Fair | Average |
| Air Release Valves | Average | Average | Average | Average/Fair |
| Double Check Assembly | Average | Average | Average | Average |
| Flow Meter | Average (16") | Average | Average (12") | Average |
| Pressure Relief Valve | Average | Average | Fair | Average |
| Circulating Pump | -- | Average | Average | Average |
| Isolation Valves | Average | Average | Average | Average |
| Check Valve | Average | Average | Average | Average |
| Valve Actuator | Average | Fair | Fair | Average |

PROJECT MANAGEMENT

Over the years, Tetra Tech has established well defined, rigorous procedures for project management. These techniques have been developed and refined and have contributed to our success and reputation. The keys to our project management system are communications, project planning, monitoring, and quality assurance.

The Tetra Tech team’s goal is to keep IRWD staff “in the loop” from day one of the project.

Communication tools include the formal progress reports afforded through our project management system and an informal give-and-take approach starting with **Tom Epperson, PE, our Project Manager** and **Laurence Esguerra, PE, our Team Leader** and extending to every member of our project team.

We will use the entire communication spectrum. We will conduct formal meetings with agenda and typewritten notes, and we will use informal meetings with notes to file. We will also have

documentation of telephone communications, with notes to file or letters of understanding as appropriate follow-up. Another important communication link will be our e-mail system.

We are proposing to use e-mail to keep IRWD aware of the status of the project. Weekly, Tetra Tech will prepare a brief (one or two paragraphs or bullet items) e-mail summarizing activities completed in the previous weeks; the activities planned for the upcoming weeks; any critical decisions that need to be made; and schedule of upcoming events/meetings. In addition, each month we will prepare a project status memorandum containing summary of project schedule; description of key issues/concerns which have surfaced along with proposed options and solutions; and a project status summary report showing current schedule and budget.

QUALITY ASSURANCE/QUALITY CONTROL

Tetra Tech's Quality Assurance/Quality Control (QA/QC) program and procedures grow from a business culture in which they are part of every component of program and project work. This is the result of two conditions: 1) a clear and unequivocal emphasis on proactive quality management from its corporate leadership; and 2) the use of proven project-specific quality planning, assurance, and control techniques.

Project-Specific Applications of QA/QC Techniques:

A project-specific QA/QC effort must ensure that expectations for controlling costs, schedule, and quality of work are met. This plan establishes lines of communication and procedures for ensuring quality during all phases of the project. The plan is flexible and can be modified to respond to your specific requirements, as our best efforts are fruitless unless they meet your criteria. We recognize that implementation of a QA/QC Plan will be an important element in how the IRWD assesses the success of this project.

Cost: Controlling project cost starts with good planning and management. Tetra Tech's cost control and reporting system starts during project planning with work breakdown structures (WBS) for

establishing budgets. The WBS is used to accumulate and report costs internally and to the client. Finally, an earned value management approach to assessing costs and technical completion is used to monitor budget compliance and to identify and address unanticipated costs early in the project.

Schedule: Managing a project schedule efficiently starts with a detailed critical path schedule. The schedule is developed during project planning. Milestone submittal dates and a projected project expenditure curve will be established. The schedule follows the WBS and reports the progress of cost and schedule as planned. Deviations from the schedule are highlighted during monthly reporting; changes threatening its adherence are discussed with the client and corrective action is agreed upon, if necessary.

Technical Services and Reports: QA techniques start during the planning phase, including defining the performance standards with the IRWD and identifying specific QA techniques to be used. Before a technical deliverable is released, a QC review is conducted. It involves the following: 1) an editorial review to ensure clarity and readability; 2) a technical review to ensure recommendations are supported by facts; and 3) a final quality review to ensure all agreed upon performance standards were met and the QC reviews were completed appropriately.

Continuous Improvement: Formal QA/QC reviews are scheduled around project submissions. The review will be completed well ahead of the submission date to allow time to correct potential errors and omissions, including complete subconsultant coordination. **Tom Epperson, PE, and Mark Bush, PE, our QA/QC manager,** review comments for fatal flaws. If none are found, Tom oversees the implementation of the comments by closing each comment on the form with a response and by addressing the changes on the plans by highlighting the revision. Our project team is Tetra Tech's front line for ensuring excellent quality performance. They apply these QA/QC actions to all current projects and apply lessons learned to all future projects.

SCOPE OF WORK

Members of the Project Team have performed a review of the project description and scope of work within the RFP as well as the Exhibits provided. We propose to provide the following scope of work for the preliminary design, final design and bid phase services with each phase being authorized by a separate Notice to Proceed. All work performed on this project will conform to IRWD standards and requirements including, but not limited to, the following IRWD Project Manual, IRWD Construction Manual, and IRWD Electrical and Instrumentation and Control (I&C) Design Standards.

Task 1: Project Management

Tetra Tech will complete all aspects of project management for the duration of the project including management of scope, schedule, and

budget. We will prepare weekly and monthly status reports. Each weekly status report will consist of a brief (one or two paragraphs) email summarizing the activities completed the previous week, the activities planned for the upcoming week, and critical decisions that need to be made. Each monthly status report will be submitted along with the billing invoice for that month and shall provide more detail, summarizing the work completed and reviewing work status relative to budget and schedule.

- A. Meetings:** Tetra Tech will organize, attend, and conduct meetings as required. Tetra Tech will submit meeting minutes to IRWD within one week after each meeting by email with a PDF attachment. For budgeting purposes, Tetra Tech will budget for the following meetings as a minimum.

| Meetings/Workshops (virtual unless noted otherwise) | Duration |
|--|--------------------------|
| Kickoff/Site Meeting (in-person) | One (1) 2-hour meeting |
| Condition Assessment Site Visits (in-person) | Four (4) 1-hour meetings |
| Individual Discipline Meetings (mechanical operations, electrical operations, electrical/automation, safety) | Four (4) 1-hour meetings |
| Draft Preliminary Design Report Submittal Presentation (in-person) | One (1) 2-hour meeting |
| Final Preliminary Design Report Submittal Presentation (in-person) | One (1) 2-hour meeting |
| Construction Sequencing and Commissioning | One (1) 1-hour meeting |
| 60% Draft Submittal Presentation (in-person) | One (1) 1.5-hour meeting |
| 90% Design Submittal Presentation (in-person) | One (1) 1.5-hour meeting |
| Final Submittal Meeting | One (1) 1-hour meeting |

- B. Agency Coordination:** Tetra Tech will coordinate with Southern California Edison (SCE) and identify all documentation required to potentially relocate and/or upgrade SCE’s facilities. Tetra Tech will present an estimated timeline for SCE to complete their review and work. The District will cover all associated costs owed to SCE for any improvements made by SCE.
- C. Quality Assurance/Quality Control (QA/QC):** Tetra Tech will develop and implement proven QA/QC measures throughout the Project to ensure ongoing and consistent quality control throughout all Project phases.
- D. Safety:** It is anticipated that Tetra Tech may be exposed to High Hazards as part of the Project.

High Hazards may include, but not be limited to, confined space entry, hazardous environment, and arc flash hazards during inspections or exploratory work. Tetra Tech will provide safety and other written programs applicable to the High Hazards to be encountered.

