

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

May 23, 2022

CALL TO ORDER 5:00 p.m.

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

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=me94975bb693ac2a655576bb7e77f0db5>

Meeting Number (Access Code): 2492 147 4169

Meeting Password: TUhRPCip242

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 COMMENT NOTICE

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, May 23, 2022.

COMMUNICATIONS TO THE BOARD

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

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

PRESENTATION

4. WATEREUSE ASSOCIATION'S EXCELLENCE IN ACTION AWARD PRESENTED TO THE UNIVERSITY OF CALIFORNIA, IRVINE AND IRVINE RANCH WATER DISTRICT

Mr. Scott Lynch, President of the Orange County Chapter of WateReuse, will present IRWD an "Excellence in Action" award for its partnership project with the University of California Irvine to convert its central plant cooling towers to recycled water.

CONSENT CALENDAR, ITEMS 5-10

5. BOARD MEETING MINUTES

Recommendation: That the minutes of the May 9, 2022 Regular Board meeting be approved as presented.

6. RATIFY/APPROVE BOARD OF DIRECTORS' ATTENDANCE AT MEETINGS AND EVENTS IN 2022

Recommendation: That the Board ratify/approve the events for Steven Lamar, Douglas Reinhart, Peer Swan, and John Withers, as described.

7. APRIL 2022 TREASURY REPORTS

Recommendation: That the Board receive and file the Treasurer's Investment Summary Report, the summary of fixed and variable rate debt, and disclosure report of reimbursements to Board members and staff, approve the April 2022 summary of payroll ach payments in the total amount of \$2,172,565, and approve the April 2022 accounts payable disbursement summary of warrants 426152 through 426893, workers' compensation distributions, wire transfers, payroll withholding distributions and voided checks in the total amount of \$22,677,170.

8. 230 COMMERCE AND WATERWORKS BUSINESS PARK OFFICE PROPERTY LISTING AGREEMENT EXTENSION

Recommendation: That the Board approve an extension of the listing agreements for the 230 Commerce office property and Waterworks Business Park office property with the brokerage team of Colliers International through May 1, 2023 consistent with previously agreed-upon commission terms.

CONSENT CALENDAR, ITEMS 5-10 (continued)

9. REIMBURSEMENT AGREEMENT BETWEEN IRWD AND THE CITY OF IRVINE FOR THE FISCAL YEAR 2021-22 ANNUAL STREET REHABILITATION AND SLURRY SEAL PROJECT

Recommendation: That the Board authorize the General Manager to execute the Reimbursement Agreement between IRWD and the City of Irvine for Installation and Adjustment of Street Utilities to Grade for the FY 2021-22 Annual Street Rehabilitation and Slurry Seal Project, subject to non-substantive changes.

10. LAKE FOREST WOODS SEWER IMPROVEMENTS BUDGET INCREASE AND CONSULTANT SELECTION

Recommendation: That the Board authorize a budget increase for Project 11123 in the amount of \$4,960,000, from \$353,000 to \$5,313,000, and authorize the General Manager to execute a Professional Services Agreement with Woodard & Curran in the amount of \$428,075 for engineering design services for the Lake Forest Woods Sewer Improvements, Project 11123.

ACTION CALENDAR

11. 15 MG ZONE 1 RESERVOIR INTERIOR COATING AND IMPROVEMENTS BUDGET INCREASE AND CONTRACT CHANGE ORDER

Recommendation: That the Board authorize a budget increase for Project 05761 in the amount of \$1,131,825, from \$4,020,000 to \$5,151,825, and approve Contract Change Order No. 4 in the amount of \$791,975 and the addition of 42 calendar days to the contract time with Pacific Hydrotech Corporation for the 15 MG Zone 1 Reservoir Interior Coating and Improvements, Project 05761

12. 2022 LEGISLATIVE AND REGULATORY UPDATE

Recommendation: That the Board adopt an "Oppose Unless Amended" position on AB 2356 (Ting) and SB 1345 (Ochoa Bogh), a "Watch" position on AB 2536 (Grayson), and a "Support" position on ACR 180 (Bauer-Kahan).

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 factual 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.

13. General Manager's Report

14. Receive oral update(s) from District liaison(s) regarding communities within IRWD's service area and provide information on relevant community events.

15. Directors' Comments

16. Closed Session

1) 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

2) CONFERENCE WITH LABOR NEGOTIATOR- Pursuant to Government Code Section 54957.6


Agency Designated Representatives: Paul Cook, General Manager, and Tiffany Mitcham, Director of Human Resources

Employee Group: Managers, Supervisors and Confidential Employees

17. Open Session

18. 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.

May 23, 2022
Prepared and
submitted by: L. Bonkowski
Approved by: Paul A. Cook 

CONSENT CALENDAR

BOARD MEETING MINUTES

SUMMARY:

Provided are the minutes of the May 9, 2022 Regular Board meeting for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE MAY 9, 2022 REGULAR BOARD MEETING BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

Exhibit "A" – May 9, 2022 Minutes

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EXHIBIT "A"

MINUTES OF REGULAR MEETING –MAY 9, 2022

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 5:00 p.m. by Vice President McLaughlin on May 9, 2022 at the District offices, 15600 Sand Canyon Avenue, Irvine.

Directors Present: Withers, Swan, Reinhart and McLaughlin.

Directors Absent: LaMar.

Written and Oral Communications: None.

Also Present: General Manager Cook, Executive Director of Technical Services Burton, Executive Director of Operations Chambers, Executive Director of Finance and Administration Clary, Executive Director of Water Policy Weghorst, Director of Treasury and Risk Management Jacobson, Director of Recycling Operations Zepeda, Director of Water Resources Sanchez, Director of Human Resources Mitcham, Director of Maintenance Mykitta, Director of Safety and Security Choi, Director of Information Services Kaneshiro, Director of Water Quality and Regulatory Compliance Colston, Secretary Bonkowski, Facilities and Fleet Manager Tedescucci, General Counsel Collins, Consultant Newell, and members of the public and other staff.

PRESENTATIONS

SCIENCE FAIR WINNERS

Public Affairs Assistant Jordan presented awards to local students for their water-related projects entered in the Irvine Unified School District Science Fair.

NWRI UPDATE

Using a PowerPoint presentation, Mr. Kevin Hardy, Executive Director of the National Water Research Institute, provided an update of NWRI's current activities and research projects.

CONSENT CALENDAR

Director Swan requested that item Nos. 10 and 11 be moved to the Action Calendar for discussion, and these items were removed from the Consent Calendar. There being no further comments, on MOTION by Reinhart, seconded by Withers and unanimously carried, CONSENT CALENDAR ITEMS 6 THROUGH 9 AND 12 WERE APPROVED AS FOLLOWS:

6. BOARD MEETING MINUTES

Recommendation: That the minutes of the April 25, 2022 Regular Board meeting be approved as presented.

7. RATIFY/APPROVE BOARD OF DIRECTORS' ATTENDANCE AT MEETINGS AND EVENTS IN 2022

Recommendation: That the Board ratify/approve the events for Douglas Reinhart and John Withers, as described.

CONSENT CALENDAR (Continued)

8. REGISTRAR OF VOTERS INFORMATION REQUEST AND CANDIDATE STATEMENT WORD LIMIT FOR THE ELECTION OF THE BOARD OF DIRECTORS

Recommendation: That the Board authorize the District Secretary to file the “Transmittal of Election Information” form for each General Election confirming IRWD’s political and division boundaries, providing the Registrar of Voters with the requested information, selecting a 200-word limit for candidate statements of qualifications, and indicating that IRWD will not pay for the statements of qualifications.

9. DEEP AQUIFER TREATMENT SYSTEM MISCELLANEOUS REPAIR AND REHABILITATION FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the Deep Aquifer Treatment System Miscellaneous Repair and Rehabilitation, authorize the General Manager to file a Notice of Completion, and authorize the payment of the retention 35 days after recording the Notice of Completion for Project 11483.

12. TRUCK-MOUNTED CRANE PURCHASE CONTRACT AWARD

Recommendation: That the Board authorize the General Manager to execute a contract with Altec Industries, Inc. in the amount of \$366,954 for the purchase of one new truck-mounted crane.

ACTION CALENDAR

REVISED IRWD POLICY PRINCIPLES REGARDING METROPOLITAN WATER DISTRICT’S INTEGRATED WATER RESOURCES PLAN AND LOCAL RESOURCES PROGRAM

In response to Director Swan’s comments about paring down the document along with noting his concerns relative to prioritizing future local water project funding, General Manager Cook said that staff can create a condensed version as needed. It was further noted that the items of Director Swan’s concerns were included in the proposed version. Following discussion, on MOTION by Withers, seconded by Reinhart, and carried (Withers, McLaughlin, Reinhart voting aye, Swan voting no, and LaMar absent) (3-1-0), THE BOARD ADOPTED THE REVISED IRWD POLICY PRINCIPLES REGARDING METROPOLITAN WATER DISTRICT’S INTEGRATED WATER RESOURCES PLAN AND LOCAL RESOURCES PROGRAM, INCORPORATING REVISIONS REQUESTED BY THE BOARD ON APRIL 11, 2022.

ELEVATOR MODERNIZATION PROJECT CONTRACT AWARD

In response to Director Swan’s inquiry to learn more about the need to modernize the elevators, Facilities and Fleet Manager Tedescucci provided an overview of the work to be performed to ensure durability and reliability of the elevators including upgrading the fire and safety features. General Manager Cook noted that the exhibit provided all items requiring replacement for the 30-year-old elevators. On MOTION by Reinhart, seconded by McLaughlin and unanimously

carried, THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE A CONTRACT WITH TKE ELEVATOR CORPORATION IN THE AMOUNT OF \$112,059 FOR THE SAND CANYON BUILDING AND A CONTRACT WITH TKE ELEVATOR CORPORATION IN THE AMOUNT OF \$128,445 FOR THE MICHELSON WATER RECYCLING PLANT OPERATIONS CENTER FOR ELEVATOR MODERNIZATION.

SANTIAGO RESERVOIR IMPROVEMENTS PROJECT UPDATE AND CONSULTANT VARIANCE

Using a PowerPoint presentation. Engineering Manager of Dams and Storage Moeder provided background on the Santiago Reservoir Improvement Project. He reviewed the completed work since April 2020, a summary of the environmental activities, changed conditions since 2020, probable maximum flood and spillway hydraulic design criteria, impacts of updated hydraulic design criteria on overall design, transition to Risk-Informed Decision Making (RIDM)-based dam safety programs, RIDM and project impacts, and additional scope of work and fees. He said that AECOM submitted a variance in the amount of \$2,618,959 that includes items required to complete the design and RIDM-related items. The additional scope of work required to complete the design amounts to \$1,585,820 and includes additional geotechnical investigations and engineering costs to successfully complete the design of the larger and more complex spillway and outlet structure. The additional RIDM-related scope of work amounts to \$1,033,139 and includes completing risk analysis on the spillway and outlet improvements and geotechnical investigations focused on reducing uncertainties. He said that the revised design completion date is April 2024, one year past the original schedule. He further provided a summary of an updated “all-in” project cost, project schedule and next steps.

Director Reinhart said that this item was reviewed by the IRWD/Serrano Water District Committee on April 26, 2022, and noted that Serrano Water District’s share of the costs is 25%. He said that this item is scheduled for Serrano Water District Board approval on May 24. Following discussion, on MOTION by Reinhart, seconded by Swan and unanimously carried, THE BOARD APPROVED VARIANCE NO. 2 WITH AECOM IN THE AMOUNT OF \$2,618,959 FOR ADDITIONAL DESIGN PHASE SERVICES FOR THE SANTIAGO RESERVOIR IMPROVEMENTS, PROJECT 01813.

ONE-FOR-ONE EXCHANGE WITH DUDLEY RIDGE WATER DISTRICT

Executive Director of Water Policy Weghorst reported that the IRWD long-term unbalanced exchange program with Buena Vista Water Storage District allows Buena Vista to store its high-flow Kern River supplies on a two-for-one basis in IRWD’s Strand Ranch Integrated Banking Project. These Kern River supplies are referred to as “non-State Water Project (SWP)” supplies that are not exportable to IRWD’s service area. Mr. Weghorst said that in 2017, IRWD entered into a long-term one-for-one exchange agreement with Dudley Ridge Water District which allows IRWD to exchange its stored non-SWP supplies for an equal amount of Dudley Ridge Water District’s exportable SWP Table A water.

Mr. Weghorst said that based on the continued dry conditions statewide, Dudley Ridge landowners are evaluating their water needs for the year and are interested in using IRWD’s non-SWP supplies in Kern County consistent with the exchange agreement. He said that staff recommends the Board approve delivery of up to 5,000 acre-feet (AF) of IRWD’s stored non-SWP water for use in Kern County by Dudley Ridge landowners, and that in exchange, Dudley Ridge would return an equal amount of exportable Table A water to IRWD within five years. This water would then be banked for later use in IRWD’s service area.

Director Reinhart said that this item was reviewed by the Supply Reliability Programs Committee on April 27, 2022, and on MOTION by Reinhart, seconded by Swan and unanimously carried, THE BOARD APPROVED DELIVERY OF UP TO 5,000 ACRE-FEET OF IRWD'S STORED NON-SWP WATER FOR USE BY DUDLEY RIDGE WATER DISTRICT LANDOWNERS IN KERN COUNTY IN EXCHANGE FOR EXPORTABLE STATE WATER PROJECT TABLE A WATER FROM DUDLEY RIDGE WATER DISTRICT CONSISTENT WITH THE TERMS OF THE 2017 AGREEMENT BETWEEN DUDLEY RIDGE WATER DISTRICT AND IRVINE RANCH WATER DISTRICT FOR LONG-TERM EXCHANGE PROGRAM.

AMENDMENT NO. 1 TO AGREEMENT FOR PLANNING AND ENVIRONMENTAL REVIEW OF DELTA CONVEYANCE PROJECT

Executive Director of Water Policy Weghorst reported that in February 2021, IRWD entered into an agreement with Rosedale-Rio Bravo Water Storage District to participate in the planning of the proposed Delta Conveyance Project (DCP) through the Kern County Water Agency (KCWA). Mr. Weghorst said that the DCP would allow IRWD to receive water supply benefits from the State Water Project and potentially secure water supplies from north of the San Joaquin-Sacramento Delta for delivery to IRWD's Water Banks with fewer restrictions and reduced carriage losses. He said that to continue IRWD's participation over the next two years, Rosedale has requested that IRWD execute Amendment No. 1 to the agreement.

Director Reinhart said that this item was reviewed by the Supply Reliability Programs Committee on April 27, 2022, and on MOTION by Reinhart, seconded by Swan and unanimously carried, THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE AMENDMENT NO. 1 TO THE AGREEMENT BETWEEN ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT AND IRVINE RANCH WATER DISTRICT FOR PRELIMINARY PLANNING AND DESIGN COSTS RELATED TO A POTENTIAL DELTA CONVEYANCE PROJECT, SUBJECT TO NON-SUBSTANTIVE CHANGES APPROVED BY LEGAL COUNSEL.

OTHER BUSINESS

GENERAL MANAGER'S REPORT

General Manager Cook recognized Director of Maintenance Mykitta for his three years of service to the District and acknowledged his impending retirement.

COMMUNITY UPDATES

Consultant Newell provided an update of activities within the canyon including the Modjeska Bridge, SCE's potholing on Santiago Canyon Road, and recent discussions relative to helicopter water sources for use in future brush fires.

DIRECTOR COMMENTS

Director Reinhart reported on his attendance at an ACWA conference along with the meetings listed in the report.

Director Withers reported on his attendance at an ACC-OC installation of officers' event along with the meetings listed in the report.

Director Swan reported on his attendance at an ACWA conference and an OCBC Government Affairs Committee meeting, along with the meetings listed in the report.

Director McLaughlin said she had no meetings to report.

ADJOURNMENT

There being no further business, Vice President McLaughlin adjourned the meeting at 6:49 p.m.

APPROVED and SIGNED this 23rd day of May 2022.

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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May 23, 2022
Prepared and
submitted by: K. Swan
Approved by: Paul A. Cook *PAC*

CONSENT CALENDAR

RATIFY/APPROVE BOARD OF DIRECTORS'
ATTENDANCE AT MEETINGS AND EVENTS IN 2022

SUMMARY:

Pursuant to Resolution 2014-38 adopted on August 25, 2014, the following events and meetings require approval by the Board of Directors:

Steve LaMar

April 6	CW3E Virtual Spring WAG Meeting via teleconference
June 9	Candidate Interviews for CCEEB President, San Francisco
July 11-14	Association of California Water Agencies' Annual Washington, D.C. Conference
July 18-22	CCEEB Summer Issues Seminar, Olympic Valley

Douglas Reinhart

May 23	SOCWA Issues Discussion with the General Manager
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Peer Swan

June 22-24	California-United Water Conference: Caldor Fire Tour, El Dorado Hills
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John Withers

June 23	Association of California Cities, Orange County Quarterly Dinner Mixer featuring Orange County Economic Development Panel Discussion
June 19-22	VERDEXCHANGE VX2022 Conference, Los Angeles

RECOMMENDATION:

THAT THE BOARD RATIFY/APPROVE THE EVENTS FOR STEVEN LAMAR, DOUGLAS REINHART, PEER SWAN, AND JOHN WITHERS, AS DESCRIBED HEREIN.

LIST OF EXHIBITS:

None.

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May 23, 2022

Prepared by: O. Mendoza / J. Davis

Submitted by: R. Jacobson / C. Clary

Approved by: Paul A. Cook



CONSENT CALENDAR

APRIL 2022 TREASURY REPORT

SUMMARY:

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

- A. The April 2022 Investment Summary Report. This Investment Summary Report conforms with the 2022 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 April 30, 2022, as outlined in Exhibit "B";
- C. The Monthly Interest Rate Swap Summary as of April 30, 2022, as outlined in Exhibit "C";
- D. The April 30, 2022 Disbursement Summary of warrants 426152 through 426893, wire transfers, Workers' Compensation distributions, payroll withholding distributions, and voided checks in the total amount of \$22,677,170, as outlined in Exhibit "D";
- E. The Summary of Payroll ACH payments in the total amount of \$2,172,565 as outlined in Exhibit "E"; and
- F. The Disclosure Report of Reimbursements to Board members and staff for April 2022, detailing payments or reimbursements for individual charges of \$100 or more per transaction, as outlined in Exhibit "F".

FISCAL IMPACTS:

As of April 30, 2022, the book value of the investment portfolio was \$398,685,297, with a 0.58% rate of return and a market value of \$395,134,274. Based on IRWD's March 31, 2022, quarterly real estate investment rate of return of 12.41%, the weighted average return for the fixed income and real estate investments was 2.96%.

As of April 30, 2022, the outstanding principal amount of fixed and variable rate debt was \$623,195,000. The monthly weighted average all-in variable rate was 0.66%. Including IRWD's weighted average fixed rate bond issues of 3.71% 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 3.02%.

Payroll ACH payments totaled \$2,172,565 and wire transfers, all other ACH payments, and checks issued for debt service, accounts payable, payroll, and water purchases for April totaled \$22,677,170.

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:

This item was 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 DISCLOSURE REPORT OF REIMBURSEMENTS TO BOARD MEMBERS AND STAFF, APPROVE THE APRIL 2022 SUMMARY OF PAYROLL ACH PAYMENTS IN THE TOTAL AMOUNT OF \$2,172,565, AND APPROVE THE APRIL 2022 ACCOUNTS PAYABLE DISBURSEMENT SUMMARY OF WARRANTS 426152 THROUGH 426893, WORKERS' COMPENSATION DISTRIBUTIONS, WIRE TRANSFERS, PAYROLL WITHHOLDING DISTRIBUTIONS AND VOIDED CHECKS IN THE TOTAL AMOUNT OF \$22,677,170.

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

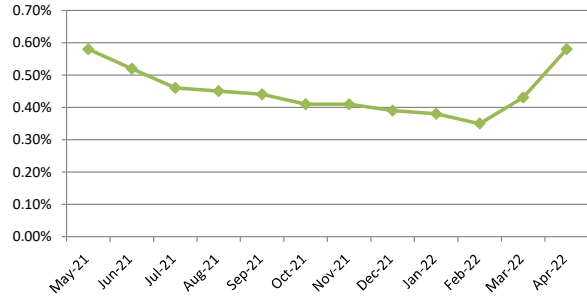
Exhibit "E" – Monthly Payroll ACH Summary

Exhibit "F" – Disclosure of Reimbursements to Board Members and Staff

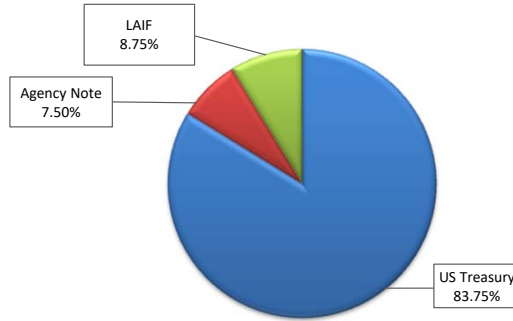
Exhibit "A"

Irvine Ranch Water District Investment Portfolio Summary April 2022

Monthly Fixed Income Yield



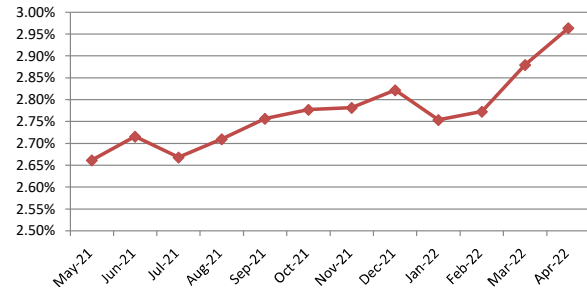
Portfolio Distribution



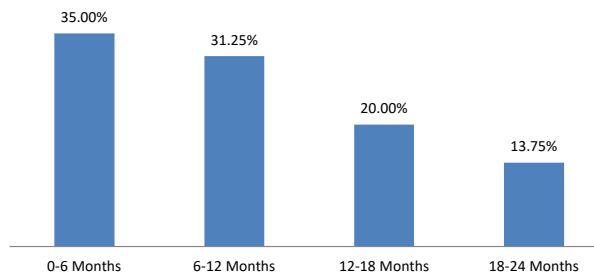
Investment Summary

Type	PAR	Book Value	Market Value
US Treasury	335,000,000	333,625,820	330,767,150
LAIF	35,000,000	35,000,000	34,606,374
Agency Note	30,000,000	30,059,477	29,760,750
Grand Total	400,000,000	398,685,297	395,134,274

Weighted Average Return Including Real Estate Portfolio



Maturity Distribution



Top Issuers

Issuer	PAR	% Portfolio
US Treasury	335,000,000	83.75%
State of California Tsy.	35,000,000	8.75%
Fed Farm Credit Bank	15,000,000	3.75%
Fed Home Loan Bank	15,000,000	3.75%
Grand Total	400,000,000	100.00%