Task 2: Preliminary Design Report

Tetra Tech will produce a preliminary design report (PDR) that includes a condition assessment section, provides alternatives recommendations for upgrades and improvements, provides selections of the recommended improvements, and presents the basis of design for final design. Tetra Tech will prepare a draft PDR and final PDR for review, meeting, and revision in pdf format. Tetra Tech will include the following items in the PDR:

- A. Executive Summary:** Tetra Tech will present an overview of the major recommendations included in the PDR, total estimated construction cost per wellsite, and expected design and construction timeframes.
- B. Condition Assessment:** Tetra Tech will conduct a supplemental condition assessment of all equipment and site features required to operate Wells 6, 12, 14, and 15 through site visits and review of existing documentation. Prior to each site visit, Tetra Tech will create a plan in advance of any testing and/or assessment and indicate which personnel need to be in attendance. Tetra Tech will indicate the remaining service life of each asset and document their findings and assessment in a Condition Assessment Memorandum. A draft shall be submitted for review in pdf format, and the final version shall be incorporated into the Preliminary Design Report. As a minimum, Tetra Tech will incorporate and consider the following in their Memorandum:
- Review of Background Material: Review background material for the Project, including but not limited to record drawings, "IRWD Well Condition Assessment Project," "Wellhead Rehabilitation Program Development" report, maintenance records, pressure surge analysis report, IRWD General Design Requirements, and IRWD Standard Drawings.
 - Electrical: Tetra Tech will evaluate all electrical equipment including, but not limited to, motor control centers (MCCs), switchboards or switchgears, main disconnect switches, soft starters, protection relays, lighting, and uninterrupted power supplies. Electrical equipment shall be evaluated based on their age, code compliance, safety, availability of replacement parts, performance, and condition. IRWD desires to relocate the MSB outside of the well building if feasible. This will need coordination with SCE.
 - Mechanical Utilities (HVAC): Tetra Tech will evaluate all HVAC systems for dependability, performance, and effectiveness. Many well sites have an ineffective HVAC system that utilizes the well discharge as cooling water, and IRWD desires to replace these systems with Title-24 compliant, effective HVAC systems. All well sites will need new HVAC systems.
 - Instrumentation and Control (I&C): Tetra Tech will evaluate all SCADA equipment including, but not limited to, programmable logic controllers (PLCs), telemetry, relays, switches, transmitters, and transducers for age, District standards, safety, availability of replacement parts, performance, and condition.
 - Mechanical: Tetra Tech will evaluate all mechanical equipment including, but not limited to, valves, meters, actuators, piping and fittings, couplings, and pipe supports for leakage, corrosion, age, performance, and condition. Tetra Tech will test the pipeline coatings and thickness. The District is not seeking to replace the well pumps as part of this project; however, Tetra Tech will evaluate the condition of the above-grade features of the pump as part of this condition assessment.
 - Structural: Tetra Tech will evaluate all structural features, including the condition of wellsite buildings.
 - Civil: Tetra Tech will evaluate all civil site features including, but not limited to, pavement, concrete, drainage, and security features. Tetra Tech will determine if the perimeter fence height should be increased as well as coordinating the installation of conduits for future security cameras.
 - Safety: Tetra Tech will evaluate that all safety elements comply with CalOSHA design requirements and guidelines.
- C. Individual Discipline Meetings:** Tetra Tech will meet with IRWD Mechanical Operations, Electrical Operations, Electrical and Automation, and Safety staff individually to discuss preliminary recommendations and to ask any questions about District standards, maintenance requirements, etc. Tetra Tech will present general questions or discussion topics in written form via email three working days prior to each meeting.

- D. Improvements Recommendations:** For all assets that require upgrades, Tetra Tech will present recommendations and their respective design criteria. The improvements must be compliant with the latest applicable codes and IRWD standards. With each recommendation, Tetra Tech will present the expected service life of the replaced asset, life cycle costs, maintenance requirements, and a site plan and building interior plan showing the layout of the recommended improvements. Tetra Tech will also indicate any agency coordination required (e.g., SCE expected schedule) and the estimated lead times for new materials. Alternatives that were considered may be included; however, the final recommendation must be clearly presented.
- E. Design Drawing and Specification Schedule:** Tetra Tech will prepare a list of design drawings and specifications expected for final design. 30% drawings will be included within the PDR.
- F. Procurement Strategies:** Tetra Tech will determine the lead time for all equipment and materials required for the project. The lead time will include both manufacturing and delivery time. Tetra Tech will also determine procurement strategies of equipment and materials, including review of sole-sourcing equipment. Tetra Tech will present procurement strategies that differ from the traditional design-bid-build model.
- G. Project Schedule:** Tetra Tech will prepare a project schedule that includes design, bid, and construction phases, Contractor's Notice of Award and Notice to Proceed, review and acceptance of Contractor's Submittals, delivery of critical materials and equipment, IRWD's holidays, and construction close out.
- H. Opinion of Probable Construction Cost:** Tetra Tech will prepare a detailed and itemized opinion of probable construction cost for the proposed improvements.
- I. PDR Deliverables:** Tetra Tech will present each submittal with IRWD staff in a meeting. The PDR shall be transmitted via email (PDF file) to IRWD for review at the draft and final submittals. One (1) hard copy of the final PDR shall be submitted.

Task 3: Final Design

Tetra Tech will not commence with final design until written authorization has been provided by the District's Project Manager. The District has developed guidelines and standards for many aspects of the design and construction process. All work performed on this Project must conform to IRWD standards and requirements including, but not limited to, the following:

- **IRWD Project Manual:** IRWD has developed and periodically updates its IRWD Project Manual which contains front-end documents related to bidding, agreements, general provisions, and special provisions. IRWD will provide its most current Project Manual template to Tetra Tech to create a Project Manual specific to this project.
- **IRWD Construction Manual:** IRWD has also developed and periodically updates its IRWD Construction Manual, which contains General Technical Specifications and Standard Drawings for the Engineer's use in the preparation of Drawings and Project Technical Specifications. This manual shall be referred to in the Contract Documents for all construction contracts. A copy of this manual can be obtained at www.irwd.com. IRWD will provide its most current electrical specifications that were recently removed from the Construction Manual.

This Project shall complete a Final Design, which shall include plans, sections, details, and traffic control plans for the construction of wellsite improvements. This Project will be designed in accordance with IRWD's current standard details and specifications, and all applicable codes (e.g., NEC and CEC). Tetra Tech will complete the design and specifications, construction cost estimates, and schedule for the Project. Tetra Tech will address the items discussed below:

- A. Topographic Field Survey:** Metz Surveying Inc. (a subconsultant to Tetra Tech) will perform field surveying and produce topographic maps that will be used as a base plan for the proposed improvements. The topographic field survey will include all topographic features, existing structures, and surface utilities within each of the well sites.

1. Include all site improvements within the District's property and easement.
 2. Measure invert elevations at cleanouts, manholes, concrete pads, and catch basins.
 3. Coordinate with IRWD for access and to minimize interference with IRWD's daily Operations.
- B. Utility Review:** Perform utility research to locate utilities or other physical features within the project vicinity. Utility research to include completing a desktop evaluation of available record drawings and a site walk to verify surface improvements.
- C. Optional Pothole Investigation:** If necessary, complete potholes as needed to identify, locate, and verify adjacent and crossing utilities with the pipeline alignment and to determine the locations and depths of proposed point of connections. Tetra Tech will provide a unit cost to complete ten (10) pothole excavations and one (1) slot trench. This work shall include all necessary traffic control measures to perform the excavations and survey of the exposed utilities. If additional potholes or trenches are needed, they will be invoiced at the proposed unit price.
- D. Optional Geotechnical Investigation:** If necessary, Leighton Consulting, Inc. (a subconsultant to Tetra Tech) will conduct a geotechnical investigation. Drill up to a total of four (4) borings (one soil boring per wellsite) to a depth of 25 feet below existing grade to determine the geotechnical conditions. Provide soils analysis for use in the design. The geotechnical report will include a boring map location, boring logs, and geotechnical testing results, and address the following: site conditions; geologic hazards; seismicity; corrosivity; foundation design; lateral earth pressures; pipe installation; pavements; and construction considerations. This task will be included in the scope of work in the professional services agreement and will be authorized if needed.
- E. Electrical:** Tetra Tech will complete the design to upgrade the electrical equipment at the wellsites. Tetra Tech will budget for the replacement of all electrical equipment (e.g., main disconnect switches, soft starters, protection relays, MCC cabinets, and switchboards or switchgears) as indicated in Hazen's assessment and any relocation of electrical assets. Tetra Tech will also design a separate breaker and plug-in connection for a portable generator. Additionally, Tetra Tech will coordinate with and prepare all documentation required by SCE to relocate SCE meters and/or upgrade SCE facilities. Tetra Tech will review the District's coordination study and arc-flash hazard study specifications and supplement the requirements as needed.
- F. Mechanical Utilities:** Tetra Tech will complete the design for new Title-24 compliant HVAC systems at the four wellsites. These designs should include any modifications to the structure to accommodate the new HVAC system as well as any safety elements required for maintaining the HVAC units. All safety elements shall comply with CalOSHA design requirements and guidelines.
- G. Instrumentation and Control:** Tetra Tech will complete the design for any new control hardware that requires replacement as recommended in the PDR. In addition to providing process and instrumentation drawings, Tetra Tech will also provide control narratives for each site.
- H. Mechanical:** Tetra Tech will complete the design for all mechanical improvements as recommended in the PDR. For budgeting purposes, Tetra Tech will assume all valves will be replaced.
- I. Structural:** Tetra Tech will complete the design for all structural improvements and modifications. Modifications may include those required for incorporating the new HVAC systems and/or modifying the roof for pump and motor maintenance events. Additionally, Tetra Tech will budget for replacing select side panels on the interior and exterior of the buildings. No seismic analysis will be performed. We have assumed that no structural

analysis will be performed for the buildings to check them against the current building code unless the added penetration reduces the structural capacity of the existing building beyond the building code threshold that triggers the structural analysis.

- J. Civil:** Tetra Tech will complete the design for all site improvements, including pavement, concrete, drainage, and fencing as recommended in the PDR.
- K. Construction Laydown and Phasing Approach:** The District owns the properties that the wellsites are located on; however, the sites and their associated access easements are limited and could be challenging during construction. Tetra Tech will assess the constructability of the upgrades and operational constraints, provide exhibits showing equipment access, and consider the following, as a minimum: temporary fencing requirements; removal and installation of large equipment; and need for rights of ways, easements, or entry and encroachment permits. Tetra Tech will include a recommended construction phasing approach to ensure all operational and construction constraints are addressed. IRWD will only allow the contractor to mobilize and commence work when all materials have been obtained and for only one wellsite to be rehabilitated at a time.
- L. Pre-purchase:** For any items that can be pre-purchased by the District during the design phase, Tetra Tech will provide all documentation required at the 90% design submittal.
- M. Safety:** Tetra Tech will include in the design all improvements required to ensure safety and protection for workers when maintaining or replacing equipment. All safety elements shall comply with CalOSHA design requirements and guidelines. The District also desires to include camera surveillance in the future, and the design should include conduit runs.
- N. CEQA Documentation:** The Project is subject to the California Environmental Quality Act (CEQA). IRWD will prepare CEQA documentation for the Project. Tetra Tech will provide exhibits and other information to assist with preparation of the documentation.

- O. Project Manual:** Tetra Tech will prepare a Project Manual in standard IRWD format for the Contract Documents. IRWD's front end documents shall be utilized, and Tetra Tech will assess IRWD's documents to determine any needed Supplemental Special Provisions that should be added to comply with IRWD's General Provisions and front end requirements. The Project Manual shall describe the work, schedule, access or constraints, and sequencing associated with the work. The Project Manual shall also include General Technical Specifications, modifications thereto, and any Project Technical Specifications. Tetra Tech will prepare the Project Manual in standard IRWD format. The Project Manual template will be provided in Microsoft Word format. Tetra Tech will complete IRWD templates and shall provide a searchable PDF file of the bidding documents in 8 ½-inch x 11-inch paper size.
- P. Improvement Plan Sheet List:** Tetra Tech has prepared a list of anticipated construction drawings.

General Sheets (applies to all wells)

- Title Sheet
- Sheet Index, Location Map, Vicinity Map, Agency and Utility Index
- General Notes, IRWD Notes, Erosion Control Notes
- Symbols, Abbreviations, Benchmark and Basis of Bearings
- Construction Notes
- Horizontal Control Plan (Four sites on 1 sheet)
- Typical Civil Details
- Typical Piping Details
- Typical Mechanical Details (2 sheets)
- Typical HVAC/Ventilation Details
- General Structural Notes and Special Inspection Requirements (2 sheets)
- General Structural Details
- Electrical Symbols and Abbreviations
- General Pump Schematics
- General Electrical Details
- I&C Symbols
- General P&ID

Specific Well Sheets

Site Plans

| <i>Sheet Description</i> | <i>Well 6</i> | <i>Well 12</i> | <i>Well 14</i> | <i>Well 15</i> |
|-------------------------------|---------------|----------------|----------------|----------------|
| Well Access, Phasing, Laydown | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Site Demolition Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Site Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Grading Plan | -- | 1 sheet | 1 sheet | -- |
| Well Site Specific Details | 1 sheet | 1 sheet | 1 sheet | 1 sheet |

Mechanical Plans

| <i>Sheet Description</i> | <i>Well 6</i> | <i>Well 12</i> | <i>Well 14</i> | <i>Well 15</i> |
|----------------------------------|---------------|----------------|----------------|----------------|
| Mechanical Demolition Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Mechanical Plan and Sections | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Mechanical Specific Details | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| HVAC Demolition Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| HVAC/Ventilation Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| HVAC/Ventilation Specific Detail | 1 sheet | 1 sheet | 1 sheet | 1 sheet |

Structural Plans

| <i>Sheet Description</i> | <i>Well 6</i> | <i>Well 12</i> | <i>Well 14</i> | <i>Well 15</i> |
|-----------------------------|---------------|----------------|----------------|----------------|
| Building Demolition Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Foundation and Roof Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Specific Structural Details | 1 sheet | 1 sheet | 1 sheet | 1 sheet |

Electrical/Instrumentation Plans

| <i>Sheet Description</i> | <i>Well 6</i> | <i>Well 12</i> | <i>Well 14</i> | <i>Well 15</i> |
|----------------------------------|---------------|----------------|----------------|----------------|
| Electrical Demolition Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Site Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Power Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well I&C Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Lighting & Grounding Plan | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Single Line Diagram | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Conduit & Panel Schedule | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Specific Electrical Details | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Control Panel Details | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well PLC Network Details | 1 sheet | 1 sheet | 1 sheet | 1 sheet |
| Well Specific I&C Details | 1 sheet | 1 sheet | 1 sheet | 1 sheet |

TOTAL SHEETS: 117 SHEETS

Q. Construction Drawings: Tetra Tech will prepare detailed Drawings on 22-inch x 34-inch paper size. The Drawings will be developed in the latest version of AutoCAD, using NCS V4.0 layering standards, and utilizing IRWD's standard border template. Drawings prepared in AutoCAD shall use the NAVD 88 and NAD 83 survey standards. The Drawings will include a

sheet index/location map/legend, general notes, index map, notes and details, construction sequencing, site plan, details, sections, elevations, and all details necessary for the construction of the Project.