IRVINE RANCH WATER DISTRICT
INVESTMENT SUMMARY REPORT

04/30/22

SETTLMT	Call Schedule	Initial Call	Maturity Date	Rating	INVESTMENT TYPE	INSTITUTION / ISSUER	PAR Amount	COUPON DISCOUNT	YIELD	ORIGINAL COST	CARRY VALUE	MARKET VALUE ⁽¹⁾ 4/30/2022	UNREALIZED ⁽²⁾ GAIN/(LOSS)
04/29/22			05/01/22		LAIF	State of California Tsy.	\$35,000,000		0.610%	\$35,000,000.00	\$35,000,000.00	34,606,373.83	(393,626.17)
08/12/21	NA	NA	05/31/22	Aaa/NR/AAA	Treasury - Note	US Treasury	10,000,000	1.750%	0.061%	10,135,156.25	10,018,054.38	10,010,100.00	(7,954.38)
04/22/21	NA	NA	06/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.082%	10,005,078.13	10,000,702.05	9,991,200.00	(9,502.05)
04/30/21	NA	NA	06/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.082%	5,002,539.06	5,000,357.61	4,995,600.00	(4,757.61)
05/28/21	NA	NA	06/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.064%	5,003,320.31	5,000,500.55	4,995,600.00	(4,900.55)
05/20/21	NA	NA	06/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	1.750%	0.065%	5,093,750.00	5,013,854.68	5,008,800.00	(5,054.68)
01/15/20	NA	NA	07/15/22	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	1.600%	1.594%	5,000,750.00	5,000,061.68	5,008,300.00	8,238.32
12/23/21	NA	NA	07/31/22	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.157%	9,998,046.88	9,999,192.12	9,980,100.00	(19,092.12)
04/28/21	NA	NA	08/31/22	Aaa/NR/NR	Treasury - Note	US Treasury	5,000,000	0.125%	0.102%	5,001,562.50	5,000,389.03	4,982,800.00	(17,589.03)
12/15/21	NA	NA	08/31/22	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	1.875%	0.188%	5,059,570.31	5,028,060.15	5,011,350.00	(16,710.15)
01/13/22	NA	NA	08/31/22	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.312%	4,994,140.63	4,996,891.99	4,982,800.00	(14,091.99)
02/15/22	NA	NA	08/31/22	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.776%	4,982,617.19	4,989,235.01	4,982,800.00	(6,435.01)
02/15/22	NA	NA	08/31/22	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.769%	4,982,812.50	4,989,355.96	4,982,800.00	(6,555.96)
04/28/21	NA	NA	09/09/22	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	2.000%	0.112%	5,128,632.30	5,033,769.20	5,013,750.00	(20,019.20)
12/03/21	NA	NA	09/30/22	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.210%	4,996,484.38	4,998,224.67	4,976,150.00	(22,074.67)
01/10/22	NA	NA	09/30/22	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.332%	4,992,578.13	4,995,710.55	4,976,150.00	(19,560.55)
02/28/22	NA	NA	09/30/22	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.742%	4,982,031.25	4,987,237.15	4,976,150.00	(11,087.15)
03/23/22	NA	NA	09/30/22	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.937%	9,957,812.50	9,966,426.70	9,952,300.00	(14,126.70)
04/22/21	NA	NA	10/31/22	Aaa/NR/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.110%	10,002,343.75	10,003,504.41	9,932,800.00	(70,704.41)
12/23/21	NA	NA	10/31/22	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.253%	9,989,062.50	9,993,584.74	9,932,800.00	(60,784.74)
04/11/22	NA	NA	10/31/22	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	1.235%	9,939,062.50	9,945,066.19	9,932,800.00	(12,266.19)
05/20/21	NA	NA	11/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.103%	5,001,647.15	5,000,627.63	4,957,400.00	(43,227.63)
12/20/21	NA	NA	11/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.266%	9,986,718.75	9,991,800.27	9,914,800.00	(77,000.27)
01/07/22	NA	NA	11/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.401%	4,987,695.31	4,991,985.02	4,957,400.00	(34,585.02)
10/15/21	NA	NA	12/15/22	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	1.625%	0.140%	10,173,046.88	10,092,616.64	9,998,100.00	(94,516.64)
11/30/21	NA	NA	12/31/22	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.216%	9,990,234.38	9,993,982.80	9,893,400.00	(100,582.80)
09/30/21	NA	NA	01/31/23	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.143%	4,998,828.13	4,999,339.62	4,935,950.00	(63,389.62)
12/30/21	NA	NA	01/31/23	Aaa/NR/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.417%	9,968,359.38	9,978,082.69	9,871,900.00	(106,182.69)
02/28/22	NA	NA	01/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	1.070%	4,956,640.63	4,964,617.72	4,935,950.00	(28,667.72)
11/18/21	NA	NA	02/10/23	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	10,000,000	0.160%	0.285%	9,984,690.00	9,990,282.07	9,879,300.00	(110,982.07)
10/07/21	NA	NA	02/28/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.181%	9,992,187.50	9,995,349.34	9,849,200.00	(146,149.34)
09/09/21	NA	NA	03/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.153%	9,995,703.13	9,997,473.32	9,827,000.00	(170,473.32)
11/02/21	NA	NA	03/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.308%	4,987,109.38	4,991,623.60	4,913,500.00	(78,123.60)
09/30/21	NA	NA	04/30/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.202%	9,987,890.63	9,992,360.81	9,802,000.00	(190,360.81)
10/19/21	NA	NA	04/30/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.307%	9,972,265.63	9,981,908.05	9,802,000.00	(179,908.05)
11/16/21	NA	NA	05/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.385%	9,960,156.25	9,971,946.02	9,779,300.00	(192,646.02)
12/29/21	NA	NA	06/30/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.563%	4,967,187.50	4,974,552.35	4,876,350.00	(98,202.35)
04/21/22	NA	NA	06/30/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	1.375%	2.107%	9,914,062.50	9,916,038.07	9,896,100.00	(19,938.07)
01/11/22	NA	NA	07/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.710%	4,954,882.81	4,963,651.17	4,862,300.00	(101,351.17)
02/28/22	NA	NA	07/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	1.408%	4,909,960.94	4,920,737.82	4,862,300.00	(58,437.82)
01/13/22	NA	NA	08/15/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.769%	9,898,437.50	9,917,381.80	9,714,800.00	(202,581.80)
02/15/22	NA	NA	08/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	1.473%	4,898,046.88	4,911,652.72	4,849,200.00	(62,452.72)
11/26/21	NA	NA	09/30/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.250%	0.572%	9,941,015.63	9,954,688.08	9,693,800.00	(260,888.08)
03/31/22	NA	NA	10/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	1.625%	2.155%	4,958,984.38	4,961,180.38	4,935,350.00	(25,830.38)
04/21/22	NA	NA	10/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	1.625%	2.380%	4,943,750.00	4,944,758.06	4,935,350.00	(9,408.06)
03/31/22	NA	NA	11/30/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.500%	2.210%	4,860,742.19	4,867,830.85	4,840,250.00	(27,580.85)
04/21/22	NA	NA	11/30/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.500%	2.462%	4,846,093.75	4,848,711.20	4,840,250.00	(8,461.20)
04/14/22	NA	NA	12/15/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	2.213%	4,829,687.50	4,834,433.91	4,806,850.00	(27,583.91)
03/22/22	NA	NA	01/31/24	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.875%	2.013%	4,896,484.38	4,902,573.53	4,850,000.00	(52,573.53)
03/22/22	NA	NA	02/29/24	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	1.500%	2.020%	4,950,781.25	4,953,558.05	4,898,050.00	(55,508.05)
03/10/22	NA	NA	03/08/24	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	10,000,000	1.875%	1.680%	10,035,080.00	10,035,363.73	9,859,400.00	(175,963.73)
04/21/22	NA	NA	04/30/24	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	2.000%	2.600%	9,882,421.88	9,884,010.77	9,865,200.00	(18,810.77)

IRVINE RANCH WATER DISTRICT
INVESTMENT SUMMARY REPORT

04/30/22

SETTLMT	Call Schedule	Initial Call	Maturity Date	Rating	INVESTMENT TYPE	INSTITUTION / ISSUER	PAR Amount	COUPON DISCOUNT	YIELD	ORIGINAL COST	CARRY VALUE	MARKET VALUE ⁽¹⁾ 4/30/2022	UNREALIZED ⁽²⁾ GAIN/(LOSS)
SUB-TOTAL							<u>\$400,000,000</u>			<u>\$398,881,143.29</u>	<u>\$398,685,296.94</u>	<u>\$395,134,273.83</u>	<u>(\$3,551,023.11)</u>
<u>TOTAL INVESTMENTS</u>							<u>\$400,000,000</u>			<u>\$398,881,143.29</u>	<u>\$398,685,296.94</u>	<u>\$395,134,273.83</u>	<u>(\$3,551,023.11)</u>
					Petty Cash Ck Balance	Bank of America		ECR	0.19%	3,400.00 5,602,971.99			
										<u>\$404,487,515.28</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

Outstanding Variable Rate Debt	\$237,300,000
Net Outstanding Variable Rate Debt (Less \$60 million fixed-payer swaps)	\$177,300,000
Investment Balance:	\$404,487,515
Investment to Variable Rate Debt Ratio:	228%
Portfolio - Average Number of Days To Maturity	278

	Investment Portfolio	Real Estate ⁽³⁾ Portfolio	Weighted Avg. Return
April	0.58%	12.41%	2.96%
March	0.43%	12.41%	2.88%
Change	0.15%		0.08%

This Investment Summary Report is in conformity with the 2022 Investment Policy and provides sufficient liquidity to meet the next six months estimated expenditures.
*S - Step up

IRVINE RANCH WATER DISTRICT
SUMMARY OF MATURITIES

04/30/22

DATE	TOTAL	%	LAIF	Agency Notes	Agency Discount Notes	Municipal Bonds	US Treasury
04/22	35,000,000	8.75%	\$35,000,000				
05/22	10,000,000	2.50%					10,000,000
06/22	25,000,000	6.25%					25,000,000
07/22	15,000,000	3.75%		5,000,000			10,000,000
08/22	25,000,000	6.25%					25,000,000
09/22	30,000,000	7.50%		5,000,000			25,000,000
10/22	30,000,000	7.50%					30,000,000
11/22	20,000,000	5.00%					20,000,000
12/22	20,000,000	5.00%					20,000,000
1/23	20,000,000	5.00%					20,000,000
2/23	20,000,000	5.00%		10,000,000			10,000,000
3/23	15,000,000	3.75%					15,000,000
SUB-TOTAL	\$265,000,000	66.25%	\$35,000,000	\$20,000,000			\$210,000,000

13 Months - 3 YEARS							
04/01/2023 - 06/30/2023	\$45,000,000	11.25%					45,000,000
07/01/2023 - 09/30/2023	\$35,000,000	8.75%					35,000,000
10/01/2023 +	\$55,000,000	13.75%		10,000,000			45,000,000
TOTALS	\$400,000,000	100.00%	\$35,000,000	30,000,000	-		335,000,000

% OF PORTFOLIO

8.75%

7.50%

83.75%

Irvine Ranch Water District
Summary of Real Estate - Income Producing Investments
3/31/2022

	ACQUISITION DATE	PROPERTY TYPE	OWNERSHIP INTEREST	ORIGINAL COST	MARKET VALUE 6/30/2021	ANNUALIZED RATE OF RETURN QUARTER ENDED 3/31/2022
Sycamore Canyon	Dec-92	Apartments	Fee Simple	\$ 43,550,810	\$ 170,000,000	22.20%
Wood Canyon Villas	Jun-91	Apartments	Limited Partner	\$ 6,000,000	\$ 32,258,924	8.51%
ITC (230 Commerce)	Jul-03	Office Building	Fee Simple	\$ 5,739,845	\$ 12,000,000	9.95%
Waterworks Business Pk.	Nov-08	Research & Dev.	Fee Simple	\$ 8,630,577	\$ 11,600,000	8.82%
Sand Canyon Professional Center - Medical Office	Jul-12	Medical Office	Fee Simple	\$ 8,648,594	\$ 11,900,000	9.64%
Sand Canyon Professional Center - General Office	Sep-20	Office Building	Fee Simple	\$ 25,985,968	\$ 33,250,000	-0.44%
Total - Income Properties				\$ 98,555,794	\$ 271,008,924	12.41%

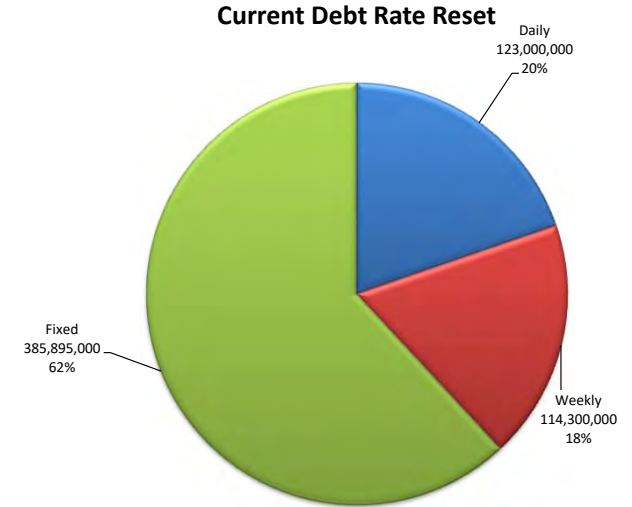
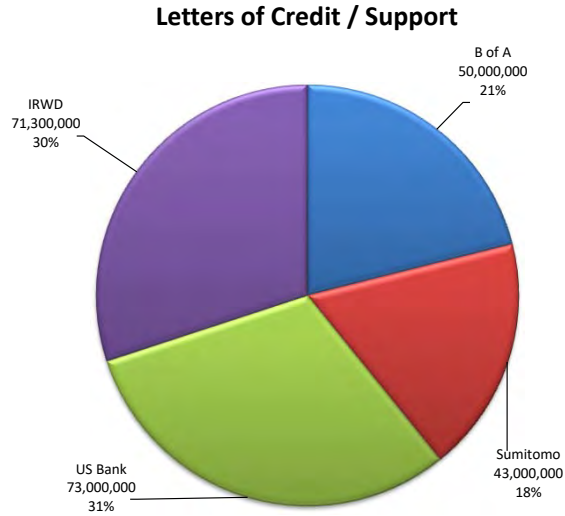
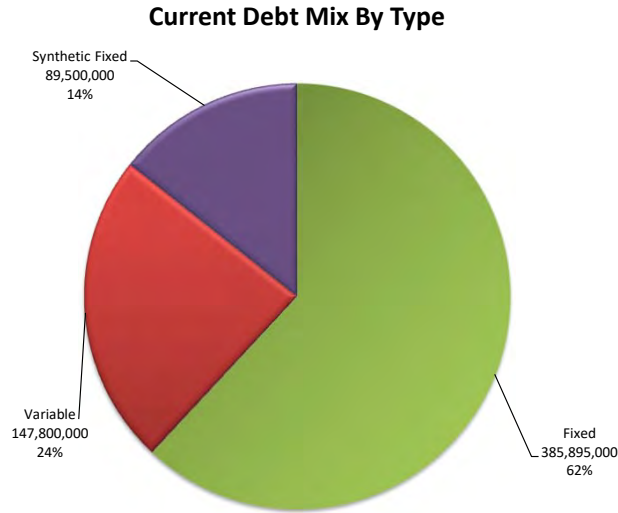
IRVINE RANCH WATER DISTRICT INVESTMENT SUMMARY REPORT
INVESTMENT ACTIVITY
Apr-22

MATURITIES/SALES/CALLS

PURCHASES

DATE	SECURITY TYPE	PAR	YIELD	Settlement Date	Maturity Date	SECURITY TYPE	PAR	YIELD TO MATURITY
4/14/2022	FFCB - Note	\$5,000,000	1.41%	4/11/2022	10/31/2022	Treasury - Note	\$10,000,000	1.24%
4/21/2022	FFCB - Note	\$10,000,000	0.32%	4/14/2022	12/15/2023	Treasury - Note	\$5,000,000	2.21%
				4/21/2022	6/30/2023	Treasury - Note	\$10,000,000	2.11%
				4/21/2022	10/31/2023	Treasury - Note	\$5,000,000	2.38%
				4/21/2022	11/30/2023	Treasury - Note	\$5,000,000	2.46%
				4/21/2022	4/30/2024	Treasury - Note	\$10,000,000	2.60%

Exhibit "B"
Irvine Ranch Water District
Summary of Fixed and Variable Rate Debt
April 2022



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	\$23,000,000	3.69%	US Bank	BAML	Variable	Daily
Series 2008-A Refunding	04/24/08	07/01/35	\$43,000,000	6.90%	Sumitomo	BAML	Variable	Weekly
Series 2011-A-1 Refunding	04/15/11	10/01/37	\$42,780,000	6.86%	IRWD	Goldman	Variable	Weekly
Series 2011-A-2 Refunding	04/15/11	10/01/37	\$28,520,000	4.58%	IRWD	Goldman	Variable	Weekly
Series 2009 - A	06/04/09	10/01/41	\$50,000,000	8.02%	US Bank	US Bank	Variable	Daily
Series 2009 - B	06/04/09	10/01/41	\$50,000,000	8.02%	B of A	Goldman	Variable	Daily
2016 COPS	09/01/16	03/01/46	\$109,650,000	17.59%	N/A	N/A	Fixed	Fixed
2010 Build America Taxable Bond	12/16/10	05/01/40	\$175,000,000	28.08%	N/A	N/A	Fixed	Fixed
Series 2016	10/12/16	02/01/46	\$101,245,000	16.25%	N/A	N/A	Fixed	Fixed
Total			\$623,195,000	100.00%				

SUMMARY OF DEBT RATES
Apr-22

Rmkt Agent Mode	GOLDMAN DAILY	GOLDMAN WEEKLY	GOLDMAN WEEKLY	MERRILL LYNCH DAILY	MERRILL LYNCH WEEKLY	US BANK DAILY
Bond Issue	2009 - B	2011 A-1	2011 A-2	1993	2008-A	2009-A
Par Amount	50,000,000	42,780,000	28,520,000	23,000,000	43,000,000	50,000,000
LOC Bank	BOFA	(SIFMA + 6)	(SIFMA + 6)	US BANK	Sumitomo	US BANK
Reset		Wednesday	Wednesday		Wednesday	
4/1/2022	0.21%	0.57%	0.57%	0.24%	0.47%	0.34%
4/2/2022	0.21%	0.57%	0.57%	0.24%	0.47%	0.34%
4/3/2022	0.21%	0.57%	0.57%	0.24%	0.47%	0.34%
4/4/2022	0.16%	0.57%	0.57%	0.22%	0.47%	0.27%
4/5/2022	0.10%	0.57%	0.57%	0.14%	0.47%	0.21%
4/6/2022	0.08%	0.57%	0.57%	0.11%	0.47%	0.17%
4/7/2022	0.06%	0.53%	0.53%	0.10%	0.42%	0.15%
4/8/2022	0.06%	0.53%	0.53%	0.09%	0.42%	0.14%
4/9/2022	0.06%	0.53%	0.53%	0.09%	0.42%	0.14%
4/10/2022	0.06%	0.53%	0.53%	0.09%	0.42%	0.14%
4/11/2022	0.06%	0.53%	0.53%	0.09%	0.42%	0.13%
4/12/2022	0.06%	0.53%	0.53%	0.10%	0.42%	0.14%
4/13/2022	0.12%	0.53%	0.53%	0.15%	0.42%	0.16%
4/14/2022	0.24%	0.52%	0.52%	0.26%	0.41%	0.24%
4/15/2022	0.24%	0.52%	0.52%	0.26%	0.41%	0.24%
4/16/2022	0.24%	0.52%	0.52%	0.26%	0.41%	0.24%
4/17/2022	0.24%	0.52%	0.52%	0.26%	0.41%	0.24%
4/18/2022	0.24%	0.52%	0.52%	0.26%	0.41%	0.27%
4/19/2022	0.24%	0.52%	0.52%	0.24%	0.41%	0.29%
4/20/2022	0.26%	0.52%	0.52%	0.28%	0.41%	0.27%
4/21/2022	0.31%	0.52%	0.52%	0.34%	0.41%	0.36%
4/22/2022	0.31%	0.52%	0.52%	0.34%	0.41%	0.37%
4/23/2022	0.31%	0.52%	0.52%	0.34%	0.41%	0.37%
4/24/2022	0.31%	0.52%	0.52%	0.34%	0.41%	0.37%
4/25/2022	0.27%	0.52%	0.52%	0.34%	0.41%	0.35%
4/26/2022	0.27%	0.52%	0.52%	0.28%	0.41%	0.35%
4/27/2022	0.27%	0.52%	0.52%	0.28%	0.41%	0.32%
4/28/2022	0.27%	0.50%	0.50%	0.28%	0.40%	0.33%
4/29/2022	0.25%	0.50%	0.50%	0.27%	0.40%	0.32%
4/30/2022	0.25%	0.50%	0.50%	0.27%	0.40%	0.32%
Avg Interest Rates	0.20%	0.53%	0.53%	0.23%	0.42%	0.26%
Rmkt Fee	0.10%	0.13%	0.13%	0.10%	0.07%	0.07%
LOC Fee	0.30%			0.30%	0.32%	0.30%
All-In Rate	0.60%	0.65%	0.65%	0.63%	0.81%	0.63%
Par Amount	92,780,000		28,520,000	66,000,000		50,000,000

	Percent of Total Variable Rate Debt	Par Outstanding	Weighted All-In Average Rate	Base Rate Average
Interest Rate Mode				
Daily	51.83%	123,000,000	0.62%	0.23%
Weekly	48.17%	114,300,000	0.71%	0.49%
	100.00%	\$ 237,300,000	0.66%	0.36%
Fixed				
COPS 2016	28.41%	109,650,000	2.90%	
BABS 2010	45.35%	175,000,000	4.44%	(1)
SERIES 2016	26.24%	101,245,000	3.32%	
	100.00%	\$ 385,895,000	3.71%	
All-In Debt Rate Including \$60 Million Notional Amount of Swaps				3.02%

(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
April 2022

	Prior Mo.	Current Mo.	12-Mo Avg
LIBOR Avg %	0.40%	0.60%	0.17%

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	Cumulative Net Accrual	Current Mark to Market	Notional Difference

Fixed Payer Swaps - By Effective Date													
3/10/2007	3/10/2029	6.9	ML	30,000,000	FXP	LIBOR	5.687%	(149,725)	(122,292)	(1,380,433)	(21,139,700)	24,638,482	(5,361,518)
3/10/2007	3/10/2029	6.9	CG	30,000,000	FXP	LIBOR	5.687%	(149,725)	(122,292)	(1,380,433)	(21,139,700)	24,642,767	(5,357,233)
Totals/Weighted Avgs				6.9	\$ 60,000,000		5.687%	\$ (299,450)	\$ (244,584)	\$ (2,760,866)	\$ (42,279,399)	\$ 49,281,249	\$ (10,718,751)

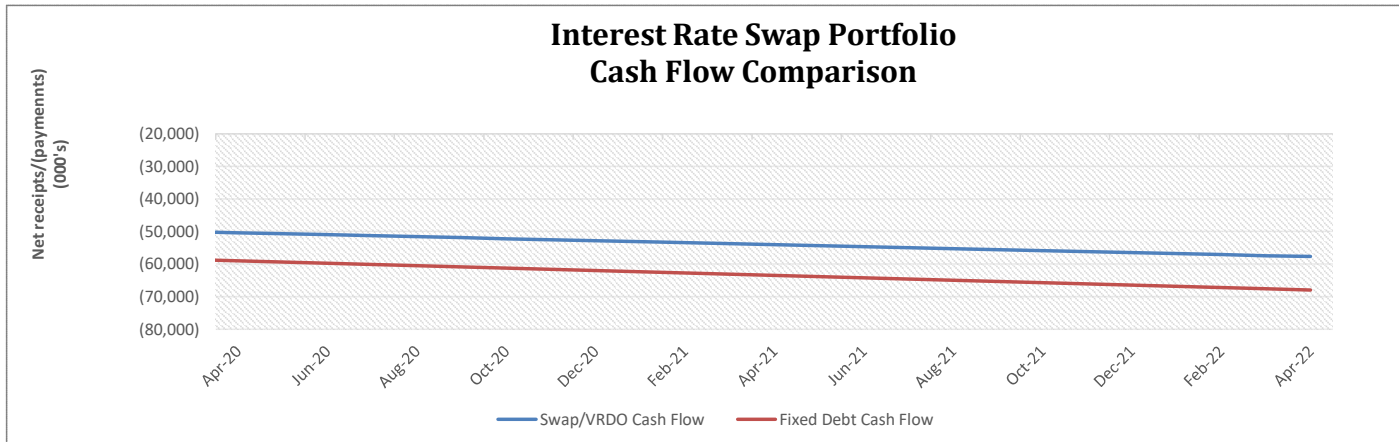
Total Current Year Active Swaps \$ 60,000,000 \$ (299,450) \$ (244,584) \$ (2,760,866) \$ (42,279,399) \$ 49,281,249 \$ (10,718,751)

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	
								Prior Month	Current Month	Fiscal YTD	Cumulative Net Accrual	Current Mark to Market	Notional Difference

Total Current Year Active & Terminated Swaps \$ 60,000,000 \$ (299,450) \$ (244,584) \$ (2,760,866) \$ (42,279,399) \$ 49,281,249 \$ (10,718,751)



Cash Flow Comparison	
Synthetic Fixed vs. Fixed Rate Debt	
Cash Flow to Date	
Synthetic Fixed =	\$57,693,903
Fixed Rate =	\$67,953,060
Assumptions:	
- Fixed rate debt issued at 4.93% in Mar-07 (estimated TE rate - Bloomberg)	
- 'Synthetic' includes swap cash flow + interest + fees to date	

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Exhibit "D"
IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR APR 2022

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
426152	7-Apr-22	Crowe, David M (David)	1,823.82	IRWD Check	Reconciled
426153	7-Apr-22	Davis, Jennifer R (Jennifer)	765.96	IRWD Check	Reconciled
426154	7-Apr-22	Drake, Danielle	50.00	IRWD Check	Reconciled
426155	7-Apr-22	Frost, Garrick A (Garrick)	170.00	IRWD Check	Reconciled
426156	7-Apr-22	Jacobson, Robert C (Rob)	16.05	IRWD Check	Negotiable
426157	7-Apr-22	Koenig, Timothy (Tim)	165.00	IRWD Check	Reconciled
426158	7-Apr-22	Oldewage, Lars D (Lars)	380.18	IRWD Check	Reconciled
426159	7-Apr-22	Sanchez, George (George)	283.00	IRWD Check	Reconciled
426160	7-Apr-22	Silva, Constantino (Tino)	110.00	IRWD Check	Reconciled
426161	7-Apr-22	GOVERNMENTJOBS.COM, INC.	446.25	IRWD Check	Reconciled
426162	7-Apr-22	ABSOLUTE STANDARDS, INC.	312.50	IRWD Check	Reconciled
426163	7-Apr-22	ACCUSOURCE, INC.	750.40	IRWD Check	Reconciled
426164	7-Apr-22	AECOM TECHNICAL SERVICES, INC.	274,761.25	IRWD Check	Reconciled
426165	7-Apr-22	AERATION INDUSTRIES INTERNATIONAL INC	28,580.69	IRWD Check	Reconciled
426166	7-Apr-22	AGILENT TECHNOLOGIES, INC.	1,394.23	IRWD Check	Reconciled
426167	7-Apr-22	AIRGAS, INC.	1,864.12	IRWD Check	Reconciled
426168	7-Apr-22	ALCOR SOLUTIONS, INC	16,200.00	IRWD Check	Reconciled
426169	7-Apr-22	ALL AMERICAN ASPHALT	71.08	IRWD Check	Reconciled
426170	7-Apr-22	AMAZON CAPITAL SERVICES, INC.	4,871.33	IRWD Check	Reconciled
426171	7-Apr-22	ANDRITZ SEPARATION, INC.	1,864.60	IRWD Check	Reconciled
426172	7-Apr-22	AQUA-METRIC SALES COMPANY	1,026.61	IRWD Check	Reconciled
426173	7-Apr-22	ARANT, ANITA	36.46	IRWD Check	Negotiable
426174	7-Apr-22	ARDURRA GROUP, INC.	26,830.00	IRWD Check	Reconciled
426175	7-Apr-22	ASSOCIATION OF CALIFORNIA WATER AGENCIES/JPIA	37,973.96	IRWD Check	Reconciled
426176	7-Apr-22	AT&T	3,392.97	IRWD Check	Reconciled
426177	7-Apr-22	AT&T	56.60	IRWD Check	Reconciled
426178	7-Apr-22	AT&T	387.61	IRWD Check	Reconciled
426179	7-Apr-22	BATTERIES PLUS AND BATTERIES PLUS BULBS	2,161.88	IRWD Check	Reconciled
426180	7-Apr-22	BEACHWALK INC	19.48	IRWD Check	Reconciled
426181	7-Apr-22	BEVERLY CABADA AND SCOTT MATULICH	37.14	IRWD Check	Reconciled
426182	7-Apr-22	BOOT WORLD, INC.	225.00	IRWD Check	Reconciled
426183	7-Apr-22	BRENEMAN, AMI	25.87	IRWD Check	Reconciled
426184	7-Apr-22	BRETZMANN, SAM	1.99	IRWD Check	Negotiable
426185	7-Apr-22	BRINTON, DENNIS	2,090.11	IRWD Check	Reconciled
426186	7-Apr-22	BROOKFIELD EASTWOOD TRIPLEX LLC	225.42	IRWD Check	Negotiable
426187	7-Apr-22	BROWN AND CALDWELL	610.72	IRWD Check	Reconciled
426188	7-Apr-22	BURLINGTON SAFETY LABORATORY OF CALIFORNIA INC	74.61	IRWD Check	Reconciled
426189	7-Apr-22	C WELLS PIPELINE MATERIALS INC	1,297.85	IRWD Check	Reconciled
426190	7-Apr-22	CAI, ZHUOYAO	145.54	IRWD Check	Negotiable
426191	7-Apr-22	CALIFORNIA DEPARTMENT OF TAX AND FEE ADMINISTRATION	1,126.00	IRWD Check	Reconciled
426192	7-Apr-22	CALIFORNIA PACIFIC HOMES	36.34	IRWD Check	Reconciled
426193	7-Apr-22	CANON SOLUTIONS AMERICA, INC.	904.44	IRWD Check	Reconciled
426194	7-Apr-22	CAPTIVE AUDIENCE MARKETING INC.	158.00	IRWD Check	Reconciled
426195	7-Apr-22	CDW GOVERNMENT LLC	5,189.86	IRWD Check	Reconciled
426196	7-Apr-22	CHA, YOONHA	19.64	IRWD Check	Negotiable
426197	7-Apr-22	CHANG, NANCY	46.77	IRWD Check	Reconciled
426198	7-Apr-22	CHEM TECH INTERNATIONAL INC	2,280.00	IRWD Check	Reconciled
426199	7-Apr-22	CHENG, QIJIN	23.36	IRWD Check	Reconciled
426200	7-Apr-22	CHOI, JUSTIN	41.44	IRWD Check	Reconciled
426201	7-Apr-22	CITY OF TUSTIN	301.86	IRWD Check	Reconciled
426202	7-Apr-22	CLA-VAL COMPANY	2,697.56	IRWD Check	Reconciled
426203	7-Apr-22	CLEAN ENERGY	7,244.52	IRWD Check	Reconciled
426204	7-Apr-22	CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC	7,495.31	IRWD Check	Reconciled
426205	7-Apr-22	CONSTELLATION NEWENERGY, INC.	149,437.23	IRWD Check	Reconciled
426206	7-Apr-22	COTTONS POINT DESIGN, INC.	1,379.72	IRWD Check	Reconciled
426207	7-Apr-22	COX COMMUNICATIONS, INC.	278.78	IRWD Check	Reconciled
426208	7-Apr-22	D & H WATER SYSTEMS INC.	3,477.12	IRWD Check	Reconciled
426209	7-Apr-22	DAVIS, DIANE	107.78	IRWD Check	Reconciled
426210	7-Apr-22	DMI DIRECT	77.26	IRWD Check	Reconciled
426211	7-Apr-22	DOYLE,KATHLEEN	24.72	IRWD Check	Negotiable
426212	7-Apr-22	DRAKE TRAFFIC CONTROL SERVICES INC	2,730.00	IRWD Check	Reconciled
426213	7-Apr-22	DUNN, MELANIE	321.88	IRWD Check	Reconciled
426214	7-Apr-22	E&M ELECTRIC AND MACHINERY, INC.	4,105.00	IRWD Check	Reconciled
426215	7-Apr-22	EHS INTERNATIONAL,INC	940.50	IRWD Check	Reconciled
426216	7-Apr-22	ELITE AUTOMOTIVE SERVICE, LLC	233.65	IRWD Check	Reconciled
426217	7-Apr-22	EMD MILLIPORE CORP.	6,061.78	IRWD Check	Reconciled
426218	7-Apr-22	ENTERPRISE HOLDINGS, INC.	7,316.13	IRWD Check	Reconciled
426219	7-Apr-22	ENVIRONMENTAL EQUIPMENT SUPPLY	1,314.64	IRWD Check	Negotiable
426220	7-Apr-22	ENVIRONMENTAL EXPRESS INC	1,889.47	IRWD Check	Reconciled
426221	7-Apr-22	ENVIRONMENTAL RESOURCE ASSOCIATES	458.71	IRWD Check	Reconciled
426222	7-Apr-22	ENVIRONMENTAL SCIENCE ASSOCIATES	2,634.23	IRWD Check	Reconciled