- R. Project Schedule:** Tetra Tech will prepare and update the Project Schedule for each Design Deliverable. The project schedule shall include design, bid, and construction phases, Contractor's Notice of Award and Notice to Proceed, review and acceptance of Contractor's Submittals, delivery of critical materials and equipment, IRWD's holidays, and construction close out.
- S. Opinion of Probable Construction Cost:** Tetra Tech will prepare a detailed and itemized opinion of probable construction cost for the proposed improvements, which shall be updated and submitted with each of the design deliverables described below. The format of the cost opinion shall follow the itemized Schedule of Work within the Bid Documents section of the Engineer-prepared Project Manual.
- T. Design Deliverables:** Tetra Tech will present each submittal with IRWD staff in a meeting. Drawings and Project Manual shall be transmitted via email (PDF file) to IRWD for review at the 60%, 90%, and Final Design Submittals.
- 1. 60% Draft Submittal:** Tetra Tech will provide a 60% Drawing set further developing the plans, profiles, sections, and details. Drawings should include all sheets, plans, sections, details, schematics, and diagrams for each discipline of the Project. Provide a 60% Project Manual that includes all sections. Searchable PDF files of the Drawings and Project Manual shall be submitted.
 - 2. 90% Design Submittal:** Tetra Tech will provide a 90% Drawing set and 90% Project Manual that has been QA/QC'd by the Engineer. The Drawing Set and Project Manual are expected to be substantially complete. For any items that are recommended for pre-purchase, Tetra Tech will provide complete documentation required for bid. Searchable PDF files of the Drawings and Project Manual shall be submitted.
 - 3. Final Design Submittal:** Tetra Tech will provide a Final Drawing and Project Manual draft set to be backchecked for inclusion of all previous comments, with the Tetra Tech's Project Engineer electronic stamp and signature added. Once the submittal is reviewed and minor comments addressed by the Tetra Tech, the Final Design Submittal set shall be submitted to be signed by IRWD. Tetra Tech will provide AutoCAD files for the entire Drawing set once signed by the Executive Director. Provide Microsoft Word files used in the preparation of the Project Manual. Searchable PDF files of the Drawings and Project Manual shall be submitted. One (1) hard copy of the Drawings and Project Manual shall be provided after backcheck is complete and signed by IRWD's Executive Director.

Task 4: Bid Period Assistance

During the bidding period, Tetra Tech will assist with providing information and clarification of bid documents to prospective bidders. This shall include the preparation of one addendum for bidding, including revisions to the design plans and specifications, and assistance with addressing bidder questions. At a minimum, addenda preparation activities shall include:

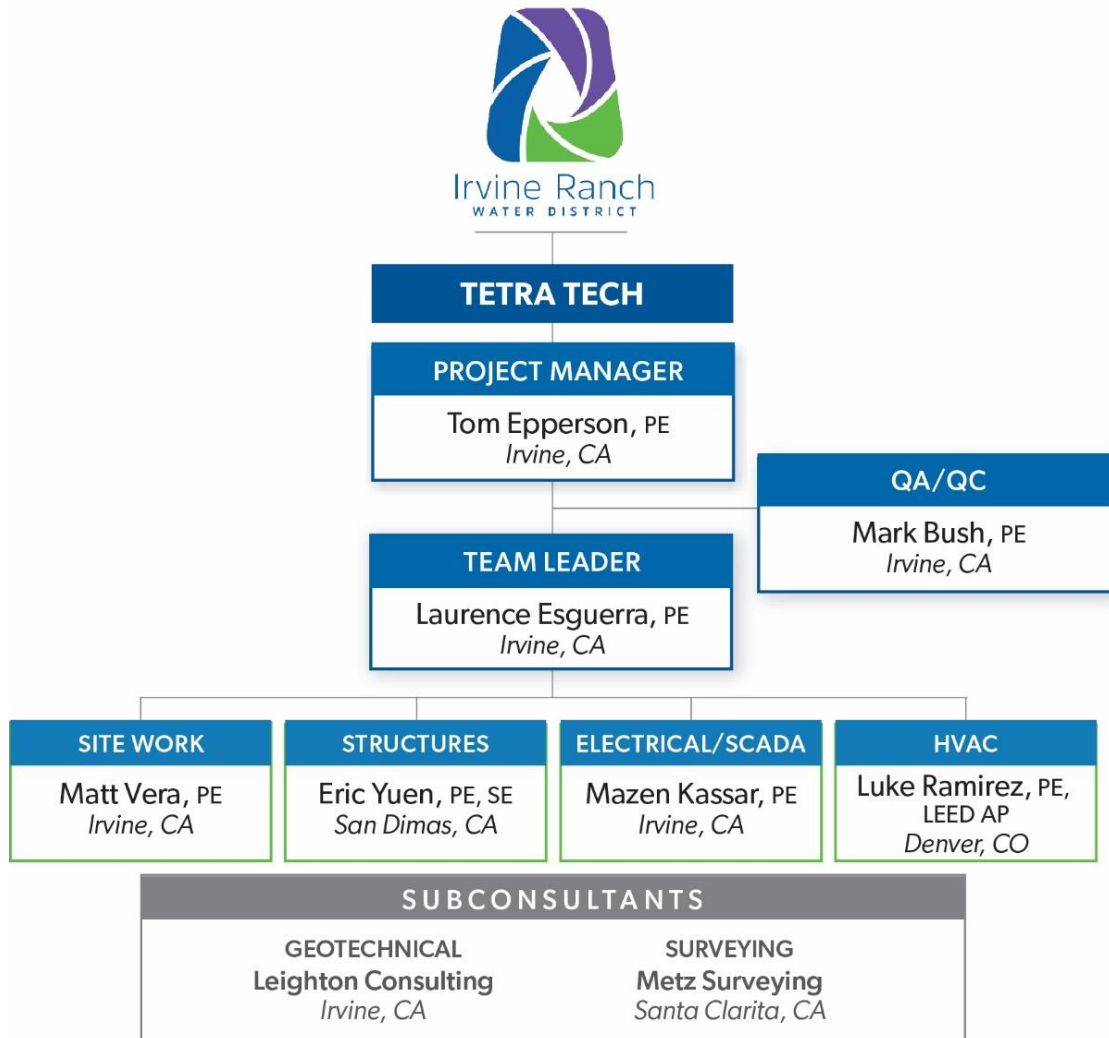
- 1. Plan Revisions:** Tetra Tech will budget 16 hours of appropriate staff time for plan revisions to the construction drawings.
- 2. Specification Revisions:** Tetra Tech will budget 16 hours of appropriate staff time for revisions or additions to the project specifications.
- 3. Bidder Questions:** Tetra Tech will budget 16 hours of appropriate staff time to address and respond to bidder questions.
- 4. Pre-bid Meeting:** Tetra Tech will attend a pre-bid meeting, which may include site visits with the potential bidding contractors.

PROJECT TEAM

The key for success on this project is our project team and their previous well design experience. As with past assignments for IRWD, we propose to approach this assignment with a spirit of partnership with IRWD. This will enable us to

combine the knowledge, ideas, and talents of IRWD’s staff with our planning, design, and construction experience to provide extraordinary results. Our organizational chart defines the project role of each key team member and delineates the communication and reporting relationships among key project staff.

P R O J E C T T E A M C H A R T



Our Project Team is devoted to completing your project within schedule and under budget, and not only meet, but exceed your expectations. The following summarizes the qualifications of key staff members that will be assigned to this project:

Project Manager: Tom Epperson, PE, will be the Project Manager and will provide the overall project direction, technical oversight, quality management, and ensure that the necessary resources are committed to Laurence Esguerra, PE, to get the job done. Tom has more than 42 years of experience

and will provide his technical expertise to assist the design team in the areas of constructability, specifications, review, and as-needed project management support. **Tom has worked on nearly 30 different projects for IRWD.** He has been involved in the design of all of the similar projects listed within the Experience Section of this proposal.

QA/QC: Mark Bush, PE, has more than 28 years of professional experience in water, wastewater, and recycled water engineering; and has been involved in more than 15 IRWD projects throughout his

career. Mark has been responsible for the completion of over 200 miles of potable water, recycled water, and sewer mains in complex environments, including ROWs. His experience also includes more than 20 potable water and recycled water pump station and well projects, and 14 potable and recycled water reservoirs.

Team Leader: Laurence Esguerra, PE, with more than 20 years of experience in water and wastewater he has designed over 15 production wells, 100 miles of potable water, recycled water, and sewer pipelines, pump stations, lift stations, reinforced concrete and steel reservoirs, flow control facilities, and pressure reducing valve vaults. Along with his extensive technical skills in water and wastewater, Mr. Esguerra is experienced in project management, leading complex, multi-disciplinary projects through preliminary design, final design, and construction.

Site Work: Matt Vera, PE, has more than 10 years of water/wastewater experience and has provided design engineering for various domestic and reclaimed water pipelines, gravity sewer mains, sewer main rehabilitations, pump stations, lift stations, wells, flow control facilities, and pressure reducing valve vaults. Matt's responsibilities have included preparing construction plans, specifications, and design calculations as well as project reports and memorandums.

Structural: Eric Yuen, PE, SE, will assist our Project Manager and direct the activities of other members of the design team in the capacity of the Structural Team Leader. For the past 16 years Eric has been involved in the structural design of the majority of our well station structures. Eric is knowledgeable in reinforced concrete, masonry, structural steel and wood frame design, and construction for a variety of building and infrastructure projects including reservoirs and water/wastewater treatment facilities, as well as seismic retrofit of existing structures.

Electrical/SCADA: Mazen Kassar, PE, has 31 years of experience in electrical, instrumentation, and controls engineering. He brings to the team experience in electrical engineering and knowledge

of industry standards for water and wastewater engineering. Mazen's project experience includes design of medium and low voltage power distribution, instrumentation, controls systems, and SCADA systems for a wide variety of projects throughout Southern California.

HVAC: Luke Ramirez, PE, LEED AP, has 20 years of professional experience and provides clients with a variety of HVAC and plumbing designs as well as life-cycle assessment of systems and products. Luke's projects have included designs for municipal, industrial, and commercial facilities, construction administration services for water and wastewater treatment plants, energy audit reports, quality assurance measurement for a utility provider in Colorado, pump replacement analyses and design for the U.S. Fish and Wildlife Service, and mechanical renovation of dorms at Misawa Air Force Base in Japan.

Subconsultants

To provide the full range of services required for this project, we have added subconsultants to our Project Team. Tetra Tech will be responsible for coordinating and integrating the efforts of each subconsultant. They will serve IRWD as subconsultants to Tetra Tech.

Geotechnical: Leighton Consulting (DIR Registration #: 1000007443)

Surveying: Metz Surveying (DIR Registration #: 1000045062)

Potholing: Subconsultant will be determined based on availability at time work is scheduled.



The following lists Team Member experience and percentage of contribution to the District’s project:

| Team Member | Years of Exp. | Percent of Contribution | Number of Wells | Projects |
|------------------------------|---------------|-------------------------|-----------------|---|
| Tom Epperson, PE | 42 | 10% | 28 | <ul style="list-style-type: none"> • IRWD Wells • Santa Ana Washington Well • Santa Ana Well No. 32 Rehab • Orange Well Nos. 27 & 28 & 29 • Mesa Water Well Nos. 12 & 13 • OCWD Mid-Basin • YLWD Timber Ridge BPS • South Gate Well No. 29 • Paramount Well Nos. 15 & 16 |
| Mark Bush, PE | 28 | 5% | 7 | <ul style="list-style-type: none"> • IRWD Wells • Orange Well Nos. 27 & 28 • OCWD Mid-Basin • IRWD Wells • City of Santa Ana Projects |
| Laurence Esguerra, PE | 20 | 10% | 15 | <ul style="list-style-type: none"> • IRWD Wells • Orange Well Nos. 27 & 28 & 29 • Mesa Croddy Well & Pipeline • OCWD Mid-Basin • South Gate Well No. 29 • Seal Beach Bolsa Chica Well |
| Matt Vera, PE | 10 | 30% | 4 | <ul style="list-style-type: none"> • IRWD Wells • Washington Well • Santa Ana Well No. 32 Rehab • Santa Ana Well No. 29 Rehab • YLWD Timber Ridge BPS • SA-7 Relocation • SA-1 Hydro-Generator |
| Eric Yuen, PE, SE | 16 | 25% | 8 | <ul style="list-style-type: none"> • City of Santa Ana Projects • IRWD Projects • Mesa Wells • YLWD Timber Ridge BPS • South Gate Well No. 29 • Paramount Well No. 16 • Mid-Basin Injection Wells |
| Mazen Kassar, PE | 31 | 25% | 9 | <ul style="list-style-type: none"> • City of Santa Ana Projects • IRWD Projects • Mesa Wells • YLWD Timber Ridge BPS • Orange Well No. 27, 28 & 29 • South Gate Well No. 29 • Mid-Basin Injection Wells • Paramount Well No. 16 |

EXTENSIVE PUMP STATION/ WELL DESIGN EXPERIENCE

During the last 18 years, our Project Team has designed over 50 water/recycled water pump stations and wells within Southern California.

Therefore, our Project Team is high on the learning curve and can apply their expertise to addressing and resolving your project issues in a cost-effective and timely manner. We want to emphasize this is just the experience of our Project Team and not the experience of our company, Tetra Tech.

| Type of Project | Last 8 Years (2014 to 2022) | 9 to 13 Years (2009 to 2013) | 14 to 18 Years (2004 to 2008) | Total During Last 18 Years |
|-----------------|-----------------------------|------------------------------|-------------------------------|----------------------------|
| Pump Stations | 6 | 7 | 10 | 23 |
| Wells | 14 | 7 | 7 | 28 |
| Subtotal | 20 | 14 | 17 | 51 |

This experience has allowed our staff to become intimately familiar with all aspects of the design and construction of pump station facilities. Therefore, our Project Team is high on the learning curve and can apply their expertise to addressing and

resolving your project issues in a cost-effective and timely manner. The following is a summary of some of our Project Team’s specific pump station and well experience:

| Client | Project | Capacity (GPM) | Design Complete | Responsible Team |
|--|---|--------------------------------------|------------------------------|---|
| IRVINE RANCH WATER DISTRICT Irvine, CA | Zone 7 to 8 Booster Pump Station Peters Canyon | 2,000 1,200 | 2021 2016 | Tom Epperson Mazen Kassar Eric Yuen |
| ORANGE COUNTY WATER DISTRICT Fountain Valley, CA | Santiago Pump Station Modifications Mid-Basin Injection Wells (4 wells) Burriss Bump Station | 5,400 3,000 ea. 90,000 | 2022 2016 2015 | Tom Epperson Laurence Esguerra Matt Vera Mazen Kassar Eric Yuen |
| CITY OF ORANGE Orange, CA | Well 29 and Well 28 Well 27 New Santiago Booster Pump Station Reservoir No. 4 Booster Pump Station | 3,000 ea. 3,000 4,500 6,000 | 2021 2016 2010 2007 | Tom Epperson Laurence Esguerra Matt Vera Mazen Kassar Eric Yuen |
| YORBA LINDA WATER DISTRICT Yorba Linda, CA | Timber Ridge Booster Pump Station Replacement | 2,800 | 2021 | Tom Epperson Matt Vera Mazen Kassar Eric Yuen |
| CITY OF SOUTH GATE South Gate, CA | Elizabeth Booster Pump Station Well 29 | 5,700 2,500 | 2016 2016 | Tom Epperson Laurence Esguerra Mazen Kassar Eric Yuen |

IRWD Pump Station/Wells Design Experience

Our Project Team knows IRWD’s design requirements, preferred materials, operational preferences, electrical and P&ID strategies which

will allow us to deliver a complete design in the most cost-effective manner. Members of our project team have been involved with the following pump station/well/surge tank projects for IRWD during the last twenty (20) years:

| | |
|--|--|
| ■ Zone 8 to 9 Booster Pump Station | ■ IDP Wellhead Facilities: Wells 76, 77, 110 and 107 |
| ■ Dyer Road Well Field Surge Tank | ■ Shady Canyon Zone B |
| ■ Peter Canyon Reuse Pipeline | ■ Coastal RW Pump Station Modifications |
| ■ Well 78, Well 107 and Well 115 Replacements | ■ Shady Canyon Booster Pump Station |
| ■ Booster Pump Station Check Valve Replacement | ■ Santiago Hills 5-6 and 6-7 BPS (PDR only) |
| ■ South County Zone 1-3 Booster Pump Station | ■ Tustin Zone 5 Booster Pump Station |

SATISFIED CLIENTS

We believe the District is one of our best references for this project based on the work completed on the Dyer Road Well Field Project. **Client satisfaction is a major objective for Tetra Tech.** This commitment to

our clients has earned us the privilege of providing continuous service to several of our below listed references. We believe that our clients will attest to our technical experience and responsive staff, and we encourage you to contact our references to verify our past performance firsthand.