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR APR 2022**

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
426223	7-Apr-22	ESMOND, CHRIS	42.78	IRWD Check	Negotiable
426224	7-Apr-22	ESRI	32,389.59	IRWD Check	Reconciled
426225	7-Apr-22	EUROFINS ENVIRONMENT TESTING AMERICA HOLDINGS, INC.	2,089.50	IRWD Check	Reconciled
426226	7-Apr-22	EXECUTIVE LIGHTING & ELECTRIC	1,867.49	IRWD Check	Reconciled
426227	7-Apr-22	FASTBLUE COMMUNICATIONS INC.	1,917.00	IRWD Check	Reconciled
426228	7-Apr-22	FERGUSON ENTERPRISES, LLC	4,300.99	IRWD Check	Reconciled
426229	7-Apr-22	FIRST CHOICE SERVICES	3,033.21	IRWD Check	Reconciled
426230	7-Apr-22	FISHER SCIENTIFIC COMPANY LLC	4,883.15	IRWD Check	Reconciled
426231	7-Apr-22	FITCH RATINGS, INC.	5,000.00	IRWD Check	Reconciled
426232	7-Apr-22	FLEET SOLUTIONS LLC	5,759.20	IRWD Check	Reconciled
426233	7-Apr-22	FONTANES, DARIA	29.34	IRWD Check	Reconciled
426234	7-Apr-22	FOREMAN, JERRY	23.78	IRWD Check	Negotiable
426235	7-Apr-22	GANAHL LUMBER CO.	1,346.76	IRWD Check	Reconciled
426236	7-Apr-22	GARDEN COMMUNITIES	629.85	IRWD Check	Negotiable
426237	7-Apr-22	GARVIN, DAWN	45.00	IRWD Check	Reconciled
426238	7-Apr-22	GEA MECHANICAL EQUIPMENT US, INC.	21,492.37	IRWD Check	Reconciled
426239	7-Apr-22	GFS CHEMICALS, INC.	208.36	IRWD Check	Reconciled
426240	7-Apr-22	GONZALES, CARLOS	63.61	IRWD Check	Negotiable
426241	7-Apr-22	GRAINGER	3,916.96	IRWD Check	Reconciled
426242	7-Apr-22	GRAYBAR ELECTRIC COMPANY	578.20	IRWD Check	Reconciled
426243	7-Apr-22	HAIGH, TOM	852.60	IRWD Check	Reconciled
426244	7-Apr-22	HAN, SU	40.97	IRWD Check	Reconciled
426245	7-Apr-22	HARRINGTON INDUSTRIAL PLASTICS LLC	1,736.88	IRWD Check	Reconciled
426246	7-Apr-22	HAZEN AND SAWYER	2,965.00	IRWD Check	Reconciled
426247	7-Apr-22	HELPMATES STAFFING SERVICES	3,264.00	IRWD Check	Reconciled
426248	7-Apr-22	HELPMATES STAFFING SERVICES LLC	4,721.74	IRWD Check	Reconciled
426249	7-Apr-22	HEMANT PANDIT AND LALITA PANDIT	242.21	IRWD Check	Reconciled
426250	7-Apr-22	HI-LINE INC	981.00	IRWD Check	Reconciled
426251	7-Apr-22	HILL BROTHERS CHEMICAL COMPANY	6,945.96	IRWD Check	Reconciled
426252	7-Apr-22	HJERPE, LORALYN	37.58	IRWD Check	Reconciled
426253	7-Apr-22	HOME DEPOT USA INC	776.59	IRWD Check	Reconciled
426254	7-Apr-22	HONG, SOON PHIL	30.73	IRWD Check	Negotiable
426255	7-Apr-22	HORN, LEW	78.60	IRWD Check	Reconciled
426256	7-Apr-22	HUANG, KENZO	22.70	IRWD Check	Reconciled
426257	7-Apr-22	HUMANA INSURANCE COMPANY	105.30	IRWD Check	Reconciled
426258	7-Apr-22	ICON OWNER POOL 1 LA BUSINESS PARKS LLC	39.48	IRWD Check	Negotiable
426259	7-Apr-22	ILAND INTERNET SOLUTION CORPORATION	5,880.00	IRWD Check	Reconciled
426260	7-Apr-22	IMPERIAL SPRINKLER SUPPLY, INC.	318.74	IRWD Check	Reconciled
426261	7-Apr-22	INDUSTRIAL METAL SUPPLY CO	112.81	IRWD Check	Reconciled
426262	7-Apr-22	INSITE TELECOM, LLC	19,286.00	IRWD Check	Reconciled
426263	7-Apr-22	IRVINE COMPANY APARTMENT DEVELOPMENT	1,550.60	IRWD Check	Reconciled
426264	7-Apr-22	IRVINE PIPE & SUPPLY INC	2,207.18	IRWD Check	Reconciled
426265	7-Apr-22	IRWD-PETTY CASH CUSTODIAN	1,170.69	IRWD Check	Reconciled
426266	7-Apr-22	IWAGAMI, HIDE	18.41	IRWD Check	Reconciled
426267	7-Apr-22	JCI JONES CHEMICALS INC	3,114.11	IRWD Check	Reconciled
426268	7-Apr-22	JIA, XIAOYAN	77.67	IRWD Check	Reconciled
426269	7-Apr-22	JOHN MICHAEL COVAS	216.90	IRWD Check	Negotiable
426270	7-Apr-22	KANG, FAITH	19.94	IRWD Check	Negotiable
426271	7-Apr-22	KB HOMES	162.81	IRWD Check	Reconciled
426272	7-Apr-22	KIMBALL MIDWEST	120.68	IRWD Check	Reconciled
426273	7-Apr-22	LANDCARE HOLDINGS, INC.	195,559.61	IRWD Check	Reconciled
426274	7-Apr-22	LANDSEA HOLDINGS CORPORATION	432.89	IRWD Check	Negotiable
426275	7-Apr-22	LEE, RONALD	45.57	IRWD Check	Reconciled
426276	7-Apr-22	LILLESTRAND LEADERSHIP CONSULTING, INC.	20,048.13	IRWD Check	Reconciled
426277	7-Apr-22	LIN, CHIA-HUEI	104.84	IRWD Check	Reconciled
426278	7-Apr-22	LOPEZ, MARTHA	29.90	IRWD Check	Reconciled
426279	7-Apr-22	LOWANCE, CHRISTIAN	24.83	IRWD Check	Reconciled
426280	7-Apr-22	LSA ASSOCIATES INC	503.64	IRWD Check	Reconciled
426281	7-Apr-22	LYON COMMUNITIES	22.97	IRWD Check	Negotiable
426282	7-Apr-22	MAC CLOWRY, ROBERT	28.89	IRWD Check	Reconciled
426283	7-Apr-22	MAP COMMUNICATIONS, INC.	704.07	IRWD Check	Reconciled
426284	7-Apr-22	MARK COMPANY	2,600.00	IRWD Check	Negotiable
426285	7-Apr-22	MBF CONSULTING, INC.	15,761.59	IRWD Check	Reconciled
426286	7-Apr-22	MCCLAINS FURNITURE	880.00	IRWD Check	Reconciled
426287	7-Apr-22	MERIDETH, TAHNEE	69.50	IRWD Check	Reconciled
426288	7-Apr-22	MOHAMMED SADEGHI, MOHSEN	55.20	IRWD Check	Reconciled
426289	7-Apr-22	MORSHEDIZADEH, SIMI	43.12	IRWD Check	Reconciled
426290	7-Apr-22	MR CRANE INC	1,320.00	IRWD Check	Reconciled
426291	7-Apr-22	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY	2,555.99	IRWD Check	Reconciled
426292	7-Apr-22	MUZYKA, NATALYA	47.47	IRWD Check	Negotiable
426293	7-Apr-22	NEW DIMENSION GENERAL CONSTRUCTION	34,732.81	IRWD Check	Reconciled

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR APR 2022**

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
426294	7-Apr-22	NOV PROCESS & FLOW TECHNOLOGIES US, INC.	1,990.62	IRWD Check	Reconciled
426295	7-Apr-22	O.C. SUPERIOR CUSTOM CLEANING	4,640.00	IRWD Check	Reconciled
426296	7-Apr-22	OLIN CORPORATION	57,254.74	IRWD Check	Reconciled
426297	7-Apr-22	ONESOURCE DISTRIBUTORS LLC	16,317.62	IRWD Check	Reconciled
426298	7-Apr-22	OPENDOOR LABS INC	51.97	IRWD Check	Negotiable
426299	7-Apr-22	ORACLE AMERICA, INC.	3,400.89	IRWD Check	Reconciled
426300	7-Apr-22	ORANGE COUNTY AUTO PARTS CO	478.88	IRWD Check	Reconciled
426301	7-Apr-22	ORANGE COUNTY FIRE PROTECTION	495.00	IRWD Check	Reconciled
426302	7-Apr-22	ORANGE COUNTY TREASURER	125,000.00	IRWD Check	Reconciled
426303	7-Apr-22	ORIGIN CONSULTING LLC	4,020.00	IRWD Check	Reconciled
426304	7-Apr-22	PACIFIC PARTS & CONTROLS INC	1,866.45	IRWD Check	Reconciled
426305	7-Apr-22	PAPER DEPOT DOCUMENT DESTRUCTION LLC	208.00	IRWD Check	Reconciled
426306	7-Apr-22	PREMIER PAVING INC.	2,841.25	IRWD Check	Reconciled
426307	7-Apr-22	PRUDENTIAL OVERALL SUPPLY	8,861.79	IRWD Check	Reconciled
426308	7-Apr-22	PYRO-COMM SYSTEMS INC	2,836.36	IRWD Check	Reconciled
426309	7-Apr-22	QUADIENT FINANCE USA, INC.	66.62	IRWD Check	Reconciled
426310	7-Apr-22	RACHIO, INC.	2,500.00	IRWD Check	Reconciled
426311	7-Apr-22	RAM AIR ENGINEERING INC	3,314.23	IRWD Check	Reconciled
426312	7-Apr-22	RANCHO ALISAL APTS	38.53	IRWD Check	Reconciled
426313	7-Apr-22	REACH EMPLOYEE ASSISTANCE INC	1,066.80	IRWD Check	Reconciled
426314	7-Apr-22	RED WING SHOE STORE	1,450.90	IRWD Check	Reconciled
426315	7-Apr-22	REDDY, SRIDHAR	73.77	IRWD Check	Reconciled
426316	7-Apr-22	RELIANCE STANDARD LIFE INSURANCE COMPANY	31,436.75	IRWD Check	Reconciled
426317	7-Apr-22	RESTEK CORPORATION	242.34	IRWD Check	Reconciled
426318	7-Apr-22	RHONDA, RUNDLE	15.03	IRWD Check	Reconciled
426319	7-Apr-22	RINCON TRUCK CENTER INC.	347.83	IRWD Check	Reconciled
426320	7-Apr-22	RJM DESIGN GROUP INC	7,123.75	IRWD Check	Reconciled
426321	7-Apr-22	SANTA ANA BLUE PRINT	193.95	IRWD Check	Reconciled
426322	7-Apr-22	SANTA MARGARITA FORD	447.75	IRWD Check	Reconciled
426323	7-Apr-22	SANTAS, ANN	29.34	IRWD Check	Reconciled
426324	7-Apr-22	SAUERS LOPEZ CONSTRUCTION	1,556.49	IRWD Check	Reconciled
426325	7-Apr-22	SE PIPELINE CONSTRUCTION CO	341.94	IRWD Check	Reconciled
426326	7-Apr-22	SEAL ANALYTICAL INC	4,340.00	IRWD Check	Reconciled
426327	7-Apr-22	SECURITAS SECURITY SERVICES USA, INC.	5,323.19	IRWD Check	Reconciled
426328	7-Apr-22	SHADOW OAKS APTS	155.68	IRWD Check	Reconciled
426329	7-Apr-22	SHUPP, JANET	88.63	IRWD Check	Reconciled
426330	7-Apr-22	SMITH SYSTEM DRIVER IMPROVEMENT INSTITUTE, INC.	1,529.89	IRWD Check	Reconciled
426331	7-Apr-22	SNARR, ANTHONY	431.73	IRWD Check	Reconciled
426332	7-Apr-22	SOLANA APTS	122.42	IRWD Check	Reconciled
426333	7-Apr-22	SOUTHERN CALIFORNIA EDISON COMPANY	4,989.73	IRWD Check	Reconciled
426334	7-Apr-22	SOUTHERN CALIFORNIA EDISON COMPANY	6,896.50	IRWD Check	Reconciled
426335	7-Apr-22	SOUTHERN CALIFORNIA EDISON COMPANY	154,691.65	IRWD Check	Reconciled
426336	7-Apr-22	SOUTHWEST VALVE & EQUIPMENT INC	61,425.11	IRWD Check	Reconciled
426337	7-Apr-22	SPARKLETTS	153.37	IRWD Check	Reconciled
426338	7-Apr-22	STANFIELD, DONALD	976.73	IRWD Check	Reconciled
426339	7-Apr-22	STETSON ENGINEERS INC.	3,657.75	IRWD Check	Reconciled
426340	7-Apr-22	STRAYER, ROBERT G	48.09	IRWD Check	Negotiable
426341	7-Apr-22	SUEZ TREATMENT SOLUTIONS INC.	2,883.22	IRWD Check	Reconciled
426342	7-Apr-22	SUNSHINE SUPPLY COMPANY, INC.	4,074.70	IRWD Check	Reconciled
426343	7-Apr-22	TANKVISIONS, INC	30.00	IRWD Check	Reconciled
426344	7-Apr-22	TEKDRAULICS	1,273.04	IRWD Check	Negotiable
426345	7-Apr-22	TESCO CONTROLS, INC.	18,800.00	IRWD Check	Reconciled
426346	7-Apr-22	TETRA TECH, INC	950.00	IRWD Check	Reconciled
426347	7-Apr-22	THE IRVINE COMPANY LLC	316.90	IRWD Check	Reconciled
426348	7-Apr-22	THIAGARAJAH, RENGA	1,250.00	IRWD Check	Reconciled
426349	7-Apr-22	THOMPSON & PHIPPS INC	457.32	IRWD Check	Reconciled
426350	7-Apr-22	TOTAL RESOURCE MANAGEMENT, INC	127.50	IRWD Check	Reconciled
426351	7-Apr-22	TRAFFIC MANAGEMENT, INC	1,114.00	IRWD Check	Reconciled
426352	7-Apr-22	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA	6,249.46	IRWD Check	Reconciled
426353	7-Apr-22	UNITED HEALTHCARE INSURANCE COMPANY	48.94	IRWD Check	Reconciled
426354	7-Apr-22	UNITED PARCEL SERVICE INC	36.00	IRWD Check	Reconciled
426355	7-Apr-22	USA BLUEBOOK	468.15	IRWD Check	Reconciled
426356	7-Apr-22	UTOPIA MANAGEMENT	25.00	IRWD Check	Reconciled
426357	7-Apr-22	VAKIL, SIDHRA	322.03	IRWD Check	Reconciled
426358	7-Apr-22	VERIZON WIRELESS SERVICES LLC	7,897.53	IRWD Check	Reconciled
426359	7-Apr-22	VERTECH INDUSTRIAL SYSTEMS, LLC	18,965.93	IRWD Check	Reconciled
426360	7-Apr-22	VULCAN MATERIALS COMPANY	3,942.47	IRWD Check	Reconciled
426361	7-Apr-22	WANG, MIKE	25.27	IRWD Check	Negotiable
426362	7-Apr-22	WANG, WEIDONG	19.30	IRWD Check	Reconciled
426363	7-Apr-22	WASTE MANAGEMENT COLLECTIONS AND RECYCLING, INC.	3,066.68	IRWD Check	Reconciled
426364	7-Apr-22	WATERSMART SOFTWARE INC	15,175.02	IRWD Check	Reconciled

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR APR 2022**

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
426365	7-Apr-22	WECK LABORATORIES INC	2,299.00	IRWD Check	Reconciled
426366	7-Apr-22	WESTAMERICA COMMUNICATIONS, INC.	1,350.00	IRWD Check	Reconciled
426367	7-Apr-22	WILLARD, DEBORAH	390.80	IRWD Check	Negotiable
426368	7-Apr-22	WINDWOOD GLEN	21.39	IRWD Check	Reconciled
426369	7-Apr-22	WINDWOOD KNOLL APTS	68.36	IRWD Check	Reconciled
426370	7-Apr-22	WON, HONGYUN	161.07	IRWD Check	Reconciled
426371	7-Apr-22	WOODBIDGE LAURELS	1,517.84	IRWD Check	Reconciled
426372	7-Apr-22	WORKFORCE SAFETY LLC	1,500.00	IRWD Check	Negotiable
426373	7-Apr-22	YSI, INC	477.55	IRWD Check	Reconciled
426374	7-Apr-22	YU, JAMES	265.64	IRWD Check	Negotiable
426375	7-Apr-22	FRANCHISE TAX BOARD	853.67	IRWD Check	Reconciled
426376	7-Apr-22	PERS LONG TERM CARE	612.63	IRWD Check	Reconciled
426377	7-Apr-22	INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS LOCAL 47	3,342.03	IRWD Check	Reconciled
426378	14-Apr-22	Bornhoff, Mike (Mike)	106.00	IRWD Check	Negotiable
426379	14-Apr-22	Cho, Harry K (Harry)	55.00	IRWD Check	Reconciled
426380	14-Apr-22	Drake, Danielle	55.00	IRWD Check	Reconciled
426381	14-Apr-22	Melendez, Evan	210.00	IRWD Check	Reconciled
426382	14-Apr-22	Paulson, David	1,264.27	IRWD Check	Reconciled
426383	14-Apr-22	Vu, Johnny T (Johnny)	200.00	IRWD Check	Reconciled
426384	14-Apr-22	Webster, Tanner	145.45	IRWD Check	Reconciled
426385	14-Apr-22	Willis, Andrew R (Andrew)	210.00	IRWD Check	Reconciled
426386	14-Apr-22	ABM INDUSTRY GROUPS, LLC	34,442.09	IRWD Check	Reconciled
426387	14-Apr-22	ACE INDUSTRIES, INC.	2,183.99	IRWD Check	Reconciled
426388	14-Apr-22	ADAM'S FALCONRY SERVICE, LLC	1,820.00	IRWD Check	Reconciled
426389	14-Apr-22	AECOM TECHNICAL SERVICES, INC.	37,295.00	IRWD Check	Reconciled
426390	14-Apr-22	ALCOR SOLUTIONS, INC	5,400.00	IRWD Check	Reconciled
426391	14-Apr-22	ALEXANDER'S CONTRACT SERVICES, INC.	129,047.70	IRWD Check	Reconciled
426392	14-Apr-22	ALSTON & BIRD LLP	54,000.15	IRWD Check	Reconciled
426393	14-Apr-22	AMWINS GROUP BENEFITS LLC	1,046.42	IRWD Check	Reconciled
426394	14-Apr-22	AT&T	98.67	IRWD Check	Reconciled
426395	14-Apr-22	AT&T	1,127.18	IRWD Check	Reconciled
426396	14-Apr-22	AVISTA TECHNOLOGIES, INC	11,240.97	IRWD Check	Reconciled
426397	14-Apr-22	AZTEC CONTAINER	2,241.22	IRWD Check	Reconciled
426398	14-Apr-22	BEST DRILLING AND PUMP, INC.	48,016.32	IRWD Check	Reconciled
426399	14-Apr-22	BOFA SECURITIES, INC.	13,536.99	IRWD Check	Reconciled
426400	14-Apr-22	BOOT WORLD, INC.	225.00	IRWD Check	Reconciled
426401	14-Apr-22	CENTROID SYSTEMS, INC.	1,045.00	IRWD Check	Reconciled
426402	14-Apr-22	CITY OF TUSTIN	448.67	IRWD Check	Reconciled
426403	14-Apr-22	COAST PLUMBING HEATING AND AIR, INC	69.00	IRWD Check	Reconciled
426404	14-Apr-22	COASTAL OCCUPATIONAL MEDICAL GROUP, INC.	85.00	IRWD Check	Reconciled
426405	14-Apr-22	COLLIERS INTERNATIONAL GREATER LOS ANGELES INC.	68,456.89	IRWD Check	Reconciled
426406	14-Apr-22	CONSERV CONSTRUCTION INC.	3,365.00	IRWD Check	Reconciled
426407	14-Apr-22	CONSTELLATION NEWENERGY, INC.	18,276.66	IRWD Check	Reconciled
426408	14-Apr-22	CORELOGIC INC	81.03	IRWD Check	Reconciled
426409	14-Apr-22	CUSHMAN & WAKEFIELD OF CALIFORNIA, INC.	103,119.48	IRWD Check	Reconciled
426410	14-Apr-22	D & H WATER SYSTEMS INC.	2,982.98	IRWD Check	Reconciled
426411	14-Apr-22	DATA CLEAN CORPORATION	840.00	IRWD Check	Reconciled
426412	14-Apr-22	DRAKE TRAFFIC CONTROL SERVICES INC	3,410.00	IRWD Check	Reconciled
426413	14-Apr-22	DUKE'S ROOT CONTROL INC	53,761.78	IRWD Check	Reconciled
426414	14-Apr-22	ENVIRONMENTAL RESOURCE ASSOCIATES	690.06	IRWD Check	Reconciled
426415	14-Apr-22	EQUALTOX, LLC	33,125.00	IRWD Check	Reconciled
426416	14-Apr-22	FERGUSON ENTERPRISES, LLC	274.41	IRWD Check	Reconciled
426417	14-Apr-22	FERREIRA CONSTRUCTION COMPANY, INC.	29,630.50	IRWD Check	Reconciled
426418	14-Apr-22	FIERRO, SERGIO D	3,960.00	IRWD Check	Reconciled
426419	14-Apr-22	FIRST CHOICE SERVICES	1,398.77	IRWD Check	Reconciled
426420	14-Apr-22	FOUGHT, CYNTHIA J.	60.19	IRWD Check	Reconciled
426421	14-Apr-22	FRONTIER CALIFORNIA INC.	58.47	IRWD Check	Reconciled
426422	14-Apr-22	GANNETT FLEMING, INC.	477.00	IRWD Check	Reconciled
426423	14-Apr-22	GCI CONSTRUCTION, INC.	278,979.62	IRWD Check	Reconciled
426424	14-Apr-22	GOLDMAN, SACHS & CO. LLC	12,328.77	IRWD Check	Reconciled
426425	14-Apr-22	GRAINGER	513.43	IRWD Check	Reconciled
426426	14-Apr-22	GSRP ST SOLAR I LLC	14,421.40	IRWD Check	Reconciled
426427	14-Apr-22	HACH COMPANY	2,912.00	IRWD Check	Reconciled
426428	14-Apr-22	HAZEN AND SAWYER	3,016.25	IRWD Check	Reconciled
426429	14-Apr-22	HELPMATES STAFFING SERVICES	1,264.80	IRWD Check	Reconciled
426430	14-Apr-22	HELPMATES STAFFING SERVICES LLC	1,405.20	IRWD Check	Reconciled
426431	14-Apr-22	HOME DEPOT USA INC	20.41	IRWD Check	Reconciled
426432	14-Apr-22	HOYA OPTICAL LABS OF AMERICA, INC.	211.00	IRWD Check	Reconciled
426433	14-Apr-22	IMPERIAL SPRINKLER SUPPLY, INC.	195.14	IRWD Check	Reconciled
426434	14-Apr-22	INDUSTRIAL NETWORKING SOLUTIONS	1,842.93	IRWD Check	Reconciled
426435	14-Apr-22	INFOSEND, INC.	54,206.13	IRWD Check	Reconciled