- **Orange County Water District**
Chris Olsen, PE
714-378-3232
colsen@ocwd.com
- **City of Santa Ana**
Armando Fernandez, PE
714-647-3316
afernandez@santa-ana.org

- **Yorba Linda Water District**
Reza Afshar, PE, PMP
714-701-3106
rafshar@ylwd.com
- **Moulton Niguel Water District**
Matt Collings, PE
949-425-3552
mcollings@mnwd.com

- **Mesa Water District**
Andrew Wiesner, PE
949-207-5458
andreww@mesawater.org
- **City of Orange**
Tuan Cao, PE
714-288-2492
tcao@cityoforange.org

SCHEDULE

Tetra Tech has reviewed current and planned workload schedules for our Project Team and are

available to immediately begin work on this project. The following presents our proposed project schedule:

| Milestone | Key Milestone Dates |
|------------------------------|---------------------|
| Notice of Award | February 28, 2024 |
| Kick-off Meeting | March 11, 2024 |
| Draft PDR | May 23, 2024 |
| Final PDR | June 27, 2024 |
| 60% Design Submittal | August 9, 2024 |
| 90% Design Submittal | October 4, 2024 |
| Final Design Submittal | November 8, 2024 |
| Construction Bid Advertising | November 18, 2024 |
| Bid Opening | December 19, 2024 |
| Construction Award | January 2025 |

BUDGET AND MISCELLANEOUS

Budget: As requested in the RFP, Tetra Tech has included our budget proposal in a separate PDF file. Our budget proposal includes estimated hours per task, subconsultant costs, reproduction, and other direct costs. We have also included our proposed Hourly Rate Schedule and a not-to-exceed amount for each phase of the work.

Joint Venture: No joint ventures will be used on the project.

Conflict of Interest: No Conflicts of Interest between the District and Tetra Tech exist.

Contract: Tetra Tech will sign IRWD's Professional Services Agreement.

Insurance: Tetra Tech has insurance coverage in the limits required in the RFP. A copy of our insurance documentation can be provided.



January 31, 2024

Tiffany Foo, PE
Project Manager
Irvine Ranch Water District
3512 Michelson Drive
Irvine, CA 92612

Transmitted via email: foo@irwd.com

**Reference: Fee Proposal for Engineering Design Services
Wells 6, 12, 14, and 15 Site Improvements (PR 11570)**

Dear Ms. Foo,

Tetra Tech is pleased to submit our fee proposal to provide engineering design services for the District's Wells 6, 12, 14, and 15 Site Improvements project. All work will be performed on a time and material basis "not-to-exceed" the contract price and no additional compensation will be received beyond the price negotiated to be performed unless changes are approved in advance by an amendment to our contract signed by the Irvine Ranch Water District.

Attached is our work plan with a breakdown of labor hours by employee billing classification, together with the cost of non-labor and subconsultant services. The attached rate schedule includes Tetra Tech's billing rates for this project for all classifications of staff likely to be involved in the project; as well as overhead, profit, and expenses.

Tetra Tech appreciates the opportunity to submit our fee proposal and looks forward to your positive response. Should you require additional information or have any questions regarding our submittal, please don't hesitate to contact us.

Respectfully,

A handwritten signature in blue ink, appearing to read 'Tom Epperson', written over a blue horizontal line.

Tom Epperson, PE
Vice President

M:\Marketing\Proposals\FY 2024\IRWD_Wells Site Improvements



2024

HOURLY CHARGE RATE AND EXPENSE REIMBURSEMENT SCHEDULE

Project Management

| | |
|---------------------|----------|
| Project Manager 1 | \$220.00 |
| Project Manager 2 | \$260.00 |
| Sr Project Manager | \$315.00 |
| Program Manager | \$370.00 |
| Principal in Charge | \$370.00 |

Construction

| | |
|----------------------------|----------|
| Construction Project Rep 1 | \$80.00 |
| Construction Project Rep 2 | \$87.00 |
| Sr Constr Project Rep 1 | \$103.00 |
| Sr Constr Project Rep 2 | \$118.00 |
| Construction Manager 1 | \$168.00 |
| Construction Manager 2 | \$190.00 |
| Construction Director | \$238.00 |

Engineers

| | |
|------------------------|----------|
| Engineering Technician | \$80.00 |
| Engineer 1 | \$120.00 |
| Engineer 2 | \$130.00 |
| Engineer 3 | \$145.00 |
| Project Engineer 1 | \$160.00 |
| Project Engineer 2 | \$180.00 |
| Sr Engineer 1 | \$175.00 |
| Sr Engineer 2 | \$185.00 |
| Sr Engineer 3 | \$225.00 |
| Principal Engineer | \$305.00 |

General & Administrative

| | |
|--------------------------|----------|
| Project Assistant 1 | \$68.00 |
| Project Assistant 2 | \$77.00 |
| Project Administrator | \$97.00 |
| Sr Project Administrator | \$135.00 |
| Sr Graphic Artist | \$154.00 |
| Technical Writer 1 | \$100.00 |
| Technical Writer 2 | \$126.00 |
| Sr Technical Writer | \$158.00 |

Planners

| | |
|--------------|----------|
| Planner 1 | \$106.00 |
| Planner 2 | \$118.00 |
| Sr Planner 1 | \$128.00 |
| Sr Planner 2 | \$154.00 |
| Sr Planner 3 | \$178.00 |

Information Technology

| | |
|-----------------------------------|----------|
| Systems Analyst / Programmer 1 | \$78.00 |
| Systems Analyst / Programmer 2 | \$118.00 |
| Sr Sys Analyst / Programmer 1 | \$132.00 |
| Sr Systems Analyst / Programmer 2 | \$200.00 |

Designers & Technicians

| | |
|-------------------|----------|
| CAD Technician 1 | \$66.00 |
| CAD Technician 2 | \$77.00 |
| CAD Technician 3 | \$92.00 |
| CAD Designer | \$102.00 |
| Sr CAD Designer 1 | \$140.00 |
| Sr CAD Designer 2 | \$170.00 |
| CAD Director | \$170.00 |
| Survey Tech 1 | \$51.00 |

Project Accounting

| | |
|--------------------|----------|
| Project Analyst 1 | \$92.00 |
| Project Analyst 2 | \$118.00 |
| Sr Project Analyst | \$158.00 |

Reimbursable In-House Costs:

- Photo Copies (B&W 8.5"x11")
- Photo Copies (B&W 11"x17")
- Color Copies (up to 8.5"x11")
- Color Copies (to 11"x17")
- Compact Discs
- Large format copies

Health & Safety

| | |
|----------------------|----------|
| H&S Administrator | \$97.00 |
| Sr H&S Administrator | \$118.00 |
| H&S Manager | \$148.00 |

- Mileage-Company Vehicle
- Mileage-POV

*current GSA POV mileage rate subject to change

All other direct costs, such as production, special photography, postage, delivery services, overnight mail, printing and any other services performed by subconsultant will be billed at cost plus 15%.