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR APR 2022**

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
426436	14-Apr-22	INNOVATIVE MACHINE TOOL REPAIR LLC	779.53	IRWD Check	Reconciled
426437	14-Apr-22	INTEGRITY MUNICIPAL SERVICES LLC	2,575.00	IRWD Check	Reconciled
426438	14-Apr-22	IRON MOUNTAIN INFORMATION MANAGEMENT INC	676.61	IRWD Check	Reconciled
426439	14-Apr-22	IRVINE PIPE & SUPPLY INC	6,019.04	IRWD Check	Reconciled
426440	14-Apr-22	JONES LANG LASALLE BROKERAGE, INC.	399,756.00	IRWD Check	Reconciled
426441	14-Apr-22	KOREAN CULTURAL CENTER	2,500.00	IRWD Check	Reconciled
426442	14-Apr-22	LANCER SALES USA, INC.	436.39	IRWD Check	Reconciled
426443	14-Apr-22	LANDCARE HOLDINGS, INC.	29,432.99	IRWD Check	Reconciled
426444	14-Apr-22	LEE & RO, INC.	12,722.28	IRWD Check	Reconciled
426445	14-Apr-22	LILLESTRAND LEADERSHIP CONSULTING, INC.	880.00	IRWD Check	Reconciled
426446	14-Apr-22	LINDE GAS & EQUIPMENT INC.	735.21	IRWD Check	Reconciled
426447	14-Apr-22	LINDSAY POLIC CONSULTING, INC.	9,200.00	IRWD Check	Reconciled
426448	14-Apr-22	LINKEDIN CORPORATION	4,103.72	IRWD Check	Reconciled
426449	14-Apr-22	MATHUR, RISHABH	32.12	IRWD Check	Negotiable
426450	14-Apr-22	MCBRATNEY, JEFF B	125.43	IRWD Check	Reconciled
426451	14-Apr-22	MERRIMAC PETROLEUM, INC.	36,806.93	IRWD Check	Reconciled
426452	14-Apr-22	MICROSOFT CORPORATION	20.00	IRWD Check	Reconciled
426453	14-Apr-22	N1 CRITICAL TECHNOOGIES, INC	1,939.65	IRWD Check	Reconciled
426454	14-Apr-22	NATIONAL WATER RESOURCES ASSOCIATION INC	525.00	IRWD Check	Negotiable
426455	14-Apr-22	NEWPORT BEACH CHAMBER OF COMMERCE	2,500.00	IRWD Check	Reconciled
426456	14-Apr-22	NOVAK, PAUL	72.60	IRWD Check	Negotiable
426457	14-Apr-22	OPERATION TECHNOLOGY, INC.	1,647.00	IRWD Check	Reconciled
426458	14-Apr-22	ORANGE COUNTY AUTO PARTS CO	670.38	IRWD Check	Reconciled
426459	14-Apr-22	ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT	2,898.86	IRWD Check	Negotiable
426460	14-Apr-22	ORANGE COUNTY SANITATION DISTRICT	193,339.93	IRWD Check	Reconciled
426461	14-Apr-22	PACIFIC HYDROTECH CORPORATION	4,157.98	IRWD Check	Reconciled
426462	14-Apr-22	PACIFIC HYDROTECH CORPORATION	943,075.50	IRWD Check	Reconciled
426463	14-Apr-22	PACIFIC HYDROTECH CORPORATION	34,641.02	IRWD Check	Reconciled
426464	14-Apr-22	PACIFIC HYDROTECH CORPORATION	10,881.91	IRWD Check	Reconciled
426465	14-Apr-22	PARKHOUSE TIRE INC	3,144.08	IRWD Check	Reconciled
426466	14-Apr-22	PASCAL & LUDWIG CONSTRUCTORS	2,290.85	IRWD Check	Reconciled
426467	14-Apr-22	PASCAL & LUDWIG CONSTRUCTORS	43,526.15	IRWD Check	Reconciled
426468	14-Apr-22	PELLETIER & ASSOCIATES, INC.	598.00	IRWD Check	Reconciled
426469	14-Apr-22	PENN ARCHIVE SERVICES	80.27	IRWD Check	Reconciled
426470	14-Apr-22	PMC ENGINEERING LLC.	7,440.76	IRWD Check	Reconciled
426471	14-Apr-22	PRUDENTIAL OVERALL SUPPLY	11,535.25	IRWD Check	Reconciled
426472	14-Apr-22	PSOMAS	2,627.50	IRWD Check	Reconciled
426473	14-Apr-22	PYRO-COMM SYSTEMS INC	715.00	IRWD Check	Reconciled
426474	14-Apr-22	RED WING SHOE STORE	1,672.77	IRWD Check	Reconciled
426475	14-Apr-22	REFRIGERATION SUPPLIES DISTRIBUTOR	8.12	IRWD Check	Reconciled
426476	14-Apr-22	RENTOKIL NORTH AMERICA, INC	486.00	IRWD Check	Reconciled
426477	14-Apr-22	RODNEY HARMSWORTH ASSOCIATES, INC.	5,383.00	IRWD Check	Reconciled
426478	14-Apr-22	SECURITAS SECURITY SERVICES USA, INC.	71,950.07	IRWD Check	Reconciled
426479	14-Apr-22	SIRIUS COMPUTER SOLUTIONS INC	87,776.32	IRWD Check	Reconciled
426480	14-Apr-22	SMALDINO, SCOTT	450.00	IRWD Check	Reconciled
426481	14-Apr-22	SMITH SYSTEM DRIVER IMPROVEMENT INSTITUTE, INC.	6,121.90	IRWD Check	Reconciled
426482	14-Apr-22	SOUTH COAST WATER CO.	95.00	IRWD Check	Reconciled
426483	14-Apr-22	SOUTHERN CALIFORNIA EDISON COMPANY	1,106,373.42	IRWD Check	Reconciled
426484	14-Apr-22	SOUTHERN CALIFORNIA GAS COMPANY	50.35	IRWD Check	Reconciled
426485	14-Apr-22	STERIS CORPORATION	5,540.80	IRWD Check	Reconciled
426486	14-Apr-22	SUSAN A. SIROTA	4,755.00	IRWD Check	Reconciled
426487	14-Apr-22	T.E. ROBERTS, INC.	36,564.39	IRWD Check	Reconciled
426488	14-Apr-22	TAIT ENVIRONMENTAL SERVICES, INC.	675.00	IRWD Check	Reconciled
426489	14-Apr-22	TETRA TECH, INC	430.00	IRWD Check	Reconciled
426490	14-Apr-22	TICIC SUB LLC	511.52	IRWD Check	Negotiable
426491	14-Apr-22	UTILITY SYSTEMS SCIENCE & SOFTWARE INC.	870.00	IRWD Check	Reconciled
426492	14-Apr-22	V&A CONSULTING ENGINEERS	761.50	IRWD Check	Reconciled
426493	14-Apr-22	WANG, ZHONG	46.37	IRWD Check	Reconciled
426494	14-Apr-22	WASTE MANAGEMENT COLLECTIONS AND RECYCLING, INC.	1,100.36	IRWD Check	Reconciled
426495	14-Apr-22	WAXIE'S ENTERPRISES, INC	450.83	IRWD Check	Reconciled
426496	14-Apr-22	WECK LABORATORIES INC	120.00	IRWD Check	Reconciled
426497	14-Apr-22	WEST YOST & ASSOCIATES, INC.	8,885.25	IRWD Check	Reconciled
426498	14-Apr-22	WORKFORCE SAFETY LLC	4,500.00	IRWD Check	Negotiable
426499	14-Apr-22	ZEBRON CONTRACTING INC	3,930.00	IRWD Check	Reconciled
426500	21-Apr-22	Barreto, Gustavo (Gus)	167.00	IRWD Check	Negotiable
426501	21-Apr-22	Castaneda, Natalie N (Natalie)	1,260.67	IRWD Check	Negotiable
426502	21-Apr-22	Fabris, John	67.25	IRWD Check	Negotiable
426503	21-Apr-22	Garcia, Alejandro (Alex)	2,811.30	IRWD Check	Reconciled
426504	21-Apr-22	Moeder, Jacob J (Jacob)	302.87	IRWD Check	Reconciled
426505	21-Apr-22	Nicholson, Darin	173.15	IRWD Check	Reconciled
426506	21-Apr-22	Phuong, Sophia	76.27	IRWD Check	Reconciled

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR APR 2022**

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
426507	21-Apr-22	Rivenburg, Deniene H	550.00	IRWD Check	Reconciled
426508	21-Apr-22	Saldana Rodriguez, Cristina	116.37	IRWD Check	Reconciled
426509	21-Apr-22	Tobar, Javier M (Javier)	110.28	IRWD Check	Reconciled
426510	21-Apr-22	Zaragoza, Anthony	155.00	IRWD Check	Negotiable
426511	21-Apr-22	GRAINGER	2,463.10	IRWD Check	Reconciled
426512	21-Apr-22	A&Y ASPHALT CONTRACTORS, INC.	80,298.18	IRWD Check	Reconciled
426513	21-Apr-22	AAF INTERNATIONAL	1,264.72	IRWD Check	Reconciled
426514	21-Apr-22	ABSOLUTE STANDARDS, INC.	320.00	IRWD Check	Reconciled
426515	21-Apr-22	ACE INDUSTRIES, INC.	3,417.46	IRWD Check	Reconciled
426516	21-Apr-22	ADVANCED CALIBRATION DESIGNS INC	958.00	IRWD Check	Reconciled
426517	21-Apr-22	AGILENT TECHNOLOGIES, INC.	251,506.69	IRWD Check	Reconciled
426518	21-Apr-22	AIRGAS, INC.	467.56	IRWD Check	Reconciled
426519	21-Apr-22	ALLIANCE APPRAISAL, LLC	3,000.00	IRWD Check	Reconciled
426520	21-Apr-22	AM CONSERVATION GROUP, INC.	406.84	IRWD Check	Reconciled
426521	21-Apr-22	AMAZON CAPITAL SERVICES, INC.	7,042.54	IRWD Check	Reconciled
426522	21-Apr-22	AMERICAN GEOTECHNICAL, INC.	4,563.75	IRWD Check	Reconciled
426523	21-Apr-22	APCO GRAPHICS INC	144.23	IRWD Check	Reconciled
426524	21-Apr-22	APPLIED ENGINEERING CONCEPTS	10,280.00	IRWD Check	Reconciled
426525	21-Apr-22	ARDURRA GROUP, INC.	27,100.00	IRWD Check	Reconciled
426526	21-Apr-22	AT&T	1,869.36	IRWD Check	Reconciled
426527	21-Apr-22	AT&T	13,056.71	IRWD Check	Reconciled
426528	21-Apr-22	ATTORNEY GENERAL'S REGISTRY OF CHARITABLE TRUSTS	150.00	IRWD Check	Negotiable
426529	21-Apr-22	AUTOMOX INC.	31,230.00	IRWD Check	Reconciled
426530	21-Apr-22	AUTOZONE PARTS, INC.	609.69	IRWD Check	Reconciled
426531	21-Apr-22	BC RENTALS, LLC	861.15	IRWD Check	Reconciled
426532	21-Apr-22	BIOMAGIC INC	7,082.09	IRWD Check	Reconciled
426533	21-Apr-22	BORCHARD SURVEYING & MAPPING, INC.	8,535.00	IRWD Check	Reconciled
426534	21-Apr-22	BROOMFIELD, RICHARD	76.61	IRWD Check	Reconciled
426535	21-Apr-22	C WELLS PIPELINE MATERIALS INC	8,313.99	IRWD Check	Reconciled
426536	21-Apr-22	CALIFORNIA BARRICADE RENTAL, INC.	19,368.50	IRWD Check	Reconciled
426537	21-Apr-22	CALIFORNIA DEPARTMENT OF TAX AND FEE ADMINISTRATION	806.00	IRWD Check	Reconciled
426538	21-Apr-22	CANNON CORPORATION	4,586.00	IRWD Check	Reconciled
426539	21-Apr-22	CANON FINANCIAL SERVICES, INC	8,343.52	IRWD Check	Reconciled
426540	21-Apr-22	CAROLLO ENGINEERS, INC	5,774.00	IRWD Check	Reconciled
426541	21-Apr-22	CDW GOVERNMENT LLC	20,451.81	IRWD Check	Reconciled
426542	21-Apr-22	CHEM TECH INTERNATIONAL INC	20,348.34	IRWD Check	Reconciled
426543	21-Apr-22	CLARIS STRATEGY INC.	6,856.25	IRWD Check	Reconciled
426544	21-Apr-22	CLIFFORD MORIYAMA	4,000.00	IRWD Check	Reconciled
426545	21-Apr-22	COASTAL OCCUPATIONAL MEDICAL GROUP, INC.	255.00	IRWD Check	Reconciled
426546	21-Apr-22	CONSTELLATION NEWENERGY, INC.	48,898.59	IRWD Check	Reconciled
426547	21-Apr-22	COUNTY OF ORANGE	1,275.76	IRWD Check	Reconciled
426548	21-Apr-22	CR & R INCORPORATED	427.30	IRWD Check	Reconciled
426549	21-Apr-22	D & G SIGNS	2,784.26	IRWD Check	Reconciled
426550	21-Apr-22	DAYTON CERTIFIED WELDING, INC.	3,925.00	IRWD Check	Reconciled
426551	21-Apr-22	DELL MARKETING LP	19,317.70	IRWD Check	Reconciled
426552	21-Apr-22	DEPARTMENT OF INDUSTRIAL RELATIONS STATE OF CALIFORNIA	1,260.00	IRWD Check	Reconciled
426553	21-Apr-22	DEX MEDIA, INC.	41.00	IRWD Check	Reconciled
426554	21-Apr-22	DING, JIAN MIN	15.97	IRWD Check	Reconciled
426555	21-Apr-22	DIRECTV INC	146.99	IRWD Check	Reconciled
426556	21-Apr-22	DRAKE CONTROLS - WEST, LLC	777.73	IRWD Check	Negotiable
426557	21-Apr-22	DRAKE TRAFFIC CONTROL SERVICES INC	2,520.00	IRWD Check	Reconciled
426558	21-Apr-22	ECKHART, DAVID R	27.69	IRWD Check	Negotiable
426559	21-Apr-22	EMD MILLIPORE CORP.	1,016.94	IRWD Check	Reconciled
426560	21-Apr-22	ENDEMIC ENVIRONMENTAL SERVICES, INC.	750.00	IRWD Check	Reconciled
426561	21-Apr-22	ENVIRONMENTAL ENGINEERING AND CONTRACTING, INC.	18,585.00	IRWD Check	Reconciled
426562	21-Apr-22	ENVIRONMENTAL RESOURCE ASSOCIATES	1,670.84	IRWD Check	Reconciled
426563	21-Apr-22	ENVIRONMENTAL SCIENCE ASSOCIATES	2,571.20	IRWD Check	Reconciled
426564	21-Apr-22	EUROFINS CALSCIENCE	132.68	IRWD Check	Negotiable
426565	21-Apr-22	EUROFINS ENVIRONMENT TESTING AMERICA HOLDINGS, INC.	4,063.50	IRWD Check	Reconciled
426566	21-Apr-22	EVOQUA WATER TECHNOLOGIES LLC	76.91	IRWD Check	Reconciled
426567	21-Apr-22	EZKEM CORPORATION	228.00	IRWD Check	Reconciled
426568	21-Apr-22	FAIRBANKS SCALES INC	6,464.22	IRWD Check	Reconciled
426569	21-Apr-22	FARRELL & ASSOCIATES	324.13	IRWD Check	Reconciled
426570	21-Apr-22	FEDEX	771.77	IRWD Check	Reconciled
426571	21-Apr-22	FELLING TRAILERS, INC.	360.00	IRWD Check	Reconciled
426572	21-Apr-22	FERGUSON ENTERPRISES, LLC	2,700.83	IRWD Check	Reconciled
426573	21-Apr-22	FERNANDES, FERNANDA	63.46	IRWD Check	Reconciled
426574	21-Apr-22	FIONA HUTTON & ASSOCIATES, INC.	8,346.05	IRWD Check	Reconciled
426575	21-Apr-22	FIRE EXTINGUISHING SAFETY & SERVICE	737.23	IRWD Check	Reconciled
426576	21-Apr-22	FIREHOSEDIRECT.COM	43.12	IRWD Check	Reconciled
426577	21-Apr-22	FISHER SCIENTIFIC COMPANY LLC	5,604.00	IRWD Check	Reconciled

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426578	21-Apr-22	FLUID CONSERVATION SYSTEMS INC	238.98	IRWD Check	Reconciled
426579	21-Apr-22	FLW SERVICE CORPORATION	2,935.00	IRWD Check	Reconciled
426580	21-Apr-22	FOUGHT, CYNTHIA J.	2,593.70	IRWD Check	Reconciled
426581	21-Apr-22	FRONTIER CALIFORNIA INC.	511.17	IRWD Check	Reconciled
426582	21-Apr-22	GANAHL LUMBER CO.	89.38	IRWD Check	Reconciled
426583	21-Apr-22	GEI CONSULTANTS INC	3,425.50	IRWD Check	Reconciled
426584	21-Apr-22	GEIGER BROS	313.20	IRWD Check	Reconciled
426585	21-Apr-22	GEORGE HILLS COMPANY, INC.	90.00	IRWD Check	Reconciled
426586	21-Apr-22	GEOSYNTEC CONSULTANTS, INC.	2,287.62	IRWD Check	Negotiable
426587	21-Apr-22	GFS CHEMICALS, INC.	208.36	IRWD Check	Reconciled
426588	21-Apr-22	GOLF COURSE SOLUTIONS	150.00	IRWD Check	Reconciled
426589	21-Apr-22	GRAINGER	18,480.38	IRWD Check	Reconciled
426590	21-Apr-22	GREENFIELD, ELSA	19.27	IRWD Check	Reconciled
426591	21-Apr-22	HAAKER EQUIPMENT COMPANY	110.25	IRWD Check	Reconciled
426592	21-Apr-22	HACH COMPANY	16,918.89	IRWD Check	Reconciled
426593	21-Apr-22	HARRINGTON INDUSTRIAL PLASTICS LLC	16,591.96	IRWD Check	Reconciled
426594	21-Apr-22	HDR ENGINEERING INC	38,008.26	IRWD Check	Reconciled
426595	21-Apr-22	HELPMATES STAFFING SERVICES LLC	6,777.30	IRWD Check	Reconciled
426596	21-Apr-22	HI-LINE INC	913.77	IRWD Check	Reconciled
426597	21-Apr-22	HILL BROTHERS CHEMICAL COMPANY	14,978.46	IRWD Check	Negotiable
426598	21-Apr-22	HOME DEPOT USA INC	954.19	IRWD Check	Reconciled
426599	21-Apr-22	IMPERIAL SPRINKLER SUPPLY, INC.	216.94	IRWD Check	Reconciled
426600	21-Apr-22	INFOSEND, INC.	2,289.47	IRWD Check	Reconciled
426601	21-Apr-22	INNOVATIVE MACHINE TOOL REPAIR LLC	1,034.14	IRWD Check	Reconciled
426602	21-Apr-22	INORGANIC VENTURES INC	221.51	IRWD Check	Reconciled
426603	21-Apr-22	IRVINE PIPE & SUPPLY INC	3,796.29	IRWD Check	Reconciled
426604	21-Apr-22	IRWD-PETTY CASH CUSTODIAN	1,112.53	IRWD Check	Reconciled
426605	21-Apr-22	JAMBOREE SMOG	214.00	IRWD Check	Negotiable
426606	21-Apr-22	JOBE, ELISABETH	202.34	IRWD Check	Negotiable
426607	21-Apr-22	KAESER COMPRESSORS, INC.	354.85	IRWD Check	Reconciled
426608	21-Apr-22	KAN VENTURES, INC	7,987.19	IRWD Check	Reconciled
426609	21-Apr-22	KOHAN, ZAMIRA	131.44	IRWD Check	Negotiable
426610	21-Apr-22	LAGUNA BEACH COUNTY WATER DISTRICT	33,470.55	IRWD Check	Negotiable
426611	21-Apr-22	LAKE FOREST CHAMBER OF COMMERCE INC	305.00	IRWD Check	Negotiable
426612	21-Apr-22	LANDCARE HOLDINGS, INC.	11,824.75	IRWD Check	Reconciled
426613	21-Apr-22	LCS TECHNOLOGIES, INC.	1,350.00	IRWD Check	Reconciled
426614	21-Apr-22	LSA ASSOCIATES INC	1,225.00	IRWD Check	Reconciled
426615	21-Apr-22	LUBRICATION ENGINEERS, INC.	3,316.15	IRWD Check	Reconciled
426616	21-Apr-22	MARK KADESH	10,200.00	IRWD Check	Reconciled
426617	21-Apr-22	MC FADDEN-DALE INDUSTRIAL	206.80	IRWD Check	Reconciled
426618	21-Apr-22	MC MASTER CARR SUPPLY CO	842.05	IRWD Check	Reconciled
426619	21-Apr-22	MCCALL'S METERS, INC.	58.37	IRWD Check	Reconciled
426620	21-Apr-22	MERTZ ENTERPRISES INC.	14,626.00	IRWD Check	Reconciled
426621	21-Apr-22	MILES CHEMICAL COMPANY, INC.	6,024.72	IRWD Check	Reconciled
426622	21-Apr-22	MOODY'S INVESTORS SERVICE INC	9,500.00	IRWD Check	Reconciled
426623	21-Apr-22	MR CRANE INC	1,732.50	IRWD Check	Reconciled
426624	21-Apr-22	MSA SAFETY INCORPORATED	865.18	IRWD Check	Reconciled
426625	21-Apr-22	MULTIQUIP INC	600.00	IRWD Check	Reconciled
426626	21-Apr-22	MUNICIPAL UNDERGROUND SERVICES INC	3,250.00	IRWD Check	Reconciled
426627	21-Apr-22	MUTUAL PROPANE	36.00	IRWD Check	Negotiable
426628	21-Apr-22	NALCO US 2 INC	346.14	IRWD Check	Reconciled
426629	21-Apr-22	NETWORK INTEGRATION COMPANY PARTNERS	7,215.00	IRWD Check	Reconciled
426630	21-Apr-22	NEW PIG CORPORATION	182.14	IRWD Check	Reconciled
426631	21-Apr-22	NMG GEOTECHNICAL INC	5,094.60	IRWD Check	Reconciled
426632	21-Apr-22	NSI LAB SOLUTIONS, INC.	285.00	IRWD Check	Reconciled
426633	21-Apr-22	NVS, INC.	51,003.10	IRWD Check	Reconciled
426634	21-Apr-22	O'REILLY AUTO ENTERPRISES, LLC	312.39	IRWD Check	Reconciled
426635	21-Apr-22	OLIN CORPORATION	53,426.90	IRWD Check	Reconciled
426636	21-Apr-22	ONESOURCE DISTRIBUTORS LLC	15,747.63	IRWD Check	Reconciled
426637	21-Apr-22	ORACLE AMERICA, INC.	1,541.55	IRWD Check	Reconciled
426638	21-Apr-22	ORANGE COUNTY AUTO PARTS CO	2,303.00	IRWD Check	Reconciled
426639	21-Apr-22	ORANGE COUNTY FIRE AUTHORITY	403.00	IRWD Check	Reconciled
426640	21-Apr-22	ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT	247.87	IRWD Check	Negotiable
426641	21-Apr-22	ORANGE COUNTY TREASURER	3,200.00	IRWD Check	Reconciled
426642	21-Apr-22	ORANGE LINE OIL COMPANY	1,036.15	IRWD Check	Reconciled
426643	21-Apr-22	OSTS, INC	12,330.00	IRWD Check	Reconciled
426644	21-Apr-22	PACIFIC AUTO WASH PARTNERS	59.97	IRWD Check	Reconciled
426645	21-Apr-22	PACIFIC HYDROTECH CORPORATION	699,118.85	IRWD Check	Reconciled
426646	21-Apr-22	PACIFIC HYDROTECH CORPORATION	29,623.75	IRWD Check	Reconciled
426647	21-Apr-22	PACIFIC HYDROTECH CORPORATION	7,171.97	IRWD Check	Reconciled
426648	21-Apr-22	PACIFIC MECHANICAL SUPPLY	519.39	IRWD Check	Reconciled

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR APR 2022**

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
426649	21-Apr-22	PACIFIC PARTS & CONTROLS INC	8,894.72	IRWD Check	Reconciled
426650	21-Apr-22	PACRIM ENGINEERING INC.	3,600.00	IRWD Check	Negotiable
426651	21-Apr-22	PARKWAY LAWNMOWER SHOP	25.54	IRWD Check	Reconciled
426652	21-Apr-22	PAYNE & FEARS LLP	825.50	IRWD Check	Reconciled
426653	21-Apr-22	PETRUSSE-NORRIS PAINTING, INC.	14,082.60	IRWD Check	Reconciled
426654	21-Apr-22	PHENIX ENTERPRISES, INC	266.29	IRWD Check	Reconciled
426655	21-Apr-22	PINNACLE TOWERS LLC	842.76	IRWD Check	Reconciled
426656	21-Apr-22	PLANETBIDS, INC.	9,415.49	IRWD Check	Reconciled
426657	21-Apr-22	PLANK, GLENN	43.64	IRWD Check	Reconciled
426658	21-Apr-22	PRUDENTIAL OVERALL SUPPLY	426.60	IRWD Check	Reconciled
426659	21-Apr-22	PYRO-COMM SYSTEMS INC	507.92	IRWD Check	Reconciled
426660	21-Apr-22	QUINTANA, WATTS & HARTMANN, LLC	5,150.00	IRWD Check	Negotiable
426661	21-Apr-22	RALPH ANDERSEN & ASSOCIATES	38,500.00	IRWD Check	Reconciled
426662	21-Apr-22	RAM AIR ENGINEERING INC	17,728.96	IRWD Check	Reconciled
426663	21-Apr-22	RED WING SHOE STORE	200.00	IRWD Check	Reconciled
426664	21-Apr-22	REFRIGERATION SUPPLIES DISTRIBUTOR	168.68	IRWD Check	Reconciled
426665	21-Apr-22	RENTOKIL NORTH AMERICA, INC	598.00	IRWD Check	Reconciled
426666	21-Apr-22	RESILIENT COMMUNICATIONS INC.	186.78	IRWD Check	Negotiable
426667	21-Apr-22	RINCON TRUCK CENTER INC.	2,512.73	IRWD Check	Reconciled
426668	21-Apr-22	RJM DESIGN GROUP INC	12,191.00	IRWD Check	Reconciled
426669	21-Apr-22	RODNEY HARMSWORTH ASSOCIATES, INC.	920.00	IRWD Check	Negotiable
426670	21-Apr-22	RUSH, KATHARINE	22.88	IRWD Check	Reconciled
426671	21-Apr-22	RYAN HERCO PRODUCTS CORP	5,211.00	IRWD Check	Reconciled
426672	21-Apr-22	S & J SUPPLY CO INC	10,967.11	IRWD Check	Reconciled
426673	21-Apr-22	SANTA ANA BLUE PRINT	3,067.05	IRWD Check	Reconciled
426674	21-Apr-22	SANTA MARGARITA FORD	2,029.61	IRWD Check	Reconciled
426675	21-Apr-22	SCAP	10,120.00	IRWD Check	Reconciled
426676	21-Apr-22	SCHENCK PROCESS HOLDING NORTH AMERICA, INC.	239.08	IRWD Check	Reconciled
426677	21-Apr-22	SERRANO WATER DISTRICT	9,054.27	IRWD Check	Reconciled
426678	21-Apr-22	SHAMROCK SUPPLY CO INC	1,919.01	IRWD Check	Reconciled
426679	21-Apr-22	SIMS, JOY	9.32	IRWD Check	Negotiable
426680	21-Apr-22	SITEONE LANDSCAPE SUPPLY, LLC	14,448.92	IRWD Check	Reconciled
426681	21-Apr-22	SMARTFISH CORP	4,702.55	IRWD Check	Reconciled
426682	21-Apr-22	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT	582.74	IRWD Check	Negotiable
426683	21-Apr-22	SOUTH COAST WATER DISTRICT	937.17	IRWD Check	Reconciled
426684	21-Apr-22	SOUTH ORANGE COUNTY REGIONAL CHAMBERS OF COMMERCE	750.00	IRWD Check	Negotiable
426685	21-Apr-22	SOUTH ORANGE COUNTY WASTEWATER AUTHORITY	3,546.00	IRWD Check	Reconciled
426686	21-Apr-22	SOUTHERN CALIFORNIA EDISON COMPANY	14.37	IRWD Check	Reconciled
426687	21-Apr-22	SOUTHERN CALIFORNIA EDISON COMPANY	940,048.29	IRWD Check	Reconciled
426688	21-Apr-22	SOUTHERN CALIFORNIA GAS COMPANY	18,437.01	IRWD Check	Negotiable
426689	21-Apr-22	SOUTHERN COUNTIES LUBRICANTS LLC	4,887.44	IRWD Check	Reconciled
426690	21-Apr-22	SOUTHLAND WATER TECHNOLOGIES LLC	14,135.68	IRWD Check	Reconciled
426691	21-Apr-22	SOUTHSIDE TOWING	525.00	IRWD Check	Negotiable
426692	21-Apr-22	SOUTHWEST VALVE & EQUIPMENT INC	10,796.57	IRWD Check	Reconciled
426693	21-Apr-22	STANTEC CONSULTING SERVICES INC.	4,077.00	IRWD Check	Reconciled
426694	21-Apr-22	STETSON ENGINEERS INC.	2,701.00	IRWD Check	Reconciled
426695	21-Apr-22	STRADLING YOCCA CARLSON & RAUTH	84.00	IRWD Check	Reconciled
426696	21-Apr-22	SUKLE ADVERTISING INC.	37,221.13	IRWD Check	Reconciled
426697	21-Apr-22	SWAINS ELECTRIC MOTOR SERVICE	6,412.01	IRWD Check	Negotiable
426698	21-Apr-22	SYNAGRO-WWT, INC.	157,752.14	IRWD Check	Reconciled
426699	21-Apr-22	TAIT ENVIRONMENTAL SERVICES, INC.	420.00	IRWD Check	Reconciled
426700	21-Apr-22	TEKDRAULICS	1,898.14	IRWD Check	Negotiable
426701	21-Apr-22	THE ADT SECURITY CORPORATION	1,449.96	IRWD Check	Reconciled
426702	21-Apr-22	THE CONVERSE PROFESSIONAL GROUP	715.00	IRWD Check	Reconciled
426703	21-Apr-22	THE HELLAN STRAINER COMPANY	13.65	IRWD Check	Reconciled
426704	21-Apr-22	THE IRVINE COMPANY	1,748.75	IRWD Check	Reconciled
426705	21-Apr-22	THOMAS SCIENTIFIC HOLDINGS, LLC	118.00	IRWD Check	Reconciled
426706	21-Apr-22	THOMPSON & PHIPPS INC	2,739.67	IRWD Check	Reconciled
426707	21-Apr-22	TOTAL RESOURCE MANAGEMENT, INC	2,635.00	IRWD Check	Reconciled
426708	21-Apr-22	TOTAL SAFETY U.S., INC.	114.55	IRWD Check	Reconciled
426709	21-Apr-22	TRAFFIC MANAGEMENT, INC	2,831.00	IRWD Check	Reconciled
426710	21-Apr-22	TRI COUNTY PUMP COMPANY	18,933.13	IRWD Check	Reconciled
426711	21-Apr-22	UBERLYTICS, LLC	5,000.00	IRWD Check	Reconciled
426712	21-Apr-22	UNITED PARCEL SERVICE INC	105.72	IRWD Check	Reconciled
426713	21-Apr-22	US BANK NAT'L ASSOC N.DAKOTA	8,630.13	IRWD Check	Reconciled
426714	21-Apr-22	USA WASTE OF CALIFORNIA, INC.	581.25	IRWD Check	Reconciled
426715	21-Apr-22	VAUGHAN'S INDUSTRIAL REPAIR CO INC	32,986.05	IRWD Check	Reconciled
426716	21-Apr-22	VWR INTERNATIONAL, LLC	195.85	IRWD Check	Reconciled
426717	21-Apr-22	WASTE MANAGEMENT COLLECTIONS AND RECYCLING, INC.	5,226.05	IRWD Check	Reconciled
426718	21-Apr-22	WAXIE'S ENTERPRISES, INC	925.86	IRWD Check	Reconciled
426719	21-Apr-22	WEST COAST SAND & GRAVEL INC.	1,082.95	IRWD Check	Reconciled

**IRVINE RANCH WATER DISTRICT
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CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
426720	21-Apr-22	WIENHOFF & ASSOCIATES, INC	4,960.00	IRWD Check	Reconciled
426721	21-Apr-22	ZHANG, YING	36.38	IRWD Check	Negotiable
426722	21-Apr-22	PERS LONG TERM CARE	612.63	IRWD Check	Reconciled
426723	21-Apr-22	INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS LOCAL 47	3,431.82	IRWD Check	Reconciled
426724	21-Apr-22	FRANCHISE TAX BOARD	1,607.42	IRWD Check	Negotiable
426725	28-Apr-22	Cho, Harry K (Harry)	194.00	IRWD Check	Negotiable
426726	28-Apr-22	Cortez, Malcolm A (Malcolm)	114.08	IRWD Check	Negotiable
426727	28-Apr-22	Figueroa, Jorge (Jorge)	110.00	IRWD Check	Negotiable
426728	28-Apr-22	Haney, Lisa	1,129.42	IRWD Check	Negotiable
426729	28-Apr-22	Justice, Jack L (Jack)	192.00	IRWD Check	Negotiable
426730	28-Apr-22	Legault, Dan (Dan)	225.00	IRWD Check	Negotiable
426731	28-Apr-22	McBride, Tiffany Rose (Tiffany)	1,663.87	IRWD Check	Reconciled
426732	28-Apr-22	McQuown, Devin Christina	121.32	IRWD Check	Negotiable
426733	28-Apr-22	Orozco, Linda	60.00	IRWD Check	Negotiable
426734	28-Apr-22	Reynoso, Pio (Pio)	293.00	IRWD Check	Negotiable
426735	28-Apr-22	Robinson, Mitchell S	180.00	IRWD Check	Reconciled
426736	28-Apr-22	Van Deusen, Scott A (Scott)	288.00	IRWD Check	Reconciled
426737	28-Apr-22	8X8 INC	10,510.84	IRWD Check	Negotiable
426738	28-Apr-22	A&Y ASPHALT CONTRACTORS, INC.	3,165.50	IRWD Check	Negotiable
426739	28-Apr-22	ACTION WHOLESALE PRODUCTS, INC.	4,851.42	IRWD Check	Negotiable
426740	28-Apr-22	ADT US HOLDINGS, INC.	406.10	IRWD Check	Negotiable
426741	28-Apr-22	AGILENT TECHNOLOGIES, INC.	413.56	IRWD Check	Negotiable
426742	28-Apr-22	AIRGAS, INC.	1,449.88	IRWD Check	Negotiable
426743	28-Apr-22	AIRKINETICS, INC	6,945.00	IRWD Check	Negotiable
426744	28-Apr-22	AMAZON CAPITAL SERVICES, INC.	2,048.10	IRWD Check	Negotiable
426745	28-Apr-22	AMBROSE APTS	459.76	IRWD Check	Negotiable
426746	28-Apr-22	AT&T	481.98	IRWD Check	Negotiable
426747	28-Apr-22	ATHENS SERVICES	21,858.41	IRWD Check	Negotiable
426748	28-Apr-22	AUTOZONE PARTS, INC.	408.68	IRWD Check	Negotiable
426749	28-Apr-22	AVELLA APARTMENTS	2,121.88	IRWD Check	Negotiable
426750	28-Apr-22	BANK OF AMERICA	17,891.18	IRWD Check	Negotiable
426751	28-Apr-22	BORCHARD SURVEYING & MAPPING, INC.	2,000.00	IRWD Check	Negotiable
426752	28-Apr-22	BROOMFIELD, RICHARD	7.28	IRWD Check	Negotiable
426753	28-Apr-22	BRUCE HADLEY NEWELL	1,250.00	IRWD Check	Negotiable
426754	28-Apr-22	BSI SERVICES AND SOLUTIONS (WEST) INC.	3,850.00	IRWD Check	Negotiable
426755	28-Apr-22	C WELLS PIPELINE MATERIALS INC	16,112.94	IRWD Check	Negotiable
426756	28-Apr-22	CALIFORNIA BARRICADE RENTAL, INC.	4,858.50	IRWD Check	Negotiable
426757	28-Apr-22	CANON SOLUTIONS AMERICA, INC.	84.97	IRWD Check	Negotiable
426758	28-Apr-22	CDW GOVERNMENT LLC	65,780.26	IRWD Check	Negotiable
426759	28-Apr-22	CHEM TECH INTERNATIONAL INC	7,143.30	IRWD Check	Negotiable
426760	28-Apr-22	CHI, REBECCA	880.37	IRWD Check	Negotiable
426761	28-Apr-22	CITY OF IRVINE	16,767.94	IRWD Check	Negotiable
426762	28-Apr-22	CITY OF IRVINE	2,895.30	IRWD Check	Negotiable
426763	28-Apr-22	COASTAL OCCUPATIONAL MEDICAL GROUP, INC.	390.00	IRWD Check	Negotiable
426764	28-Apr-22	CONSTELLATION NEWENERGY, INC.	9,420.16	IRWD Check	Negotiable
426765	28-Apr-22	COTTONS POINT DESIGN, INC.	3,378.36	IRWD Check	Negotiable
426766	28-Apr-22	COX COMMUNICATIONS, INC.	3,588.04	IRWD Check	Negotiable
426767	28-Apr-22	CV TECHNOLOGY, INC.	2,524.21	IRWD Check	Negotiable
426768	28-Apr-22	CYPRESS VILLAGE VENETO	255.32	IRWD Check	Negotiable
426769	28-Apr-22	D & G SIGNS	10,820.70	IRWD Check	Negotiable
426770	28-Apr-22	D & H WATER SYSTEMS INC.	2,286.00	IRWD Check	Negotiable
426771	28-Apr-22	DEALERS SERVICE COMPANY, INC	13,507.92	IRWD Check	Negotiable
426772	28-Apr-22	DELL MARKETING LP	13,969.98	IRWD Check	Negotiable
426773	28-Apr-22	DEMARIA ELECTRIC MOTOR SERVICES, INC.	2,666.37	IRWD Check	Negotiable
426774	28-Apr-22	DILYTICS INC	3,680.00	IRWD Check	Negotiable
426775	28-Apr-22	DIRECTV INC	146.99	IRWD Check	Negotiable
426776	28-Apr-22	DOUGLAS ENVIRONMENTAL GROUP INC	550.00	IRWD Check	Negotiable
426777	28-Apr-22	DRAKE TRAFFIC CONTROL SERVICES INC	1,680.00	IRWD Check	Negotiable
426778	28-Apr-22	DSD - JN HOLDINGS, LLC	1,517.87	IRWD Check	Negotiable
426779	28-Apr-22	DUDLEY RIDGE WATER DISTRICT	7,919.63	IRWD Check	Negotiable
426780	28-Apr-22	DURAN, GLORIA	373.19	IRWD Check	Negotiable
426781	28-Apr-22	EAST ORANGE COUNTY WATER DISTRICT	3,452.00	IRWD Check	Negotiable
426782	28-Apr-22	EMD MILLIPORE CORP.	642.94	IRWD Check	Negotiable
426783	28-Apr-22	ENVIRONMENTAL SCIENCE ASSOCIATES	9,439.05	IRWD Check	Negotiable
426784	28-Apr-22	EPPENDORF NORTH AMERICA INC	128.82	IRWD Check	Negotiable
426785	28-Apr-22	EUROFINS ENVIRONMENT TESTING AMERICA HOLDINGS, INC.	2,987.25	IRWD Check	Negotiable
426786	28-Apr-22	EVOQUA WATER TECHNOLOGIES LLC	1,599.39	IRWD Check	Negotiable
426787	28-Apr-22	FARRELL & ASSOCIATES	263.00	IRWD Check	Negotiable
426788	28-Apr-22	FISHER SCIENTIFIC COMPANY LLC	4,824.99	IRWD Check	Negotiable
426789	28-Apr-22	FITCH RATINGS, INC.	8,000.00	IRWD Check	Negotiable
426790	28-Apr-22	FONG, THEODORE L	113.25	IRWD Check	Negotiable

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426791	28-Apr-22	FRONTIER CALIFORNIA INC.	106.98	IRWD Check	Negotiable
426792	28-Apr-22	GCI CONSTRUCTION	1,358.75	IRWD Check	Negotiable
426793	28-Apr-22	GEA MECHANICAL EQUIPMENT US, INC.	68,269.63	IRWD Check	Negotiable
426794	28-Apr-22	GI ENDURANT LLC	32,725.00	IRWD Check	Negotiable
426795	28-Apr-22	GRAINGER	6,565.80	IRWD Check	Negotiable
426796	28-Apr-22	GUO, FEN	499.98	IRWD Check	Negotiable
426797	28-Apr-22	HAAKER EQUIPMENT COMPANY	350.19	IRWD Check	Negotiable
426798	28-Apr-22	HACH COMPANY	17,964.84	IRWD Check	Negotiable
426799	28-Apr-22	HARIA, TASNIM	48.79	IRWD Check	Negotiable
426800	28-Apr-22	HARRINGTON INDUSTRIAL PLASTICS LLC	5,186.12	IRWD Check	Negotiable
426801	28-Apr-22	HATHAWAY DINWIDDIE CONSTRUCTION CO	1,900.00	IRWD Check	Negotiable
426802	28-Apr-22	HDR ENGINEERING INC	6,805.00	IRWD Check	Negotiable
426803	28-Apr-22	HELPMATES STAFFING SERVICES LLC	4,697.04	IRWD Check	Negotiable
426804	28-Apr-22	HILL BROTHERS CHEMICAL COMPANY	13,832.78	IRWD Check	Negotiable
426805	28-Apr-22	HOME DEPOT USA INC	713.35	IRWD Check	Negotiable
426806	28-Apr-22	IDEA HALL	16,875.00	IRWD Check	Negotiable
426807	28-Apr-22	INDUSTRIAL METAL SUPPLY CO	232.15	IRWD Check	Negotiable
426808	28-Apr-22	INDUSTRIAL NETWORKING SOLUTIONS	1,578.97	IRWD Check	Negotiable
426809	28-Apr-22	INNOVATIVE MACHINE TOOL REPAIR LLC	1,053.58	IRWD Check	Negotiable
426810	28-Apr-22	INTEGRITY MUNICIPAL SERVICES LLC	2,904.95	IRWD Check	Negotiable
426811	28-Apr-22	INTRACORP SOUTHERN CALIFORNIA LLC	2,072.19	IRWD Check	Negotiable
426812	28-Apr-22	IRVINE COMMUNITY DEVELOPMENT COMPANY LLC	3,299.25	IRWD Check	Negotiable
426813	28-Apr-22	IRVINE PIPE & SUPPLY INC	4,092.65	IRWD Check	Negotiable
426814	28-Apr-22	JCI JONES CHEMICALS INC	4,076.32	IRWD Check	Negotiable
426815	28-Apr-22	JUST ENERGY SOLUTIONS INC.	299.69	IRWD Check	Negotiable
426816	28-Apr-22	JUSTIN LIU AND SEJIN HWANG	588.46	IRWD Check	Negotiable
426817	28-Apr-22	KIMBALL MIDWEST	471.83	IRWD Check	Negotiable
426818	28-Apr-22	KUTAK ROCK LLP	10,188.50	IRWD Check	Negotiable
426819	28-Apr-22	LA HABRA FENCE COMPANY INC	26,011.00	IRWD Check	Negotiable
426820	28-Apr-22	LANDCARE HOLDINGS, INC.	18,398.04	IRWD Check	Negotiable
426821	28-Apr-22	LGC GEOTECHNICAL, INC.	2,035.00	IRWD Check	Negotiable
426822	28-Apr-22	LILLESTRAND LEADERSHIP CONSULTING, INC.	3,823.75	IRWD Check	Negotiable
426823	28-Apr-22	LOS ANGELES ENGINEERING INC	1,748.59	IRWD Check	Negotiable
426824	28-Apr-22	LUBRICATION ENGINEERS, INC.	2,944.75	IRWD Check	Negotiable
426825	28-Apr-22	MARIAPPA, SUDESH	2,300.00	IRWD Check	Negotiable
426826	28-Apr-22	MCCROMETER, INC.	200.84	IRWD Check	Negotiable
426827	28-Apr-22	MILES CHEMICAL COMPANY, INC.	6,347.97	IRWD Check	Negotiable
426828	28-Apr-22	MIRASOL APARTMENTS	708.86	IRWD Check	Negotiable
426829	28-Apr-22	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY	1,400.00	IRWD Check	Negotiable
426830	28-Apr-22	MURPHY INDUSTRIAL COATINGS, INC.	13,500.00	IRWD Check	Negotiable
426831	28-Apr-22	NCL OF WISCONSIN INC	581.20	IRWD Check	Negotiable
426832	28-Apr-22	NEWPORT BLUFFS APTS	427.43	IRWD Check	Negotiable
426833	28-Apr-22	NORTHWOOD PARK APTS	581.50	IRWD Check	Negotiable
426834	28-Apr-22	NV5, INC.	30,960.00	IRWD Check	Negotiable
426835	28-Apr-22	OLIN CORPORATION	30,944.53	IRWD Check	Negotiable
426836	28-Apr-22	ONESOURCE DISTRIBUTORS LLC	3,324.62	IRWD Check	Negotiable
426837	28-Apr-22	ORANGE COUNTY AUTO PARTS CO	919.54	IRWD Check	Negotiable
426838	28-Apr-22	PACIFIC COAST BOLT CORP	3,489.67	IRWD Check	Negotiable
426839	28-Apr-22	PACIFIC PARTS & CONTROLS INC	6,241.29	IRWD Check	Negotiable
426840	28-Apr-22	PACIFIC SURVEYS, LLC	1,453.00	IRWD Check	Negotiable
426841	28-Apr-22	PAULUS ENGINEERING, INC.	110,268.00	IRWD Check	Negotiable
426842	28-Apr-22	PILAR ONATE	20,600.00	IRWD Check	Negotiable
426843	28-Apr-22	PLUMBERS DEPOT INC.	2,199.71	IRWD Check	Negotiable
426844	28-Apr-22	PMC ENGINEERING LLC.	559.11	IRWD Check	Negotiable
426845	28-Apr-22	PRIDEMARK CONTRACTORS	1,939.97	IRWD Check	Negotiable
426846	28-Apr-22	PSOMAS	14,907.97	IRWD Check	Negotiable
426847	28-Apr-22	QUINN COMPANY	483.58	IRWD Check	Negotiable
426848	28-Apr-22	RAM AIR ENGINEERING INC	11,614.10	IRWD Check	Negotiable
426849	28-Apr-22	REAL WATER CONSULTANTS INC.	17,301.00	IRWD Check	Negotiable
426850	28-Apr-22	REFRIGERATION SUPPLIES DISTRIBUTOR	89.88	IRWD Check	Negotiable
426851	28-Apr-22	RICHARD C. SLADE & ASSOCIATES LLC	11,989.94	IRWD Check	Negotiable
426852	28-Apr-22	RLG ENTERPRISES, INC	351.85	IRWD Check	Negotiable
426853	28-Apr-22	ROSEDALE - RIO BRAVO WATER STORAGE DISTRICT	494,470.41	IRWD Check	Negotiable
426854	28-Apr-22	SAFETY-KLEEN SYSTEMS, INC	275.00	IRWD Check	Negotiable
426855	28-Apr-22	SANTA ANA BLUE PRINT	378.20	IRWD Check	Negotiable
426856	28-Apr-22	SANTA MARGARITA FORD	716.17	IRWD Check	Negotiable
426857	28-Apr-22	SIEMENS INDUSTRY INC	2,209.95	IRWD Check	Negotiable
426858	28-Apr-22	SIGMA-ALDRICH INC	153.10	IRWD Check	Negotiable
426859	28-Apr-22	SOUTH COAST WATER CO.	95.00	IRWD Check	Negotiable
426860	28-Apr-22	SOUTH ORANGE COUNTY WASTEWATER AUTHORITY	58,392.00	IRWD Check	Negotiable
426861	28-Apr-22	SOUTHERN CALIFORNIA EDISON COMPANY	552,571.82	IRWD Check	Negotiable

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR APR 2022**

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
426862	28-Apr-22	SOUTHERN CALIFORNIA GAS COMPANY	4,680.15	IRWD Check	Negotiable
426863	28-Apr-22	SOUTHLAND WATER TECHNOLOGIES LLC	2,165.00	IRWD Check	Negotiable
426864	28-Apr-22	SPARKLETT'S	271.50	IRWD Check	Negotiable
426865	28-Apr-22	SUEZ TREATMENT SOLUTIONS INC.	11,070.78	IRWD Check	Negotiable
426866	28-Apr-22	TETRA TECH, INC	665.00	IRWD Check	Negotiable
426867	28-Apr-22	THOMAS SCIENTIFIC HOLDINGS, LLC	61.63	IRWD Check	Negotiable
426868	28-Apr-22	THOMPSON & PHIPPS INC	6,888.90	IRWD Check	Negotiable
426869	28-Apr-22	THREE D SERVICE	1,436.41	IRWD Check	Negotiable
426870	28-Apr-22	TIC-IHC VENTURE LLC	165.94	IRWD Check	Negotiable
426871	28-Apr-22	TIC-OFFICE PROPERTIES	5,721.53	IRWD Check	Negotiable
426872	28-Apr-22	TIC-RESORT PROPERTIES	200.40	IRWD Check	Negotiable
426873	28-Apr-22	TIC-RETAIL PROPERTIES	1,926.12	IRWD Check	Negotiable
426874	28-Apr-22	TIC-SPECTRUM OFFICE	2,226.30	IRWD Check	Negotiable
426875	28-Apr-22	TICIC SUB LLC	1,915.76	IRWD Check	Negotiable
426876	28-Apr-22	TIERRA VERDE INDUSTRIES	50.92	IRWD Check	Negotiable
426877	28-Apr-22	TOTAL SAFETY U.S., INC.	162.20	IRWD Check	Negotiable
426878	28-Apr-22	TRAFFIC MANAGEMENT, INC	3,606.00	IRWD Check	Negotiable
426879	28-Apr-22	UNITED PARCEL SERVICE INC	56.77	IRWD Check	Negotiable
426880	28-Apr-22	UNITED SITE SERVICES OF CALIFORNIA INC	739.95	IRWD Check	Negotiable
426881	28-Apr-22	US BANK NAT'L ASSOCIATION NORTH DAKOTA	62,764.18	IRWD Check	Negotiable
426882	28-Apr-22	VERIZON WIRELESS SERVICES LLC	16,010.47	IRWD Check	Negotiable
426883	28-Apr-22	VILLA CORONADO APTS	495.15	IRWD Check	Negotiable
426884	28-Apr-22	VU, HUY	4.76	IRWD Check	Negotiable
426885	28-Apr-22	VWR INTERNATIONAL, LLC	1,835.71	IRWD Check	Negotiable
426886	28-Apr-22	WAXIE'S ENTERPRISES, INC	325.72	IRWD Check	Negotiable
426887	28-Apr-22	WEBER WATER RESOURCES CA, LLC	18,062.41	IRWD Check	Negotiable
426888	28-Apr-22	WECK LABORATORIES INC	120.00	IRWD Check	Negotiable
426889	28-Apr-22	WEST YOST & ASSOCIATES, INC.	17,538.00	IRWD Check	Negotiable
426890	28-Apr-22	WIENHOFF & ASSOCIATES, INC	160.00	IRWD Check	Negotiable
426891	28-Apr-22	WOODBURY COURT APTS	1,668.72	IRWD Check	Negotiable
426892	28-Apr-22	WOODBURY SQUARE APARTMENTS	4,081.38	IRWD Check	Negotiable
426893	28-Apr-22	LAW OFFICE OF ATOOSA VAKILI	2,500.00	IRWD Check	Negotiable
SUB-TOTAL CHECK DISBURSEMENTS			11,296,026.43		
14854	4-Apr-22	CHARD SNYDER & ASSOCIATES, INC.	15,952.46	IRWD Wire	Negotiable
14855	4-Apr-22	CHARD SNYDER & ASSOCIATES, INC.	4,743.24	IRWD Wire	Negotiable
14856	5-Apr-22	CALPERS	594,034.17	IRWD Wire	Negotiable
14857	5-Apr-22	CALPERS	3,537.54	IRWD Wire	Negotiable
14858	5-Apr-22	CHARD SNYDER & ASSOCIATES, INC.	1,517.30	IRWD Wire	Negotiable
14859	6-Apr-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	23,187.15	IRWD Wire	Negotiable
14860	6-Apr-22	U.S. BANK NATIONAL ASSOCIATION	9,465.75	IRWD Wire	Negotiable
14861	6-Apr-22	BANK OF AMERICA	8,575.32	IRWD Wire	Negotiable
14862	6-Apr-22	U.S. BANK NATIONAL ASSOCIATION	1,800,324.00	IRWD Wire	Negotiable
14863	6-Apr-22	SUMITOMO MITSUI BANKING CORPORATION	35,113.48	IRWD Wire	Negotiable
14864	6-Apr-22	U.S. BANK NATIONAL ASSOCIATION	38,669.18	IRWD Wire	Negotiable
14865	12-Apr-22	WELLS FARGO BANK, N.A.	6,415.57	IRWD Wire	Negotiable
14866	19-Apr-22	U.S. BANK NATIONAL ASSOCIATION	19,600.72	IRWD Wire	Negotiable
14867	19-Apr-22	YORK RISK SERVICES GROUP, INC.	1,317.65	IRWD Wire	Negotiable
14868	19-Apr-22	YORK RISK SERVICES GROUP, INC.	3,851.49	IRWD Wire	Negotiable
14869	19-Apr-22	YORK RISK SERVICES GROUP, INC.	7,603.88	IRWD Wire	Negotiable
14870	20-Apr-22	CALPERS	10,169.55	IRWD Wire	Negotiable
14871	20-Apr-22	CHARD SNYDER & ASSOCIATES, INC.	5,499.87	IRWD Wire	Negotiable
14872	20-Apr-22	CHARD SNYDER & ASSOCIATES, INC.	3,161.08	IRWD Wire	Negotiable
14873	21-Apr-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	5,593.92	IRWD Wire	Negotiable
14874	21-Apr-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	2,060.44	IRWD Wire	Negotiable
14875	21-Apr-22	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY	1,007,750.60	IRWD Wire	Negotiable
14876	21-Apr-22	BANK OF AMERICA	38,804.18	IRWD Wire	Negotiable
14877	21-Apr-22	SUMITOMO MITSUI BANKING CORPORATION	11,392.05	IRWD Wire	Negotiable
14878	21-Apr-22	U.S. BANK NATIONAL ASSOCIATION	4,140.01	IRWD Wire	Negotiable
14879	21-Apr-22	YORK RISK SERVICES GROUP, INC.	9,333.18	IRWD Wire	Negotiable
14880	21-Apr-22	CALPERS	1,337.66	IRWD Wire	Negotiable
14881	21-Apr-22	CALPERS	795.82	IRWD Wire	Negotiable
14882	21-Apr-22	CALPERS	249,497.06	IRWD Wire	Negotiable
14883	26-Apr-22	CHARD SNYDER & ASSOCIATES, INC.	5,781.13	IRWD Wire	Negotiable
14884	26-Apr-22	CHARD SNYDER & ASSOCIATES, INC.	1,565.21	IRWD Wire	Negotiable
14885	27-Apr-22	CHARD SNYDER & ASSOCIATES, INC.	8,720.81	IRWD Wire	Negotiable
14886	27-Apr-22	CHARD SNYDER & ASSOCIATES, INC.	2,489.86	IRWD Wire	Negotiable
14887	27-Apr-22	YORK RISK SERVICES GROUP, INC.	5,106.35	IRWD Wire	Negotiable
14888	27-Apr-22	YORK RISK SERVICES GROUP, INC.	1,333.67	IRWD Wire	Negotiable
14889	27-Apr-22	INTERNAL REVENUE SERVICE	249,306.90	IRWD Wire	Negotiable
14890	27-Apr-22	FRANCHISE TAX BOARD	78,243.24	IRWD Wire	Negotiable
14891	27-Apr-22	EMPLOYMENT DEVELOPMENT DEPARTMENT	17,853.97	IRWD Wire	Negotiable