Tetra Tech Price Proposal

Wells 6, 12, 14 and 15 Site Improvements

Engineering Design Services for Wells 6, 12, 14 and 15 Site Improvements

Submitted to: Irvine Ranch Water District (Attn: Tiffany Foo, PE)

Contract Type: T&M

Price Summary / Totals

| | |
|-----------------------------|------------------|
| Task Pricing Totals | 1,094,000 |
| Specify Add'l Fees on Setup | 0 |
| Technology Use Fee | |
| Total Price | 1,094,000 |

| | | | | | | | | | | | | | | | | | |
|-------------|---------|--------|------------------|------------------|------------------|------------------|------------------|------------------|--------|---------|------------|------------|------------|------------|------------|------------|------------|
| Bill Rate > | 370.00 | 370.00 | 260.00 | 180.00 | 145.00 | 145.00 | 130.00 | 120.00 | 220.00 | 135.00 | 260.00 | 160.00 | 130.00 | 170.00 | 315.00 | 180.00 | 130.00 |
| Proj Area > | Project | QA/QC | Civil/Mechanical | Civil/Mechanical | Civil/Mechanical | Civil/Mechanical | Civil/Mechanical | Civil/Mechanical | HVAC | Project | Structures | Structures | Structures | Structures | Electrical | Electrical | Electrical |

Total Labor Hrs 6,042

Pricing by Resource

| Project Phases / Tasks | Total Labor Hrs | Resource | | | | | | | | | | | | | | | | | Task Pricing Totals | | | | | |
|--|-----------------|--------------------------------|---------------------------|--------------------------------|------------------------------|---------------------------------|-------------------------------|-----------------------|---------------------------|----------------------------|----------------------|-------------------------|--------------------------------|------------------------------------|----------------------|----------------------------|--------------------------------|------------------------------|---------------------|---------------|----------------|---------------------|--------|--------|
| | | Project Manager (Tom Epperson) | QA/QC Manager (Mark Bush) | Team Leader (Laurence Eguerra) | Project Engineer (Matt Vera) | Design Engineer (Jamie McElyea) | Design Engineer (Norma Pablo) | Designer (Patrick Ko) | Designer (Miranda Leibig) | Team Leader (Luke Ramirez) | WP (Deana Escamilla) | Team Leader (Eric Yuen) | Project Engineer (Jose Quiroz) | Design Engineer (Miguel Magpantay) | CADD (Eric Hutchins) | Team Leader (Mazen Kassar) | Project Engineer (Doug Seaman) | Design Engineer (Johnson Le) | Labor | Subs | ODCs | Task Pricing Totals | | |
| Task 1: Project Management | 290 | 26 | 50 | 34 | 52 | 4 | | | | | 16 | 30 | 4 | | | | 54 | 12 | 8 | 77,710 | 290 | 78,000 | | |
| General Project Management (10 mths) | 10 | 10 | | | | | | | | | | | | | | | | | | | 3,700 | | 3,700 | |
| Weekly e-mails/Monthly Reports (40/10) | 50 | | | 10 | 40 | | | | | | | | | | | | | | | | 9,800 | | 9,800 | |
| Meetings/Workshops (15) | 74 | 16 | | 24 | 8 | 4 | | | | | | 6 | 4 | | | | | 8 | 4 | | 19,620 | 290 | 19,910 | |
| SCE Coordination | 18 | | | | | | | | | | | | | | | | | 2 | 8 | 8 | 3,110 | | 3,110 | |
| QA/QC | 114 | | 50 | | | | | | | | | | | | | | | 40 | | | 37,340 | | 37,340 | |
| Safety Program | 24 | | | | 4 | | | | | 16 | | | | | | | | 4 | | | 4,140 | | 4,140 | |
| Task 2: Preliminary Design Report | 1,666 | 20 | - | 72 | 220 | 156 | 96 | 158 | 108 | 12 | 8 | 42 | 132 | 40 | 30 | 56 | 252 | 264 | 279,140 | 860 | 280,000 | | | |
| Review Background Material | 24 | | | 4 | 4 | | | | | 4 | | 4 | | | | | 4 | 4 | | | 5,660 | | 5,660 | |
| Supplemental Condition Assessment Plan | 20 | | | 2 | 8 | | | | | | | 2 | | | | | 4 | 4 | 4 | | 4,460 | | 4,460 | |
| Supplemental Condition Assessment Field Work | 88 | | | 8 | 16 | 16 | | | | | | 8 | 16 | | | | 8 | 16 | | 220 | 17,320 | | 17,540 | |
| Assessment Memo | 102 | 2 | | 8 | 32 | | | | | | | 4 | 16 | | | | 8 | 32 | | | 20,460 | | 20,460 | |
| Improvement Recommendations | 176 | 8 | | 16 | 40 | 24 | | | | | | 8 | 16 | | | | 8 | 40 | 16 | | 34,240 | | 34,240 | |
| Layouts and Alternatives | 180 | 4 | | 16 | 32 | 32 | | | | | | 8 | 16 | 16 | | | 8 | 24 | 24 | | 32,720 | | 32,720 | |
| Base Map Preparation (4 well sites) | 152 | | | | | 12 | | 48 | | | | | 8 | 24 | | | | | 12 | 48 | | 20,780 | | 20,780 |
| 30% Drawings | 660 | | | | 40 | 48 | 72 | 90 | 100 | | | | 40 | | 30 | | | | 80 | 160 | | 95,000 | | 95,000 |
| Procurement Strategies | 30 | | | 2 | 8 | | 8 | | | | | | | | | | 4 | 8 | | | 5,820 | | 5,820 | |
| Schedule and Costs | 106 | 2 | | 8 | 16 | 16 | 8 | 4 | | | 4 | 12 | | | | | 4 | 16 | 16 | | 18,880 | | 18,880 | |
| PDR | 100 | 4 | | 8 | 16 | 8 | 8 | 8 | 8 | 4 | 4 | 8 | | | | | 8 | 16 | | | 19,620 | | 19,620 | |
| PDR Processing (2 submittals) | 28 | | | | 8 | 8 | 8 | 8 | | | 4 | | | | | | | | | 640 | 4,180 | | 4,820 | |
| Task 3: Final Design | 4,030 | 52 | 120 | 448 | 316 | 352 | 370 | 436 | 128 | 28 | 52 | 196 | 40 | 138 | 130 | 536 | 688 | 660,710 | 59,312 | 4,178 | 724,200 | | | |
| Topographic Field Survey | 8 | | | 2 | 4 | | | | | | | 2 | | | | | | | | | 1,210 | 10,472 | 11,682 | |
| Utility Review | 52 | | | | 16 | 16 | | 16 | | | | 4 | | | | | | | | 440 | 7,100 | | 7,540 | |
| Optional Pothole Investigation | 16 | | 2 | 4 | 8 | | | | | | | 2 | | | | | | | | | 2,670 | 27,060 | 29,730 | |
| Optional Geotechnical Investigation | 4 | | | 2 | | | | | | | | 2 | | | | | | | | | 630 | 21,780 | 22,410 | |
| Structural Calculations | 70 | | | | | | | | | | | 10 | 20 | 40 | | | | | | | 11,000 | | 11,000 | |
| HVAC/Ventilation Calculations | 136 | | | | 8 | 8 | | | 120 | | | | | | | | | | | | 29,000 | | 29,000 | |
| Electrical Design Coordination | 52 | | | | | | | | | | | | | | | | 4 | 16 | 32 | | 8,300 | | 8,300 | |
| I&C - Control Narratives | 48 | | | | | | | | | | | | | | | | 8 | 32 | 8 | | 9,320 | | 9,320 | |
| Construction Laydown and Phasing | 76 | 4 | | 8 | 16 | 16 | | | | | 4 | 4 | | | | | 8 | 16 | | | 15,840 | | 15,840 | |
| Pre-purchase | 26 | 2 | | 4 | 8 | | | | | | | | | | | | 4 | 8 | | | 5,920 | | 5,920 | |
| CEQA Documentation Support | 44 | | | | 8 | 16 | 16 | | | | 4 | | | | | | | | | 80 | 6,620 | | 6,700 | |
| Construction Drawings | | | | | | | | | | | | | | | | | | | | | | | | |
| General Sheets (6 shts) | 110 | | | | 8 | 16 | 36 | | 50 | | | | | | | | | | | | 14,980 | | 14,980 | |
| General Civil/Piping/Mech/HVAC Sheets (5 shts) | 124 | | | 8 | 20 | 16 | 12 | 30 | 30 | 8 | | | | | | | | | | | 19,000 | | 19,000 | |
| General Structural Sheets (3 shts) | 44 | | | | | | | | | | | 6 | 20 | 18 | | | | | | | 7,820 | | 7,820 | |
| General Electrical/Instrumentation (5 shts) | 140 | | | | | | | | | | | | | | | | 20 | 40 | 80 | | 23,900 | | 23,900 | |
| Well 6 Site plans (4 shts) | 140 | 4 | | 8 | 28 | 40 | | 30 | 30 | | | | | | | | | | | | 21,900 | | 21,900 | |
| Well 6 Mechanical Plans (6 shts) | 216 | 4 | | 8 | 44 | | 60 | 50 | 50 | | | | | | | | | | | | 32,680 | | 32,680 | |
| Well 6 Structural Plans (3 shts) | 66 | | | | | | | | | | | 6 | 30 | 30 | | | | | | | 11,460 | | 11,460 | |
| Well 6 Electrical/Instrumentation (11 shts) | 260 | | | | | | | | | | | | | | | | 20 | 100 | 140 | | 42,500 | | 42,500 | |
| Well 12 Site plans (5 shts) | 183 | 5 | | 10 | 36 | 52 | | 40 | 40 | | | | | | | | | | | | 28,470 | | 28,470 | |
| Well 12 Mechanical Plans (6 shts) | 216 | 4 | | 8 | 44 | | 60 | 50 | 50 | | | | | | | | | | | | 32,680 | | 32,680 | |
| Well 12 Structural Plans (3 shts) | 66 | | | | | | | | | | | 6 | 30 | 30 | | | | | | | 11,460 | | 11,460 | |
| Well 12 Electrical/Instrumentation (11 shts) | 260 | | | | | | | | | | | | | | | | 20 | 100 | 140 | | 42,500 | | 42,500 | |
| Well 14 Site plans (5 shts) | 183 | 5 | | 10 | 36 | 52 | | 40 | 40 | | | | | | | | | | | | 28,470 | | 28,470 | |
| Well 14 Mechanical Plans (6 shts) | 216 | 4 | | 8 | 44 | | 60 | 50 | 50 | | | | | | | | | | | | 32,680 | | 32,680 | |
| Well 14 Structural Plans (3 shts) | 66 | | | | | | | | | | | 6 | 30 | 30 | | | | | | | 11,460 | | 11,460 | |
| Well 14 Electrical/Instrumentation (11 shts) | 260 | | | | | | | | | | | | | | | | 20 | 100 | 140 | | 42,500 | | 42,500 | |
| Well 15 Site plans (4 shts) | 140 | 4 | | 8 | 28 | 40 | | 30 | 30 | | | | | | | | | | | | 21,900 | | 21,900 | |
| Well 15 Mechanical Plans (6 shts) | 216 | 4 | | 8 | 44 | | 60 | 50 | 50 | | | | | | | | | | | | 32,680 | | 32,680 | |
| Well 15 Structural Plans (3 shts) | 66 | | | | | | | | | | | 6 | 30 | 30 | | | | | | | 11,460 | | 11,460 | |
| Well 15 Electrical/Instrumentation (11 shts) | 252 | | | | | | | | | | | | | | | | 12 | 100 | 140 | | 39,980 | | 39,980 | |