**IRVINE RANCH WATER DISTRICT
AP DISBURSEMENTS AND VOIDS FOR APR 2022**

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
14892	27-Apr-22	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	3,024.08	IRWD Wire	Negotiable
14893	27-Apr-22	EMPOWER RETIREMENT, LLC	183,965.11	IRWD Wire	Negotiable
14894	27-Apr-22	INTERNAL REVENUE SERVICE	233,858.83	IRWD Wire	Negotiable
14895	27-Apr-22	FRANCHISE TAX BOARD	72,762.52	IRWD Wire	Negotiable
14896	27-Apr-22	EMPLOYMENT DEVELOPMENT DEPARTMENT	18,075.96	IRWD Wire	Negotiable
14897	27-Apr-22	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	3,049.00	IRWD Wire	Negotiable
14898	27-Apr-22	EMPOWER RETIREMENT, LLC	203,081.47	IRWD Wire	Negotiable
14899	27-Apr-22	CALPERS	250,577.16	IRWD Wire	Negotiable
14900	27-Apr-22	CITY OF IRVINE	139,107.44	IRWD Wire	Negotiable
14901	27-Apr-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	9,752.75	IRWD Wire	Negotiable
14902	27-Apr-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	42,161.60	IRWD Wire	Negotiable
14903	27-Apr-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	38,604.97	IRWD Wire	Negotiable
14904	27-Apr-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	95,027.62	IRWD Wire	Negotiable
14905	27-Apr-22	U.S. BANK NATIONAL ASSOCIATION	5,794,250.00	IRWD Wire	Negotiable
SUB-TOTAL ELECTRONIC DISBURSEMENTS			11,381,143.97		
SUB-TOTAL AP CHECK AND ELECTRONIC DISBURSEMENTS			22,677,170.40		
SUB-TOTAL CHECK AND ELECTRONIC DISBURSEMENTS ISSUED AND VOIDED IN APRIL 2022			-		
TOTAL AP DISBURSEMENTS AND VOIDS FOR APRIL 2022			22,677,170.40		

Exhibit "E"

MONTHLY SUMMARY OF PAYROLL ACH PAYMENTS

April
2022

	AMOUNT	VENDOR	PURPOSE
4/8/2022	1,095,127.60	BANK OF AMERICA	ACH Payments for Payroll
4/22/2022	1,077,436.93	BANK OF AMERICA	ACH Payments for Payroll
	<u><u>\$2,172,564.53</u></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-APR-22 to 30-APR-22

NAME	CHECK NO.	CHECK DATE	AMOUNT	ITEM DESCRIPTION	EXPENSE JUSTIFICATION
Barreto, Gustavo	426500	21-Apr-22	167.00	Other(Misc)	Safety shoe allowance
Bornhoff, Mike	426378	14-Apr-22	106.00	Certification Renewal	CWEA Mechanical Technologist Grade IV
Cho, Harry	426725	28-Apr-22	194.00	Other(Misc)	City of Newport Beach Fire Dept plan review fee for San Joaquin Reservoir Filtration project
Davis, Jennifer	426153	7-Apr-22	150.80	Lodging	Attended 2022 Annual GIOA Conference, Las Vegas, NV - March 22, 2022
Davis, Jennifer	426153	7-Apr-22	150.80	Lodging	Attended 2022 Annual GIOA Conference, Las Vegas, NV - March 23, 2022
Davis, Jennifer	426153	7-Apr-22	150.80	Lodging	Attended 2022 Annual GIOA Conference, Las Vegas, NV - March 24, 2022
Figueroa, Jorge	426727	28-Apr-22	110.00	Certification Renewal	SWRCB Wastewater Treatment Plant Operator Grade III
Frost, Garrick	426155	7-Apr-22	120.00	Certification Renewal	SWRCB Water Distribution Operator Grade III
Haney, Lisa	426728	28-Apr-22	248.66	Lodging	Attended CWEA AC22 Annual Conference, Sacramento, CA - April 10, 2022
Haney, Lisa	426728	28-Apr-22	248.66	Lodging	Attended CWEA AC22 Annual Conference, Sacramento, CA - April 11, 2022
Haney, Lisa	426728	28-Apr-22	248.66	Lodging	Attended CWEA AC22 Annual Conference, Sacramento, CA - April 12, 2022
Haney, Lisa	426728	28-Apr-22	248.66	Lodging	Attended CWEA AC22 Annual Conference, Sacramento, CA - April 13, 2022
Justice, Jack	426729	28-Apr-22	192.00	Membership Renewal	CWEA membership
Koenig, Tim	426157	7-Apr-22	105.00	Certification Renewal	SWRCB Water Distribution Operator Grade V
Legault, Dan	426730	28-Apr-22	225.00	Other(Misc)	Safety shoe allowance
Melendez, Evan	426381	14-Apr-22	210.00	Certification Renewal	AWWA Cross Connection Control Program Specialist
Nicholson, Darin	426505	21-Apr-22	173.15	Other(Misc)	Safety shoe allowance
Oldewage, Lars	426158	7-Apr-22	302.00	Membership Renewal	AWWA membership
Reynoso, Pio	426734	28-Apr-22	192.00	Membership Renewal	CWEA membership
Reynoso, Pio	426734	28-Apr-22	101.00	Certification Renewal	CWEA Collections Operator Grade III
Rivenburg, Deniene	426507	21-Apr-22	140.00	Other(Misc)	Fix-A-Leak advertisement campaign - charged to personal PayPal Account -
Rivenburg, Deniene	426507	21-Apr-22	250.00	Other(Misc)	Fix-A-Leak advertisement campaign - charged to personal PayPal Account -
Rivenburg, Deniene	426507	21-Apr-22	175.00	Other(Misc)	Fix-A-Leak advertisement campaign - charged to personal PayPal Account -
Rivenburg, Deniene	426507	21-Apr-22	125.00	Other(Misc)	Fix-A-Leak advertisement campaign - charged to personal PayPal Account -
Robinson, Mitchell	426735	28-Apr-22	180.00	Membership Renewal	California Board for Professional Engineers, Land Surveyors, and Geologists license renewal
Saldana Rodriguez, Cristina	426508	21-Apr-22	116.37	Other(Misc)	Safety shoe allowance
Sanchez, George	426159	7-Apr-22	192.00	Membership Renewal	CWEA membership
Silva, Constantino	426160	7-Apr-22	110.00	Certification Renewal	SWRCB Wastewater Treatment Plant Operator Grade II
Tobar, Javier	426509	21-Apr-22	110.28	Other(Misc)	Welcome lunch for new hire accountant
Van Deusen, Scott	426736	28-Apr-22	192.00	Membership Renewal	CWEA membership
Vu, Johnny	426383	14-Apr-22	200.00	Other(Misc)	Safety shoe allowance
Webster, Tanner	426384	14-Apr-22	145.45	Other(Misc)	Safety shoe allowance
Willis, Andrew	426385	14-Apr-22	105.00	Certification Renewal	SWRCB Water Distribution Operator Grade V
Willis, Andrew	426385	14-Apr-22	105.00	Certification Renewal	SWRCB Water Treatment Operator Grade V
Zaragoza, Anthony	426510	21-Apr-22	155.00	Certification Renewal	SWRCB Water Distribution Operator Grade V exam fee
Total Amount:			\$5,945.29		

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May 23, 2022
Prepared by: J. Davis
Submitted by: R. Jacobson / C. Clary
Approved by: Paul A. Cook 

CONSENT CALENDAR

230 COMMERCE AND WATERWORKS BUSINESS PARK OFFICE PROPERTY LISTING AGREEMENT EXTENSION

SUMMARY:

Staff recommends the Board approve an extension of listing agreements for the 230 Commerce and Waterworks Business Park office properties with the existing brokerage team from Colliers International to May 2023 under terms consistent with the previously executed listing agreements.

BACKGROUND:

230 Commerce Property:

The 230 Commerce office property is a 40,851-square-foot multi-tenant general office building. The property is currently 93% leased with one suite available (Suite 285 - 4,635 square feet). The available space is currently being marketed by IRWD's commercial broker Colliers International. The next lease due to expire is Suite 190 in November 2022; this space is also being marketed by Colliers.

Waterworks Business Park Property:

The Waterworks Business Park property is a 37,240-square-foot multi-tenant R&D office building. The property is currently 100% leased. Two tenant leases due to expire in 2022 were recently extended.

Listing Agreement Extension:

The Board previously approved the current listing agreements for 230 Commerce and Waterworks Business Park with Colliers, which recently expired. Based on its ability to consistently provide excellent brokerage services for the IRWD's office properties in a competitive leasing environment, staff recommends extending the two listing agreements with Colliers to May 1, 2023, under terms that are consistent with the prior agreements. The proposed listing agreements are provided as Exhibit "A" and Exhibit "B", respectively.

FISCAL IMPACTS:

The total proposed lease commission rate is 6.0% of the gross lease revenue for years one through five, and 3.50% for years six through 10 of a lease. The total commission amount will be determined based on the final lease terms.

ENVIRONMENTAL COMPLIANCE:

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

COMMITTEE STATUS:

This item was reviewed by the Finance and Personnel Committee on May 17, 2022.

RECOMMENDATION:

THAT THE BOARD APPROVE AN EXTENSION OF THE LISTING AGREEMENTS FOR THE 230 COMMERCE OFFICE PROPERTY AND WATERWORKS BUSINESS PARK OFFICE PROPERTY WITH THE BROKERAGE TEAM OF COLLIERS INTERNATIONAL THROUGH MAY 1, 2023, CONSISTENT WITH PREVIOUSLY AGREED-UPON COMMISSION TERMS.

LIST OF EXHIBITS:

Exhibit "A" – 230 Commerce Listing Agreement Extension

Exhibit "B" – Waterworks Listing Agreement Extension



Sixth AMENDMENT TO
EXCLUSIVE RIGHT TO REPRESENT OWNER
FOR SALE OR LEASE OF REAL PROPERTY

THIS AMENDMENT is made and entered into as of May 2, 2022, by and between Bardeen Partners, Inc. ("Owner") and Colliers International Greater Los Angeles, Inc. ("Broker") (collectively hereinafter the "Parties").

WHEREAS, on or about February 4, 2016 an Exclusive Right to Represent Owner for Sale or Lease of Real Property ("Agreement") was entered into by and between Owner and Broker relating to certain real property commonly known as (street address, city, state, zip): 230 Commerce Drive, Irvine, CA (the "Property"), and

WHEREAS, Owner and Broker have have not previously amended said Agreement, and

WHEREAS, the Owner and Broker now desire to amend said Agreement,

NOW, THEREFORE, ~~for payment of ONE DOLLAR and other good and valuable consideration to Owner,~~ the receipt and sufficiency of which is hereby acknowledged, the Parties mutually agree to make the following additions and modifications to the Agreement:

TERM: The expiration date for the Agreement is hereby advanced extended to May 1, 2023.

SALE; PRICE AND TERMS: The price and terms for the sale of the Property specified in the Agreement are hereby modified in the following respects: _____.

LEASE; RENT AND TERMS: The rent and terms for the leasing or renting of the Property specified in the Agreement are hereby modified in the following respects: _____.

COMMISSION: The amount of the commission payable to Broker is hereby changed to: _____.

OTHER: _____.

This Amendment shall not be construed against the party preparing it, but shall be construed as if all Parties jointly prepared this Amendment and any uncertainty and ambiguity shall not be interpreted against any one party. Signatures to this Amendment accomplished by means of electronic signature or similar technology shall be legal and binding.

All other terms and conditions of the Agreement shall remain unchanged and shall continue in full force and effect except as specifically amended herein.

EXECUTED as of the day and year first above written.

By Owner:
Bardeen Partners, Inc.

By: _____
Name Printed: _____
Title: _____

By Broker:
Colliers International Greater Los Angeles, Inc.

By: _____
Name Printed: Amanda Spangler
Title: Managing Director
Broker DRE License #: 01908231
Agent DRE License #: _____
Address: 3 Park Plaza, Suite 1200, Irvine, CA 92614
Phone: 9497245700
Fax: _____
Email: michael.hartel@colliers.com

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INITIALS

INITIALS



EXCLUSIVE RIGHT TO REPRESENT OWNER FOR SALE OR LEASE OF REAL PROPERTY

(Non-Residential)

AIR COMMERCIAL REAL ESTATE ASSOCIATION

1. BASIC PROVISIONS ("BASIC PROVISIONS").

1.1 Parties: This agency Agreement ("Agreement"), dated for reference purposes only February 4, 2016, is made by and between Bardeen Partners, Inc., whose address is 15600 Sand Canyon Ave, Irvine, CA 92618, telephone number (949) 453-5358, Fax No. (949) 453-0128 ("Owner"), and Colliers International, whose address is 3 Park Plaza, Suite 1200, Irvine, CA 92614, telephone number (949) 724-5500, Fax No. (949) 724-5600 ("Agent").

1.2 Property/Premises: The real property, or a portion thereof, which is the subject of this Agreement is commonly known by the street address of 230 Commerce Drive, located in the City of Irvine, County of Orange, State of California, and generally described as (describe briefly the nature of the property): an approximate 40,85' SF two-story multi-tenant office building ("Property"). (See also Paragraph 3).

1.3 Term of Agreement: The term of this Agreement shall commence on February 4, 2016 and expire at 5:00 p.m. on February 3, 2017, except as it may be extended ("Term"). (See also paragraph 4)

1.4 Transaction: The nature of the transaction concerning the Property for which Agent is employed ("Transaction") is (check the appropriate box(es)):

(a) A sale for the following sale price and terms:

and other additional standard terms reasonably similar to those contained in the "STANDARD OFFER, AGREEMENT AND ESCROW INSTRUCTIONS FOR THE PURCHASE OF REAL ESTATE" published by the AIR Commercial Real Estate Association ("AIR"), or for such other price and terms agreeable to Owner;

(b) A lease or other tenancy for the following rent and terms: as determined by Owner

and other additional standard terms reasonably similar to those contained in the appropriate AIR lease form or for such other rent and terms agreeable to Owner.

2. EXCLUSIVE EMPLOYMENT AND RIGHTS.

2.1 Owner hereby employs Agent as Owner's sole and exclusive agent to represent Owner in the Transaction and to find buyers or lessees/tenants ("lessees"), as the case may be, for the Property. Agent shall use reasonably diligent efforts to find such buyers or lessees. All negotiations and discussions for a Transaction shall be conducted by Agent on behalf of Owner. Owner shall promptly disclose and refer to Agent all written or oral inquiries or contacts received by Owner from any source regarding a possible Transaction.

2.2 Owner authorizes Agent to:

(a) Place advertising signs on the Property;

(b) Place a lock box on the Property if vacant;

(c) Accept deposits from potential buyers or lessees; and

(d) Distribute information regarding the Property to participants in THE MULTIPLE ("MULTIPLE") of the AIR and/or any other appropriate local commercial multiple listing service, to other brokers, and to potential buyers or lessees of the Property. Owner shall identify as "confidential" any information provided to Agent that Owner considers confidential and does not want disclosed. All other information provided by Owner may be disclosed as Agent may deem appropriate or necessary. After consummation of a Transaction, Agent may publicize the terms of such Transaction.

2.3 Agent shall comply with the Rules of Professional Conduct of the AIR, if a member or if not, the Rules of Professional Conduct of the Society of Industrial and Office Realtors, and shall submit the Property to the MULTIPLE. Agent shall cooperate with participants in the MULTIPLE and may, at Agent's election, cooperate with other real estate brokers (collectively "Cooperating Broker").

2.4 If the Transaction is a sale and Agent finds a prospective buyer for the Property, or if the Transaction is a lease and Agent finds a prospective lessee for the Property, Owner hereby authorizes Agent also to represent and act as the agent for such buyer or lessee, and Owner consents to such dual agency. If a Cooperating Broker finds such a buyer or lessee, then Agent shall act as agent for Owner only, the Cooperating Broker shall act as agent for the buyer or lessee only, and the Cooperating Broker shall not be Owner's agent, even though the Cooperating Broker may share in the commission paid by Owner to Agent. A Cooperating Broker shall not be an agent or subagent of Owner or Agent.

2.5 Owner agrees that Agent may, during the ordinary and normal course of marketing the Property, respond to inquiries on the Property by showing and providing information on the Property, as well as on other competing properties, to prospective buyers and lessees and that such activities may result in the payment of a commission to Agent by a third party.

3. PROPERTY.

3.1 The term "Property" shall include all of the following which are currently located on the Property and owned by Owner: permanent improvements, electrical distribution systems (power panels, buss ducting, conduits, disconnects, lighting fixtures, etc.), telephone-distribution systems (lines, racks-and-conduits),-space-heaters, air conditioning equipment, air-lines, carpets, window coverings, wall coverings, partitions, doors, suspended ceilings, built-ins such as cabinets, and None

(If there are no additional items write "NONE"). If the Transaction is a sale, the term "Property" shall additionally include, to the extent owned by Owner, oil and mineral rights, leases and other agreements which will continue in effect after Owner's transfer of title to the Property.

3.2 Within five business days after the commencement of the Term hereof, Owner shall provide Agent with the following:


INITIALS

PAGE 1 OF 4

INITIALS

01697 - AIR COMMERCIAL REAL ESTATE ASSOCIATION

FORM OA-7-3/16E

(a) A fully completed and fully executed Property Information Sheet on the most current form published by the AIR;
(b) Copies of all leases, easements, rental agreements, option rights, rights of first refusal, rights of first offer, or other documents containing any other limitations on Owner's right, ability and capacity to consummate a Transaction; and
(c) If available to Owner, copies of building plans, and if the Transaction is a sale, title reports, boundary surveys, and existing notes and trust deeds which will continue to affect the Property after consummation of a sale.
3.3 Agent shall have no responsibility for maintenance, repair, replacement, operation, or security of the Property, all of which shall be Owner's sole responsibility. Unless caused by Agent's gross negligence, Agent shall not be liable for any loss, damage, or injury to the person or property of Owner, any lessees of the Property, any buyer, prospective buyer, lessee, or prospective lessee, including, but not limited to, those which may occur as a result of Agent's use of a lock box.

4. **EXTENSION OF TERM.** If the Transaction is a sale, and a sale is not consummated for any reason after Owner accepts an offer to purchase the Property ("Sale Agreement"), then the expiration date of the Term of this Agreement shall be extended by the number of days that elapsed between the date Owner entered into the Sale Agreement and the date of the date on which the Sale Agreement is terminated or the date Owner is able to convey title to a new buyer free and clear of any claims by the prior buyer of the Property; provided, however, in no event shall the Term be extended beyond one year from the date the Term would have otherwise expired.

5. **COMMISSION.**

5.1 Owner shall pay Agent a commission in the amount of _____

In accordance with the commission schedule attached hereto ("Agreed Commission"), for a Transaction, whether such Transaction is consummated as a result of the efforts of Agent, Owner, or some other person or entity. Agent shall also be entitled to the Agreed Commission if any of the Owner's representations and warranties described in paragraph 8 are shown to be false. Such Agreed Commission is payable:

(a) If the Transaction is a sale, (i) the Property is sold; (ii) Owner branches or repudiates any Sale Agreement, escrow instructions or other documents executed by Owner regarding the sale of the Property; (iii) the Property or any interest therein is voluntarily or involuntarily sold, conveyed, contributed or transferred; (iv) the Property or any interest therein is taken under the power of eminent domain or sold under threat of condemnation, or (v) if Owner is a partnership, joint venture, limited liability company, corporation, trust or other entity, and any interest in Owner is voluntarily or involuntarily sold, contributed, conveyed or transferred to another person or entity that, as of the date hereof, does not have any ownership interest in Owner;

(b) If the Transaction is a lease and a lease of the Property, or a portion thereof is executed; or
(c) If Owner (i) removes or withdraws the Property from a Transaction or the market; (ii) acts as if the Property is not available for a Transaction; (iii) treats the Property as not available for a Transaction; (iv) breaches, terminates, cancels or repudiates this Agreement; (v) renders the Property unmarketable; or (vi) changes the status of the Property's title, leases, agreements, physical condition or other aspects thereof, which such change adversely impacts the value, use, desirability or marketability of the Property.

(d) If earnest money or similar deposits made by a prospective purchaser or tenant are forfeited Agent shall be entitled to one-half (1/2) thereof, but not to exceed the total amount of the commission that would have been payable had the sale or lease transaction been consummated.

5.2 If the Transaction is a sale, the purchase agreement and/or escrow instructions to be entered into by and between Owner and a buyer of the Property shall provide that:

(a) Owner irrevocably instructs the escrow holder to pay from Owner's proceeds accruing to the account of Owner at the close of escrow the Agreed Commission to Agent;

(b) A contingency to the consummation of the sale shall be the payment of the Agreed Commission to Agent at or prior to close of the escrow; and

(c) No change shall be made by Owner or buyer with respect to the time of, amount of, or the conditions to payment of the Agreed Commission, without Agent's written consent.

6. **ALTERNATIVE TRANSACTION.** If the Transaction changes to any other transaction, including, but not limited to, a sale, exchange, option to buy, right of first refusal, ground lease, lease, sublease or assignment of lease (collectively "Alternative Transaction"), then Agent shall automatically be Owner's sole and exclusive Agent for such Alternative Transaction and represent Owner in such Alternative Transaction, under the terms and conditions of this Agreement. If, during the Term hereof, an Alternative Transaction is entered into, then Owner shall pay Agent the Agreed Commission.

7. **EXCLUDED AND REGISTERED PERSONS.**

7.1 Owner shall, within 6 business days after the date hereof, provide Agent, in writing, with the names of those persons or entities registered with Owner by any other broker under any prior agreement concerning the Property ("Excluded Persons", see paragraph 7.5). Owner shall also specify for each Excluded Person the type of transaction the consummation of which during the Term of this Agreement entitles such other broker to any compensation ("Excluded Transaction"). Agent may within 10 days of receiving such written list, either (a) accept the Excluded Persons and Excluded Transactions, (b) cancel this Agreement, or (c) attempt to consummate this portion of the Agreement with Owner. Once accepted by Agent, the written list shall automatically become an exhibit to this Agreement. If Owner timely provides Agent with the names of the Excluded Persons and specifies the Excluded Transaction for each Excluded Person, then the Agreed Commission paid to Agent with respect to consummation of such an Excluded Transaction with an Excluded Person shall be limited as follows: if such Excluded Transaction is concluded within the first 30 days of the consummation of the Term hereof, then Agent shall be paid a commission equal to the reasonable out-of-pocket expenses incurred by Agent in the marketing of the Property during said 30 days; or if such Excluded Transaction is concluded during the remainder of the Term hereof, then Agent shall be entitled to a commission equal to one-half of the agreed Commission. If the specified information concerning Excluded Persons and Transactions is not provided as set forth herein, then it shall be conclusively deemed that there are no Excluded Persons.