T Price Proposal

Wells 6, 12, 14 and 15 Site Improvements

Engineering Design Services for Wells 6, 12, 14 and 15 Site Improvements

Submitted to: Irvine Ranch Water District (Attn: Tiffany Foo, PE)

Contract Type: T&M

Price Summary / Totals

Task Pricing Totals 1,094,000

Specify Add'l Fees on Setup 0

Technology Use Fee

Total Price 1,094,000

Pricing by Resource

| Project Phases / Tasks | Total Labor Hrs | Project Manager (Tom Epperson) | QA/QC Manager (Mark Bush) | Team Leader (Laurence Esguerra) | Project Engineer (Matt Vera) | Design Engineer (Jamie McElyea) | Design Engineer (Norma Pablo) | Designer (Patrick Koi) | Designer (Miranda Leibig) | Team Leader (Luke Ramirez) | WP (Deana Escamilla) | Team Leader (Eric Yuen) | Project Engineer (Jose Quiroz) | Design Engineer (Miguel Magpantay) | CADD (Eric Hutchins) | Team Leader (Mazen Kassir) | Project Engineer (Doug Seaman) | Design Engineer (Johnson Le) | Labor | Subs | ODCs | Task Pricing Totals |
|--------------------------------------|-----------------|--------------------------------|---------------------------|---------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------|---------------------------|----------------------------|----------------------|-------------------------|--------------------------------|------------------------------------|----------------------|----------------------------|--------------------------------|------------------------------|------------------|---------------|--------------|---------------------|
| | | | | | | | | | | | | | | | | | | | 1,029,310 | 59,312 | 5,378 | 1,094,000 |
| Project Phases / Tasks | 6,042 | 100 | 50 | 236 | 732 | 478 | 448 | 532 | 544 | 140 | 52 | 130 | 334 | 80 | 170 | 244 | 808 | 964 | 1,029,310 | 59,312 | 5,378 | 1,094,000 |
| Project Manual | 112 | 8 | | 16 | 40 | | | | | | 8 | 4 | 16 | | | 8 | 12 | | 23,680 | | | 23,680 |
| Schedule and Construction Cost | 90 | 4 | | 8 | 16 | 8 | 8 | | | | | 4 | 16 | | | 6 | 12 | 8 | 17,450 | | | 17,450 |
| Design Deliverables (3 submittals) | 72 | | | 6 | 12 | 24 | 24 | | | | 6 | | | | | | | | 11,490 | | 3,658 | 15,148 |
| Task 4: Bid Period Assistance | 56 | 2 | | 10 | 12 | 2 | | 4 | | | | 6 | 2 | | 2 | 4 | 8 | 4 | 11,750 | | 50 | 11,800 |
| Plan Revisions (16 hours) | 16 | | | | | 2 | | 4 | | | | | 2 | | 2 | | 2 | 4 | 2,350 | | | 2,350 |
| Specification Revisions (16 hours) | 16 | | | 2 | 4 | | | | | | | 4 | | | | 2 | 4 | | 3,630 | | | 3,630 |
| Bidder Questions (16 hours) | 16 | 2 | | 4 | 4 | | | | | | | 2 | | | | 2 | 2 | | 4,010 | | | 4,010 |
| Pre-Bid Meeting | 8 | | | 4 | 4 | | | | | | | | | | | | | | 1,760 | | 50 | 1,810 |
| Totals | 6,042 | 100 | 50 | 236 | 732 | 478 | 448 | 532 | 544 | 140 | 52 | 130 | 334 | 80 | 170 | 244 | 808 | 964 | 1,029,310 | 59,312 | 5,378 | 1,094,000 |