7.2 Agent shall, within 6 business days after the expiration of the Term hereof, provide Owner, in writing, with the names of those persons or entities with whom Agent either directly or through another broker had negotiated during the Term hereof ("Registered Persons", see paragraph 7.5), and specify the type of transaction of the Property for which such negotiations were conducted ("Registered Transaction"). Those persons or entities who submitted written offers or letters of intent shall, however, automatically be deemed to be Registered Persons for the type of transaction which was the subject of such offer or letter of intent. If Agent fails to timely notify Owner of the existence of any other Registered Persons, then it shall be conclusively deemed that there are no other Registered Persons. A person or entity shall not be a Registered Person if Agent fails to timely specify a Registered Transaction for such person or entity. The parties are aware that the registration of certain individuals and/or entities might create a Dual Agency, and Owner hereby consents to any such Dual Agency.

7.3 If, within 180 days after the expiration of the Term hereof, Owner enters into a contract with a Registered Person for consummation of a Registered Transaction, then Owner shall, upon consummation of such Registered Transaction, pay Agent the Agreed Commission for the Registered Transaction.

7.4 If, within 180 days after the expiration of the Term hereof, Owner enters into another owner-agent or listing agreement with a broker other than Agent for any transaction concerning the Property, then Owner shall provide to Owner's new broker the names of the Registered Persons and the Registered Transaction for each Registered Person, and provide in such new agreement that the new broker shall not be entitled to receive any of the compensation payable to Agent hereunder for consummation of a Registered Transaction with a Registered Person.

7.5 In order to qualify to be an Excluded Person or a Registered Person the individual or entity must have: (a) toured the Property, submitted a letter of interest or intent, and/or made an offer to buy or lease the Property. In addition, Excluded Persons may only be registered by a broker who previously had a valid listing agreement covering the Property, and such broker may only register individuals and entities actually created by such listing broker.

8. **OWNER'S REPRESENTATIONS.**

Owner represents and warrants that:

(a) Each person executing this Agreement on behalf of Owner has the full right, power and authority to execute this Agreement as or on behalf of Owner;

(b) Owner owns the Property and/or has the full right, power and authority to execute this Agreement and to consummate a Transaction as provided herein, and to perform Owner's obligations hereunder;

(c) Neither Owner nor the Property is the subject of a bankruptcy, insolvency, probate or conservatorship proceeding;

(d) Owner has no notice or knowledge that any lessee or sublessee of the Property, if any, is the subject of a bankruptcy or insolvency proceeding;

(e) There are no effective, valid or enforceable option rights, rights of first refusal, rights of first offer or any other restrictions, impediments or limitations on Owner's right, ability and capacity to consummate a Transaction, except as disclosed in writing pursuant to Paragraph 3.2(b).

(f) That as of the date of this Agreement the asking sales price is not less than the total of all monetary encumbrances on the Property.


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9. OWNER'S ACKNOWLEDGMENTS. Owner acknowledges that it has been advised by Agent to consult and retain experts to advise and represent it concerning the legal and tax effects of this Agreement and consummation of a Transaction or Alternative Transaction, as well as the condition and/or legality of the Property, including, but not limited to, the Property's improvements, equipment, soil, topography, title and environmental aspects. Agent shall have no obligation to investigate any such matters unless expressly otherwise agreed to in writing by Owner and Agent. Owner further acknowledges that in determining the financial soundness of any prospective buyer, lessee or security offered, Owner will rely solely upon Owner's own investigation, notwithstanding Agent's assistance in gathering such information.

10. MISCELLANEOUS.

10.1 This Agreement shall not be construed either for or against Owner or Agent, but shall be interpreted, construed and enforced in accordance with the mutual intent of the parties ascertainable from the language of this Agreement.

10.2 All payments by Owner to Agent shall be made in lawful United States currency. If Owner fails to pay to Agent any amount when due under this Agreement, then such amount shall bear interest at the rate of 16% per annum or the maximum rate allowed by law, whichever is less.

10.3 In the event of litigation or arbitration between Owner and Agent arising under or relating to this Agreement or the Property, the prevailing party shall be paid its attorney's fees and costs by the losing party. The term, "Prevailing Party" shall include, without limitation, one who substantially obtains or defends the relief sought, as the case may be, whether by compromise, settlement, judgment, or the abandonment by the other party of its claim or defense. The attorney's fees award shall not be computed in accordance with any court fee schedule, but shall be in an amount to fully reimburse all attorney's fees reasonably incurred in good faith.

10.4 Owner agrees to indemnify, defend (with counsel reasonably acceptable to Agent), and hold Agent harmless from and against any claim or liability asserted against Agent as a result of the failure of Owner to make a full and complete disclosure pursuant to law and paragraph 3.2(a) or as a result of the fact that any of the representations made by Owner (see paragraph 9) were not true at the time that this Agreement was signed.

10.5 Owner hereby releases and relieves Agent, and waives Owner's entire right of recovery against Agent, for direct or consequential loss or damage arising out of or incident to the parties covered by insurance carried by Owner, unless whether or not due to the negligence of Agent.

10.6 In the event that the Transaction is not an outright sale, Owner agrees that if Agent is not paid the Agreed Commission provided for herein within thirty days of the date due, that Agent shall have a lien in the amount of such commission, and may record a notice of such lien, against the Property.

10.7 Owner agrees that no lawsuit or other legal proceeding involving any breach of duty, error or omission relating to the services to be performed by Agent pursuant to this Agreement may be brought against Agent more than one year after the expiration of the Term of this Agreement (see paragraph 1.3) and that the liability (including court costs and attorney's fees) of Agent with respect to any such lawsuit and/or legal proceeding shall not exceed any fee received by Agent pursuant to this Agreement; provided, however, that the foregoing limitation on liability shall not be applicable to any gross negligence or willful misconduct of Agent.

11. ARBITRATION OF DISPUTES.

11.1 ANY CONTROVERSY ARISING UNDER OR RELATING TO THIS AGREEMENT SHALL BE DETERMINED BY BINDING ARBITRATION TO BE CONDUCTED BY: THE AMERICAN ARBITRATION ASSOCIATION OR

USING THE COMMERCIAL RULES ESTABLISHED BY SUCH ORGANIZATION OR IF NONE THE AMERICAN ARBITRATION ASSOCIATION'S COMMERCIAL RULES. ARBITRATION HEARINGS SHALL BE HELD IN THE COUNTY WHERE THE PROPERTY IS LOCATED.

11.2 NOTICE: BY INITIALIZING IN THE SPACE BELOW YOU ARE AGREEING TO HAVE ANY DISPUTE ARISING OUT OF THE MATTERS INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION DECIDED BY NEUTRAL ARBITRATION AS PROVIDED BY CALIFORNIA LAW AND YOU ARE GIVING UP ANY RIGHTS YOU MIGHT POSSESS TO HAVE THE DISPUTE LITIGATED IN A COURT OR JURY TRIAL. BY INITIALIZING IN THE SPACE BELOW YOU ARE GIVING UP YOUR JUDICIAL RIGHTS TO DISCOVERY AND APPEAL, UNLESS THOSE RIGHTS ARE SPECIFICALLY INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION. IF YOU REFUSE TO SUBMIT TO ARBITRATION AFTER AGREEING TO THIS PROVISION, YOU MAY BE COMPELLED TO ARBITRATE UNDER THE AUTHORITY OF THE CALIFORNIA CODE OF CIVIL PROCEDURE. YOUR AGREEMENT TO THIS ARBITRATION PROVISION IS VOLUNTARY.

11.3 WE HAVE READ AND UNDERSTAND THE FOREGOING AND AGREE TO SUBMIT DISPUTES ARISING OUT OF THE MATTERS INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION TO NEUTRAL ARBITRATION.


Owner's Initials


Agent's Initials

11.4 THE PROVISIONS OF THE ABOVE ARBITRATION CLAUSE SHALL NOT BE BINDING ON EITHER PARTY UNLESS BOTH PARTIES HAVE PLACED THEIR INITIALS UNDER PARAGRAPH 11.3.

12. Additional Provisions: Additional provisions of this Agreement are set forth in the following blank lines or in an addendum attached hereto and made a part hereof consisting of paragraphs None through None (if there are no additional provisions write "NONE");

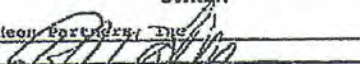
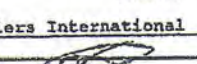
13. Disclosures Regarding The Nature of a Real Estate Agency Relationship. When entering into an agreement with a real estate agent an Owner should from the outset understand what type of agency relationship or representation it has with the agent or agents in the transaction.

(i) Owner's Agent. An Owner's agent may act as an agent for the Owner only. An Owner's agent or subagent has the following affirmative obligations: To the Owner: A fiduciary duty of utmost care, integrity, honesty, and loyalty in dealings. To a potential buyer/lessee and the Owner: a. Diligent exercise of reasonable skills and care in performance of the agent's duties. b. A duty of honest and fair dealing and good faith. c. A duty to disclose all facts known to the agent materially affecting the value or desirability of the property that are not known to, or within the diligent attention and observation of, the Parties. An agent is not obligated to reveal to either Party any confidential information obtained from the other Party which does not involve the affirmative duties set forth above.

(ii) Agent Representing Both Parties. A real estate agent, either acting directly or through one or more associate licensees, can legally be the agent of both Parties in a transaction, but only with the knowledge and consent of the Parties. In a dual agency situation, the agent has the following affirmative obligations to both Parties: a. A fiduciary duty of utmost care, integrity, honesty and loyalty in the dealings with either Party. b. Other duties to the Owner as stated above in subparagraph (i). When representing both Parties, an agent may not without the express permission of the respective Party, disclose to the other Party that the Owner will accept a higher repurchase price in an amount less than that indicated in the listing or that the buyer/lessee is willing to pay a higher repurchase price than that offered.

14. The agent of record for the property shall be Michael J. Hartel. The owner reserves the right to cancel the subject listing with one (1) day written notice to the broker if Michael J. Hartel ceases to be employed by broker.

The above duties of the Agent do not relieve Owner from the responsibility to protect its own interests. Owner should carefully read all agreements to assure that they adequately express its understanding of the transaction.

"OWNER"	"AGENT"
Bardean Partners, Inc.	Colliers International
By: 	By: 
Name Printed: Robert S. Sorenson	Name Printed: Robert G. Caudill
Title: Treasurer	Title: Regional Director
Date: 3-14-2016	Date: 3-18-16
	Agent BRE License #: 00813110

NOTICE: These forms are often modified to meet changing requirements of law and industry needs. Always write or call to make sure you


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are utilizing the most current form: AIR Commercial Real Estate Association, 500 N Brand Blvd, Suite 900, Glendale, CA 91203.
Telephone No. (213) 507-3777. Fax No.: (213) 687-8816.



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FORM OA-7-3/18E

Proposed Commission Structure - Exhibit "A"

BUILDING LEASING

Colliers International Marketing Team: Michael Hartel & Nick Velaquez

New Lease - Marketing Team represents both sides of the lease:	
Years 1-5	(4%) = Four percent of years 1-5.
Years 6-10	(2%) = Two percent of years 6-10.

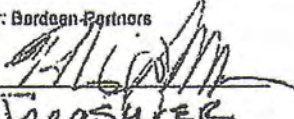
New Lease - Tenant is represented by a broker other than the Marketing Team:	
Years 1-5	(4%) = Four percent of years 1-5 to the procuring Broker. (2%) = Two percent of years 1-5 to Colliers International.
Years 6-10	(2%) = Two percent of years 6-10 to the procuring Broker. (1.5%) = One and one-half percent of years 6-10 to Colliers International.

Tenant Renewal - Marketing Team represents both sides of the lease:	
Years 1-5	(2%) = Two percent of years 1-5 to Colliers International.
Years 6-10	(1%) = One percent of years 6-10 to Colliers International.

Tenant Renewal - Tenant is represented by a broker other than the Marketing Team:	
Years 1-5	(3%)* = Three percent of years 1-5 to procuring Broker. (1.5%)* = One and one-half percent of years 1-5 to Colliers International.
Years 6-10	(1.5%)* = One and one-half percent of years 6-10 to procuring Broker. (0.75%)* = Three-quarters percent of years 6-10 to Colliers International.

*Negotiable on case by case basis. Any or additional fees, bonuses or incentives agreed to by Bardeen Partners to be paid to tenant's broker shall not affect Colliers Marketing Team's fee.

AGREED & ACCEPTED

Owner: Bardeen Partners
 By: 
 Its: Michael Hartel
 Date: 3-14-16

Agent: Colliers International Greater Los Angeles, Inc.
 By: 
 Its: General Partner
 Date: 3-15-16

Exhibit "B"



Sixth AMENDMENT TO
EXCLUSIVE RIGHT TO REPRESENT OWNER
FOR SALE OR LEASE OF REAL PROPERTY

THIS AMENDMENT is made and entered into as of May 2, 2022, by and between Irvine Ranch Water District ("Owner") and Colliers International Greater Los Angeles, Inc. ("Broker") (collectively hereinafter the "Parties").

WHEREAS, on or about February 4, 2016 an Exclusive Right to Represent Owner for Sale or Lease of Real Property ("Agreement") was entered into by and between Owner and Broker relating to certain real property commonly known as (street address, city, state, zip): Building 1 & 2 Waterworks Business Park, Irvine, CA (the "Property"), and

WHEREAS, Owner and Broker have have not previously amended said Agreement, and

WHEREAS, the Owner and Broker now desire to amend said Agreement,

NOW, THEREFORE, ~~for payment of ONE DOLLAR and other good and valuable consideration to Owner,~~ the receipt and sufficiency of which is hereby acknowledged, the Parties mutually agree to make the following additions and modifications to the Agreement:

TERM: The expiration date for the Agreement is hereby advanced extended to May 1, 2023.

SALE; PRICE AND TERMS: The price and terms for the sale of the Property specified in the Agreement are hereby modified in the following respects: _____.

LEASE; RENT AND TERMS: The rent and terms for the leasing or renting of the Property specified in the Agreement are hereby modified in the following respects: _____.

COMMISSION: The amount of the commission payable to Broker is hereby changed to: _____.

OTHER: _____.

This Amendment shall not be construed against the party preparing it, but shall be construed as if all Parties jointly prepared this Amendment and any uncertainty and ambiguity shall not be interpreted against any one party. Signatures to this Amendment accomplished by means of electronic signature or similar technology shall be legal and binding.

All other terms and conditions of the Agreement shall remain unchanged and shall continue in full force and effect except as specifically amended herein.

EXECUTED as of the day and year first above written.

By Owner:

Irvine Ranch Water District

By: _____

Name Printed: _____

Title: _____

By Broker:

Colliers International Greater Los Angeles, Inc.

By: _____

Name Printed: Amanda Spangler

Title: Managing Director

Broker DRE License #: 01908231

Agent DRE License #: _____

Address: 3 Park Plaza, Suite 1200, Irvine, CA 92614

Phone: 9497245700

Fax: _____

Email: michael.hartel@colliers.com

AIR CRE * <https://www.aircre.com> * 213-687-8777 * contracts@aircre.com
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ATROSL-1.02, Revised 10-22-2020

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Last Edited: 5/2/2022 11:54 AM

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EXCLUSIVE RIGHT TO REPRESENT OWNER
FOR SALE OR LEASE OF REAL PROPERTY

(Non-Residential)

AIR COMMERCIAL REAL ESTATE ASSOCIATION

1. BASIC PROVISIONS ("BASIC PROVISIONS")

1.1 Parties: This agency Agreement ("Agreement"), dated for reference purposes only February 4, 2016 is made by and between Irvine Ranch Water District whose address is 15600 Sand Canyon Ave, Irvine, CA 92618 telephone number (949) 453-5350, Fax No. (949) 453-0128 ("Owner"), and Colliers International whose address is 3 Park Plaza, Suite 1200, Irvine, CA 92614 telephone number (949) 724-5500, Fax No. (949) 724-5600 ("Agent").

1.2 Property/Premises: The real property, or a portion thereof, which is the subject of this Agreement is commonly known by the street address of Building 1 & 2 Waterworks Business Park located in the City of Irvine, County of Orange, State of California, and generally described as (describe briefly the nature of the property): an approximate 37,240 SF industrial multi-tenant project. ("Property"). (See also Paragraph 3).

1.3 Term of Agreement: The term of this Agreement shall commence on February 4, 2016 and expire at 5:00 p.m. on February 3, 2017, except as it may be extended ("Term"). (See also paragraph 4)

1.4 Transaction: The nature of the transaction concerning the Property for which Agent is employed ("Transaction") is (check the appropriate box(es)):

(a) [] A sale for the following sale price and terms:

and other additional standard terms reasonably similar to those contained in the "STANDARD OFFER, AGREEMENT AND ESCROW INSTRUCTIONS FOR THE PURCHASE OF REAL ESTATE" published by the AIR Commercial Real Estate Association ("AIR"), or for such other price and terms agreeable to Owner;

(b) [x] A lease or other tenancy for the following rent and terms: as determined by Owner

and other additional standard terms reasonably similar to those contained in the appropriate AIR lease form or for such other rent and terms agreeable to Owner.

2. EXCLUSIVE EMPLOYMENT AND RIGHTS.

2.1 Owner hereby employs Agent as Owner's sole and exclusive agent to represent Owner in the Transaction and to find buyers or leasees/tenants ("lessees"), as the case may be, for the Property. Agent shall use reasonable diligent efforts to find such buyers or leasees. All negotiations and discussions for a Transaction shall be conducted by Agent on behalf of Owner. Owner shall promptly disclose and refer to Agent all written or oral inquiries or contacts received by Owner from any source regarding a possible Transaction.

2.2 Owner authorizes Agent to:

- (a) Place advertising signs on the Property;
(b) Place a lock box on the Property if vacant;
(c) Accept deposits from potential buyers or lessees; and
(d) Distribute information regarding the Property to participants in THE MULTIPLE ("MULTIPLE") of the AIR and/or any other appropriate local commercial multiple listing service, to other brokers, and to potential buyers or lessees of the Property.

Owner shall identify as "confidential" any information provided to Agent that Owner considers confidential and does not want disclosed. All other information provided by Owner may be disclosed as Agent may deem appropriate or necessary. After consummation of a Transaction, Agent may publicize the terms of such Transaction.

2.3 Agent shall comply with the Rules of Professional Conduct of the AIR, if a member or if not, the Rules of Professional Conduct of the Society of Industrial and Office Realtors, and shall submit the Property to the MULTIPLE. Agent shall cooperate with participants in the MULTIPLE and may, at Agent's election, cooperate with other real estate brokers (collectively "Cooperating Broker").

2.4 If the Transaction is a sale and Agent finds a prospective buyer for the Property, or if the Transaction is a lease and Agent finds a prospective lessee for the Property, Owner hereby authorizes Agent also to represent and act as the agent for such buyer or lessee, and Owner consents to such dual agency. If a Cooperating Broker finds such a buyer or lessee, then Agent shall act as agent for Owner only, the Cooperating Broker shall act as agent for the buyer or lessee only, and the Cooperating Broker shall not be Owner's agent, even though the Cooperating Broker may share in the commission paid by Owner to Agent. A Cooperating Broker shall not be an agent or subagent of Owner or Agent.

2.5 Owner agrees that Agent may, during the ordinary and normal course of marketing the Property, respond to inquiries on the Property by showing and providing information on the Property, as well as on other competing properties, to prospective buyers and lessees and that such activities may result in the payment of a commission to Agent by a third party.

3. PROPERTY.

3.1 The term "Property" shall include all of the following which are currently located on the Property and owned by Owner: permanent improvements, electrical distribution systems (power panels, bus ducting, conduits, disconnects, lighting fixtures, etc.), telephone-distribution systems (lines, jacks and connections), space heaters, air conditioning equipment, air lines, carpets, window coverings, wall coverings, partitions, doors, suspended ceiling, built-ins such as cabinets, and None

(If there are no additional items write "NONE"). If the Transaction is a sale, the term "Property" shall additionally include, to the extent owned by Owner, oil and mineral rights, leases and other agreements which will continue in effect after Owner's transfer of title to the Property.

3.2 Within five business days after the commencement of the Term hereof, Owner shall provide Agent with the following:

[Signature]
INITIALS

[Signature]
INITIALS

(b) A duly completed and fully executed Property Information Sheet on the most current form published by the AIRR
(c) Copies of all leases, subleases, rental agreements, option rights, rights of first refusal, rights of first offer, or other documents containing any other limitations on Owner's right, ability and capacity to consummate a Transaction, and
(d) If available to Owner, copies of building plans, and if the Transaction is a sale, title reports, boundary surveys, and existing notes and trust deeds which will continue to affect the Property after consummation of a sale.
3.3 Agent shall have no responsibility for maintenance, repair, replacement, operation, or security of the Property, any of which shall be Owner's sole responsibility. Unless caused by Agent's gross negligence, Agent shall not be liable for any loss, damage, or injury to the person or property of Owner, any lessees of the Property, any buyer, prospective buyer, lessee, or prospective lessee, including, but not limited to, those which may occur as a result of Agent's use of a lock box.

4. **EXTENSION OF TERM.** If the Transaction is a sale, and a sale is not consummated for any reason after Owner accepts an offer to purchase the Property ("Sale Agreement"), then the expiration date of the Term of this Agreement shall be extended by the number of days that elapsed between the date Owner entered into the Sale Agreement and the later of the date on which the Sale Agreement is terminated or the date Owner is able to convey title to a new buyer free and clear of any claims by the prior buyer of the Property; provided, however, in no event shall the Term be so extended beyond one year from the date the Term would have otherwise expired.

5. **COMMISSION.**

5.1 Owner shall pay Agent a commission in the amount of _____
 in accordance with the commission schedule attached hereto ("Agreed Commission"), for a Transaction, whether such Transaction is consummated as a result of the efforts of Agent, Owner, or some other person or entity. Agent shall also be entitled to the Agreed Commission if any of the Owner's representations and warranties described in paragraph 3 are shown to be false. Such Agreed Commission is payable:
(a) If the Transaction is a sale, (i) the Property is sold; (ii) Owner breaches or repudiates any Sale Agreement, escrow instructions or other documents executed by Owner regarding the sale of the Property; (iii) the Property or any interest therein is voluntarily or involuntarily sold, conveyed, contributed or transferred; (iv) the Property or any interest therein is taken under the power of Eminent Domain or sold under threat of condemnation, or (v) if Owner is a partnership, joint venture, limited liability company, corporation, trust or other entity, and any interest in Owner is voluntarily or involuntarily sold, contributed, conveyed or transferred to another person or entity that, as of the date hereof, does not have any ownership interest in Owner;
(b) If the Transaction is a lease and a lease of the Property, or a portion thereof is executed; or
(c) If Owner (i) removes or withdraws the Property from a Transaction or the market; (ii) acts as if the Property is not available for a Transaction; (iii) treats the Property as not available for a Transaction; (iv) breaches, terminates, cancels or repudiates this Agreement; (v) renders the Property unmarketable; or (vi) changes the status of the Property's title, leases, agreements, physical condition or other aspects thereof, which such change adversely impacts the value, use, desirability or marketability of the Property.
(d) If earnest money or similar deposits made by a prospective purchaser or tenant are forfeited Agent shall be entitled to one-half (1/2) thereof, but not to exceed the total amount of the commission that would have been payable had the sale or lease transaction been consummated.

5.2 If the Transaction is a sale, the purchase agreement and/or escrow instructions to be entered into by and between Owner and a buyer of the Property shall provide that:
(a) Owner irrevocably instructs the escrow holder to pay from Owner's proceeds according to the account of Owner at the close of escrow the Agreed Commission to Agent;
(b) A contingency to the consummation of the sale shall be the payment of the Agreed Commission to Agent at or prior to close of the escrow; and
(c) No change shall be made by Owner or buyer with respect to the time of, amount of, or the conditions to payment of the Agreed Commission, without Agent's written consent.

6. **ALTERNATIVE TRANSACTION.** If the Transaction changes to any other transaction, including, but not limited to, a sale, exchange, option to buy, right of first refusal, ground lease, lease, sublease or assignment of lease (collectively "Alternative Transaction"), then Agent shall automatically be Owner's sole and exclusive Agent for such Alternative Transaction and represent Owner in such Alternative Transaction, under the terms and conditions of this Agreement. If, during the Term hereof, an Alternative Transaction is entered into, then Owner shall pay Agent the Agreed Commission.

7. **EXCLUDED AND REGISTERED PERSONS.**

7.1 Owner shall, within 5 business days after the date hereof, provide Agent, in writing, with the names of those persons or entities registered with Owner by any other broker under any prior agreement concerning the Property ("Excluded Persons", see paragraph 7.6). Owner shall also specify for each Excluded Person the type of transaction the consummation of which during the Term of this Agreement entitles such other broker to any compensation ("Excluded Transaction"). Agent may within 10 days of receiving such written list, either (a) accept the Excluded Persons and Excluded Transactions, (b) cancel this Agreement, or (c) attempt to renegotiate this portion of the Agreement with Owner. Once accepted by Agent, the written list shall automatically become an exhibit to this Agreement. If Owner timely provides Agent with the names of the Excluded Persons and specifies the Excluded Transaction for each Excluded Person, then the Agreed Commission paid to Agent with respect to consummation of such an Excluded Transaction with an Excluded Person shall be limited as follows: if such Excluded Transaction is concluded within the first 30 days of the commencement of the Term hereof, then Agent shall be paid a commission equal to the reasonable out-of-pocket expenses incurred by Agent in the marketing of the Property during said 30 days; or if such Excluded Transaction is concluded during the remainder of the Term hereof, then Agent shall be entitled to a commission equal to one-half of the Agreed Commission. If the specified information concerning Excluded Persons and Transactions is not provided as set forth herein, then it shall be conclusively deemed that there are no Excluded Persons.

7.2 Agent shall, within 5 business days after the expiration of the Term hereof, provide Owner, in writing, with the names of those persons or entities with whom Agent either directly or through another broker had negotiated during the Term hereof ("Registered Persons", see paragraph 7.6), and specify the type of transaction of the Property for which such negotiations were conducted ("Registered Transactions"). Those persons or entities who submitted written offers or letters of intent shall, however, automatically be deemed to be Registered Persons for the type of transaction which was the subject of such offer or letter of intent. If Agent fails to timely notify Owner of the existence of any other Registered Persons, then it shall be conclusively deemed that there are no other Registered Persons. A person or entity shall not be a Registered Person if Agent fails to timely specify a Registered Transaction for such person or entity. The parties are aware that the registration of certain individuals and/or entities might create a Dual Agency, and Owner hereby consents to any such Dual Agency.

7.3 If, within 180 days after the expiration of the Term hereof, Owner enters into a contract with a Registered Person for consummation of a Registered Transaction, then Owner shall, upon consummation of such Registered Transaction, pay Agent the Agreed Commission for the Registered Transaction.

7.4 If, within 180 days after the expiration of the Term hereof, Owner enters into another owner-agency or listing agreement with a broker other than Agent for any transaction concerning the Property, then Owner shall provide to Owner's new broker the names of the Registered Persons and the Registered Transaction for each Registered Person, and provide in such new agreement that the new broker shall not be entitled to receive any of the compensation payable to Agent hereunder for consummation of a Registered Transaction with a Registered Person.

7.5 In order to qualify to be an Excluded Person or a Registered Person the individual or entity must have: toured the Property, submitted a letter of interest or intent, and/or made an offer to buy or lease the Property. In addition, Excluded Persons may only be registered by a broker who previously had a valid listing agreement covering the Property, and such broker may only register individuals and entities actually procured by such listing broker.

8. **OWNER'S REPRESENTATIONS.**

Owner represents and warrants that:
(a) Each person executing this Agreement on behalf of Owner has the full right, power and authority to execute this Agreement as or on behalf of Owner;
(b) Owner owns the Property and/or has the full right, power and authority to execute this Agreement and to consummate a Transaction as provided herein, and to perform Owner's obligations hereunder;
(c) Neither Owner nor the Property is the subject of a bankruptcy, insolvency, probate or conservatorship proceeding;
(d) Owner has no notice or knowledge that any lessee or sublessee of the Property, if any, is the subject of a bankruptcy or insolvency proceeding;
(e) There are no effective, valid or enforceable option rights, rights of first refusal, rights of first offer or any other restrictions, impediments or limitations on Owner's right, ability and capacity to consummate a Transaction, except as disclosed in writing pursuant to Paragraph 3.2(b).
(f) That as of the date of this Agreement the asking sales price is not less than the total of all monetary encumbrances on the Property.


INITIALS


INITIALS

9. OWNER'S ACKNOWLEDGMENTS. Owner acknowledges that it has been advised by Agent to consult and retain experts to advise and represent it concerning the legal and tax effects of this Agreement and consummation of a Transaction or Alternative Transaction, as well as the condition and/or legality of the Property, including, but not limited to, the Property's improvements, equipment, soil, tenancies, title and environmental aspects. Agent shall have no obligation to investigate any such matters unless expressly otherwise agreed to in writing by Owner and Agent. Owner further acknowledges that in determining the financial soundness of any prospective buyer, lessee or security offered, Owner will rely solely upon Owner's own investigation, notwithstanding Agent's assistance in gathering such information.

10. MISCELLANEOUS.

10.1 This Agreement shall not be construed either for or against Owner or Agent, but shall be interpreted, construed and enforced in accordance with the mutual intent of the parties ascertainable from the language of this Agreement.

10.2 All payments by Owner to Agent shall be made in lawful United States currency. If Owner fails to pay to Agent any amount when due under this Agreement, then such amount shall bear interest at its rate of 16% per annum or the maximum rate allowed by law, whichever is less.

10.3 In the event of litigation or arbitration between Owner and Agent arising under or relating to this Agreement or the Property, the prevailing party shall be paid its attorney's fees and costs by the losing party. The term, "Prevailing Party" shall include, without limitation, one who substantially obtains or defeats the relief sought, as the case may be, whether by compromise, settlement, judgment, or the abandonment by the other party of its claim or defense. The attorney's fees award shall not be computed in accordance with any court fee schedule, but shall be in an amount to fully reimburse all attorney's fees reasonably incurred in good faith.

10.4 Owner agrees to indemnify, defend (with counsel reasonably acceptable to Agent), and hold Agent harmless from and against any claim or liability asserted against Agent as a result of the failure of Owner to make a full and complete disclosure pursuant to law and paragraph 3.2(u) or as a result of the fact that any of the representations made by Owner (see paragraph 8) were not true at the time that this Agreement was signed.

10.5 Owner hereby releases and relieves Agent, and waives Owner's entire right of recovery against Agent, for direct or consequential loss or damage arising out of or incident to the perils covered by insurance carried by Owner, unless otherwise stated in the policy of insurance.

10.6 In the event that the Transaction is not an outright sale, Owner agrees that if Agent is not paid the agreed Commission provided for herein within thirty days of the date due, that Agent shall have a lien in the amount of such commission, and may record a notice of such lien, against the Property.

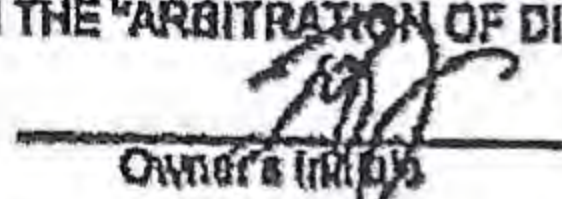
10.7 Owner agrees that no lawsuit or other legal proceeding involving any breach of duty, error or omission relating to the services to be performed by Agent pursuant to this Agreement may be brought against Agent more than one year after the expiration of the Term of this Agreement (see paragraph 5.3) and that the liability (including court costs and attorney's fees) of Agent with respect to any such lawsuit and/or legal proceeding shall not exceed any fee received by Agent pursuant to this Agreement; provided, however, that the foregoing limitation on liability shall not be applicable to any gross negligence or willful misconduct of Agent.

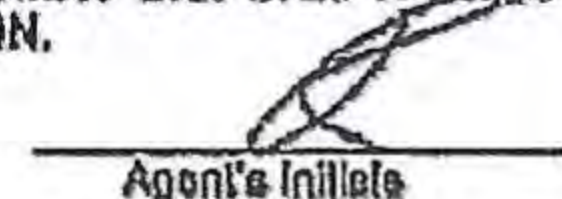
11. ARBITRATION OF DISPUTES.

11.1 ANY CONTROVERSY ARISING UNDER OR RELATING TO THIS AGREEMENT SHALL BE DETERMINED BY BINDING ARBITRATION TO BE CONDUCTED BY: THE AMERICAN ARBITRATION ASSOCIATION OR USING THE COMMERCIAL RULES ESTABLISHED BY SUCH ORGANIZATION OR IF NONE THE AMERICAN ARBITRATION ASSOCIATION'S COMMERCIAL RULES. ARBITRATION HEARINGS SHALL BE HELD IN THE COUNTY WHERE THE PROPERTY IS LOCATED.

11.2 NOTICE: BY INITIALING IN THE SPACE BELOW YOU ARE AGREEING TO HAVE ANY DISPUTE ARISING OUT OF THE MATTERS INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION DECIDED BY NEUTRAL ARBITRATION AS PROVIDED BY CALIFORNIA LAW AND YOU ARE GIVING UP ANY RIGHTS YOU MIGHT POSSESS TO HAVE THE DISPUTE LITIGATED IN A COURT OR JURY TRIAL. BY INITIALING IN THE SPACE BELOW YOU ARE GIVING UP YOUR JUDICIAL RIGHTS TO DISCOVERY AND APPEAL, UNLESS THOSE RIGHTS ARE SPECIFICALLY INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION. IF YOU REFUSE TO SUBMIT TO ARBITRATION AFTER AGREEING TO THIS PROVISION, YOU MAY BE COMPELLED TO ARBITRATE UNDER THE AUTHORITY OF THE CALIFORNIA CODE OF CIVIL PROCEDURE. YOUR AGREEMENT TO THIS ARBITRATION PROVISION IS VOLUNTARY.

11.3 WE HAVE READ AND UNDERSTAND THE FOREGOING AND AGREE TO SUBMIT DISPUTES ARISING OUT OF THE MATTERS INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION TO NEUTRAL ARBITRATION.


Owner's Initials


Agent's Initials

11.4 THE PROVISIONS OF THE ABOVE ARBITRATION CLAUSE SHALL NOT BE BINDING ON EITHER PARTY UNLESS BOTH PARTIES HAVE PLACED THEIR INITIALS UNDER PARAGRAPH 11.3.

12. Additional Provisions: Additional provisions of this Agreement are set forth in the following blank lines or in an addendum attached hereto and made a part hereof consisting of paragraphs None through None (if there are no additional provisions write "NONE"):

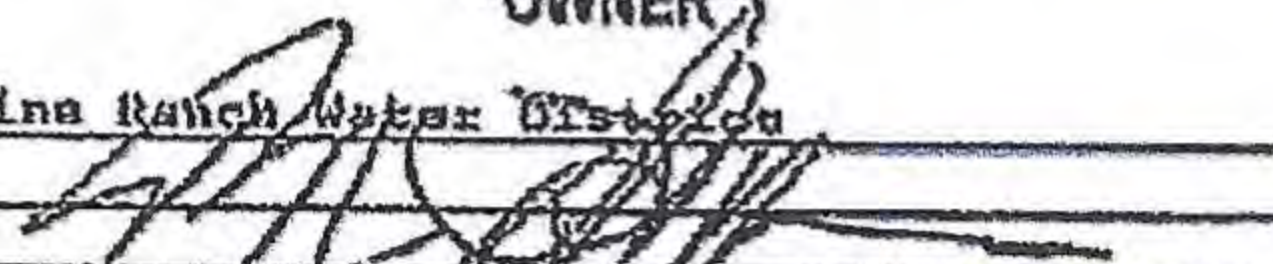
13. Disclosure Regarding The Nature of a Real Estate Agency Relationship. When entering into an agreement with a real estate agent an Owner should from the outset understand what type of agency relationship or representation it has with the agent or agents in the transaction.


(i) **Owner's Agent.** An Owner's agent may act as an agent for the Owner only. An Owner's agent or subagent has the following affirmative obligations: To the Owner: A fiduciary duty of utmost care, integrity, honesty, and loyalty in dealings. To a potential buyer/lessee and the Owner: a. Diligent exercise of reasonable skills and care in performance of the agent's duties. b. A duty of honest and fair dealing and good faith. c. A duty to disclose all facts known to the agent materially affecting the value or desirability of the property that are not known to, or within the diligent attention and observation of, the Parties. An agent is not obligated to reveal to either Party any confidential information obtained from the other Party which does not involve the affirmative duties set forth above.

(ii) **Agent Representing Both Parties.** A real estate agent, either acting directly or through one or more associate licensees, can legally be the agent of both Parties in a transaction, but only with the knowledge and consent of the Parties. In a dual agency situation, the agent has the following affirmative obligations to both Parties: a. A fiduciary duty of utmost care, integrity, honesty and loyalty in the dealings with either Party. b. Other duties to the Owner as stated above in subparagraph (i). When representing both Parties, an agent may not without the express permission of the respective Party, disclose to the other Party that the Owner will accept rent/purchase price in an amount less than that indicated in the listing or that the buyer/lessee is willing to pay a higher rent/purchase price than that offered.

14. The agent of record for the property shall be Michael J. Hartel. The owner reserves the right to cancel the subject listing with one (1) day written notice to the broker if Michael J. Hartel ceases to be employed by broker.

The above duties of the Agent do not relieve Owner from the responsibility to protect its own interests. Owner should carefully read all agreements to assure that they adequately express its understanding of the transaction.

"OWNER"
Irving Ranch Water Division
By: 
Name Printed: Robert Jacobson
Title: Treasurer
Date: 3-14-2016

"AGENT"
Colliers International
By: 
Name Printed: Robert G. Caudill
Title: Regional Director
Date: 3-10-16
Agent BRE License #: 00613140


INITIALS

INITIALS

NOTICE: These forms are often modified to meet changing requirements of law and industry needs. Always write or call to make sure you are utilizing the most current form: AIR Commercial Real Estate Association, 500 N Brand Blvd, Suite 200, Glendale, CA 91203. Telephone No. (213) 687-5777. Fax No.: (213) 687-8810.



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PAGE 4 OF 4



FORM OA-7-3/18E

Proposed Commission Structure - Exhibit "A"

BUILDING LEASING

Colliers International Marketing Team: Michael Hartel & Nick Velazquez

New Lease - Marketing Team represents both sides of the lease:	
Years 1-5	(4%) = Four percent of years 1-5.
Years 6-10	(2%) = Two percent of years 6-10.

New Lease - Tenant is represented by a broker other than the Marketing Team:	
Years 1-5	(4%) = Four percent of years 1-5 to the procuring Broker. (2%) = Two percent of years 1-5 to Colliers International.
Years 6-10	(2%) = Two percent of years 6-10 to the procuring Broker. (1.5%) = One and one-half percent of years 6-10 to Colliers International.

Tenant Renewal - Marketing Team represents both sides of the lease:	
Years 1-5	(2%) = Two percent of years 1-5 to Colliers International.
Years 6-10	(1%) = One percent of years 6-10 to Colliers International.

Tenant Renewal - Tenant is represented by a broker other than the Marketing Team:	
Years 1-5	(3%)* = Three percent of years 1-5 to procuring Broker. (1.5%)* = One and one-half percent of years 1-5 to Colliers International.
Years 6-10	(1.5%)* = One and one-half percent of years 6-10 to procuring Broker. (0.75%)* = Three-quarters percent of years 6-10 to Colliers International.

*Negotiable on case by case basis. Any or additional fees, bonuses or incentives agreed to by Irvine Ranch Water District to be paid to tenant's broker shall not affect Colliers Marketing Team's fee.

AGREED & ACCEPTED


Owner: Irvine Ranch Water District
 By: [Signature]
 Its: Treasurer
 Date: 3-14-16

Agent: Colliers International Greater Los Angeles, Inc.
 By: [Signature]
 Its: [Signature]
 Date: 3-18-16

May 23, 2022

Prepared by: B. Rios / E. Akiyoshi

Submitted by: K. Burton

Approved by: Paul A. Cook 

CONSENT CALENDAR

REIMBURSEMENT AGREEMENT BETWEEN IRWD AND THE CITY OF IRVINE FOR THE FISCAL YEAR 2021-22 ANNUAL STREET REHABILITATION AND SLURRY SEAL PROJECT

SUMMARY:

The City of Irvine (City) is proceeding with its pavement rehabilitation and slurry seal for the Fiscal Year (FY) 2021-22 Annual Street Rehabilitation and Slurry Seal Project. This project requires an individual Reimbursement Agreement (RA) since the estimated construction cost is over \$100,000. Staff recommends the Board authorize the General Manager to execute an RA with the City for the FY 2021-22 Annual Street Rehabilitation and Slurry Seal Project, subject to non-substantive changes.

BACKGROUND:

IRWD has had an RA in place with the City since 1995 for managing various street rehabilitation projects. Typically included in the City's Capital Improvement projects are alternate bid items for raising existing IRWD sewer manhole covers, sewer cleanouts, and water valve frames and lids to the new pavement grade. Any project up to \$100,000 in reimbursable costs can be authorized by the General Manager as an addendum to this "umbrella" RA.

IRWD and the City have also agreed that any City street improvement project that involves the construction, modification, or relocation of IRWD facilities with an estimated construction cost over \$100,000 will be administered through a separate RA. The City's FY 2021-22 Annual Street Rehabilitation and Slurry Seal Project has an estimated construction cost of \$408,408. Therefore, this project requires a project-specific RA. The terms of the current RA, including design, bidding requirements, reimbursement requirements, inspection and administrative fee remain unchanged from previous annual street rehabilitation reimbursement agreements with the City.

This project includes replacement and adjustment to grade of approximately 118 domestic water valve cans and lids, 65 recycled water valve cans and lids, four sanitary sewer cleanout cans and lids and adjustment to grade of approximately 99 sewer manholes with sewer manhole plywood protection covers. The estimated construction cost is \$408,408 plus a City administrative fee equal to four percent of the actual construction cost per the terms of the RA. The Engineer's Estimate is provided as Exhibit "A", the Location Map as Exhibit "B", and the RA as Exhibit "C". The RA has been reviewed by IRWD's legal counsel.

FISCAL IMPACTS:

Projects 11772, 11778, and 11775 are included in the FY 2021-22 Capital Budget and have adequate budgets to fund the project.

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15061 (b) (3). The activity is covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA.

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on May 17, 2022.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE THE REIMBURSEMENT AGREEMENT BETWEEN IRWD AND THE CITY OF IRVINE FOR INSTALLATION AND ADJUSTMENT OF STREET UTILITIES TO GRADE FOR THE FY 2021-22 ANNUAL STREET REHABILITATION AND SLURRY SEAL PROJECT, SUBJECT TO NON-SUBSTANTIVE CHANGES.

LIST OF EXHIBITS:

Exhibit "A" – FY 2021-22 Annual Street Rehabilitation and Slurry Seal Engineer's Estimate
Exhibit "B" – FY 2021-22 Annual Street Rehabilitation and Slurry Seal Vicinity Map
Exhibit "C" – FY 2021-22 Annual Street Rehabilitation and Slurry Seal Reimbursement Agreement

EXHIBIT "A"

REIMBURSEMENT AGREEMENT BETWEEN IRVINE RANCH WATER DISTRICT (IRWD)
AND THE CITY OF IRVINE
FOR
FY 21-22 ANNUAL STREET REHABILITATION AND SLURRY SEAL PROJECT, BID NO. 22-3163

ENGINEER'S ESTIMATE

ITEM NO.	DESCRIPTION	QUANTITY	UNITS	UNIT COST	EXTENDED AMOUNT
A-1	INSTALL NEW IRWD WATER VALVE FRAME AND COVER TO GRADE	118	EA	\$ 1,200.00	\$ 141,600.00
A-2	INSTALL NEW IRWD RECLAIM WATER VALVE FRAME AND COVER TO GRADE	65	EA	\$ 1,200.00	\$ 78,000.00
A-3	INSTALL NEW IRWD SEWER CLEANOUT FRAME AND COVER TO GRADE	4	EA	\$ 1,200.00	\$ 4,800.00
A-4	ADJUST EXISTING IRWD SEWER MANHOLE FRAME AND COVER TO GRADE	99	EA	\$ 1,200.00	\$ 118,800.00
A-5	INSTALL PLYWOOD COVERS IN IRWD MANHOLES PER IRWD STD DRAWING S-1.	99	EA	\$ 500.00	\$ 49,500.00
TOTAL CONSTRUCTION ESTIMATE					\$ 392,700.00
4% ADMINISTRATION FEE PER SECTION 5 OF AGREEMENT					\$ 15,708.00
TOTAL COSTS					\$ 408,408.00

Note: This page is intentionally left blank.

EXHIBIT B



ZONE 3

FY 21-22 Street Rehabilitation and Slurry Seal Project

STONEGATE

- Crack Seal / Type I Slurry Seal
- Crack Seal / Type II Slurry Seal
- AC repairs before slurry seal
- Private Streets





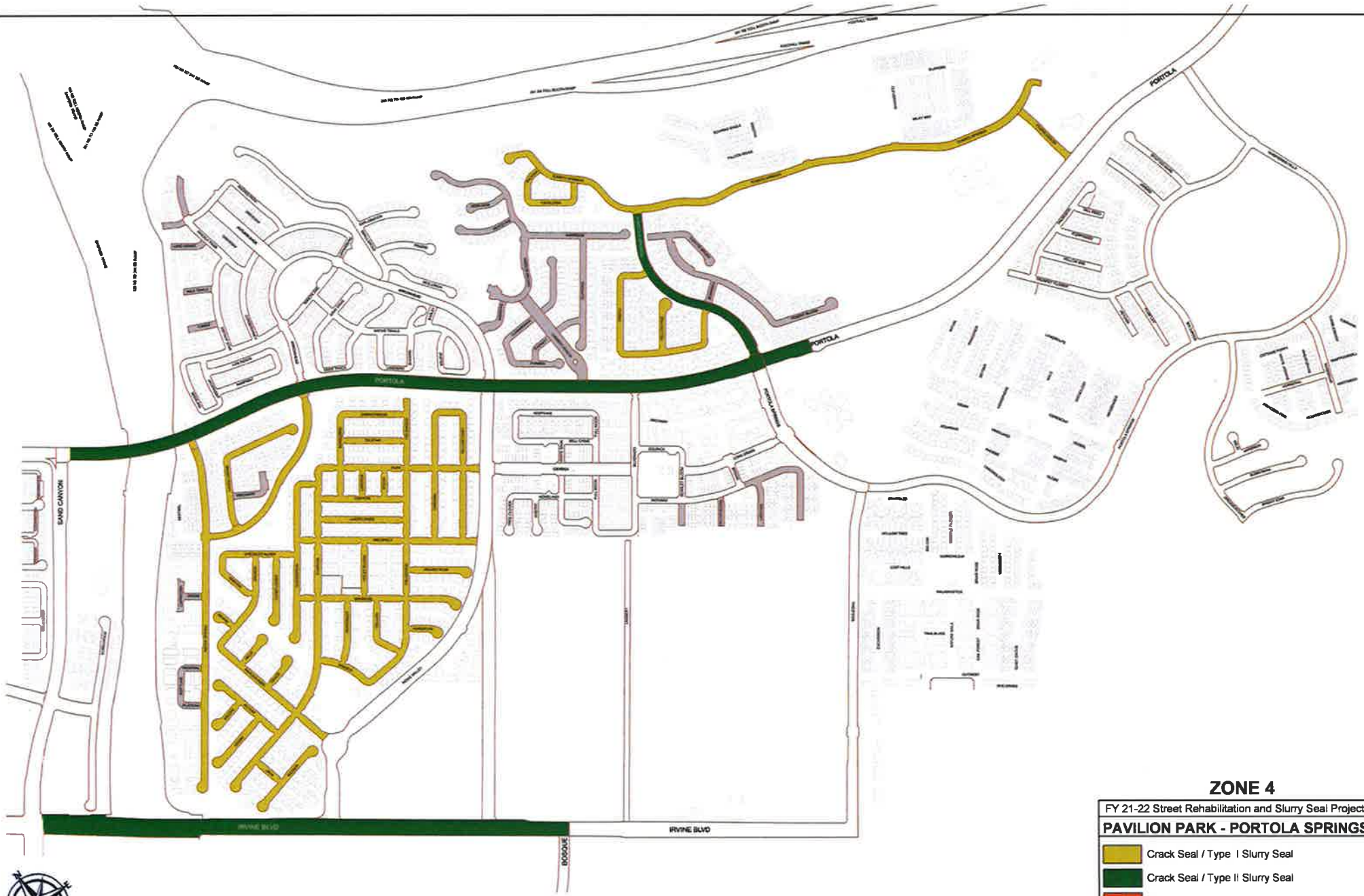
ZONE 1

FY 21-22 Street Rehabilitation and Slurry Seal Project

PA-11

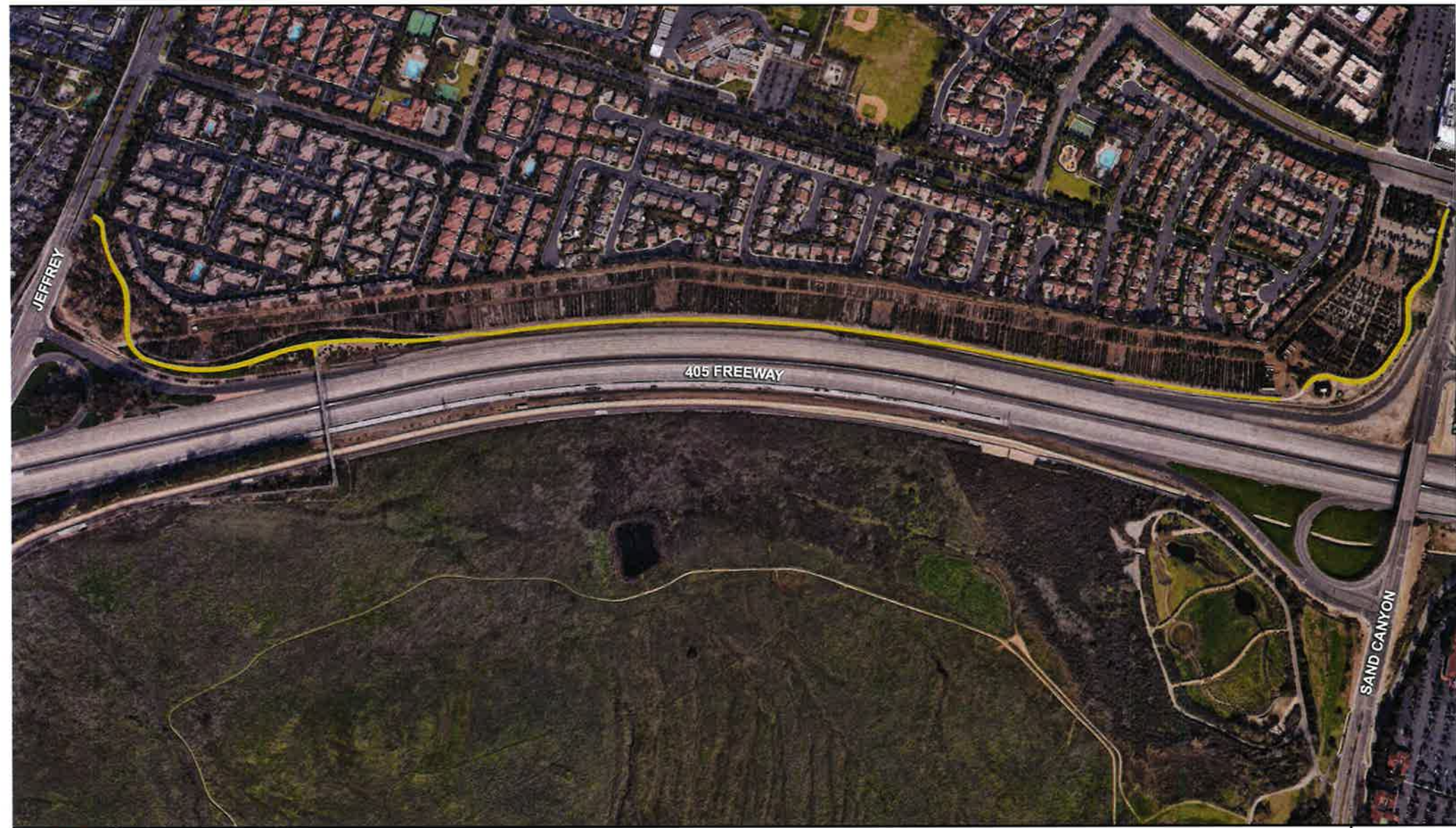
- 0.2' grind and fiber reinforced AC overlay
- Crack Seal / Type I Slurry Seal
- Crack Seal / Type II Slurry Seal
- AC repairs before slurry seal
- Private Streets





ZONE 4

FY 21-22 Street Rehabilitation and Slurry Seal Project	
PAVILION PARK - PORTOLA SPRINGS	
	Crack Seal / Type I Slurry Seal
	Crack Seal / Type II Slurry Seal
	AC repairs before slurry seal
	Private Streets

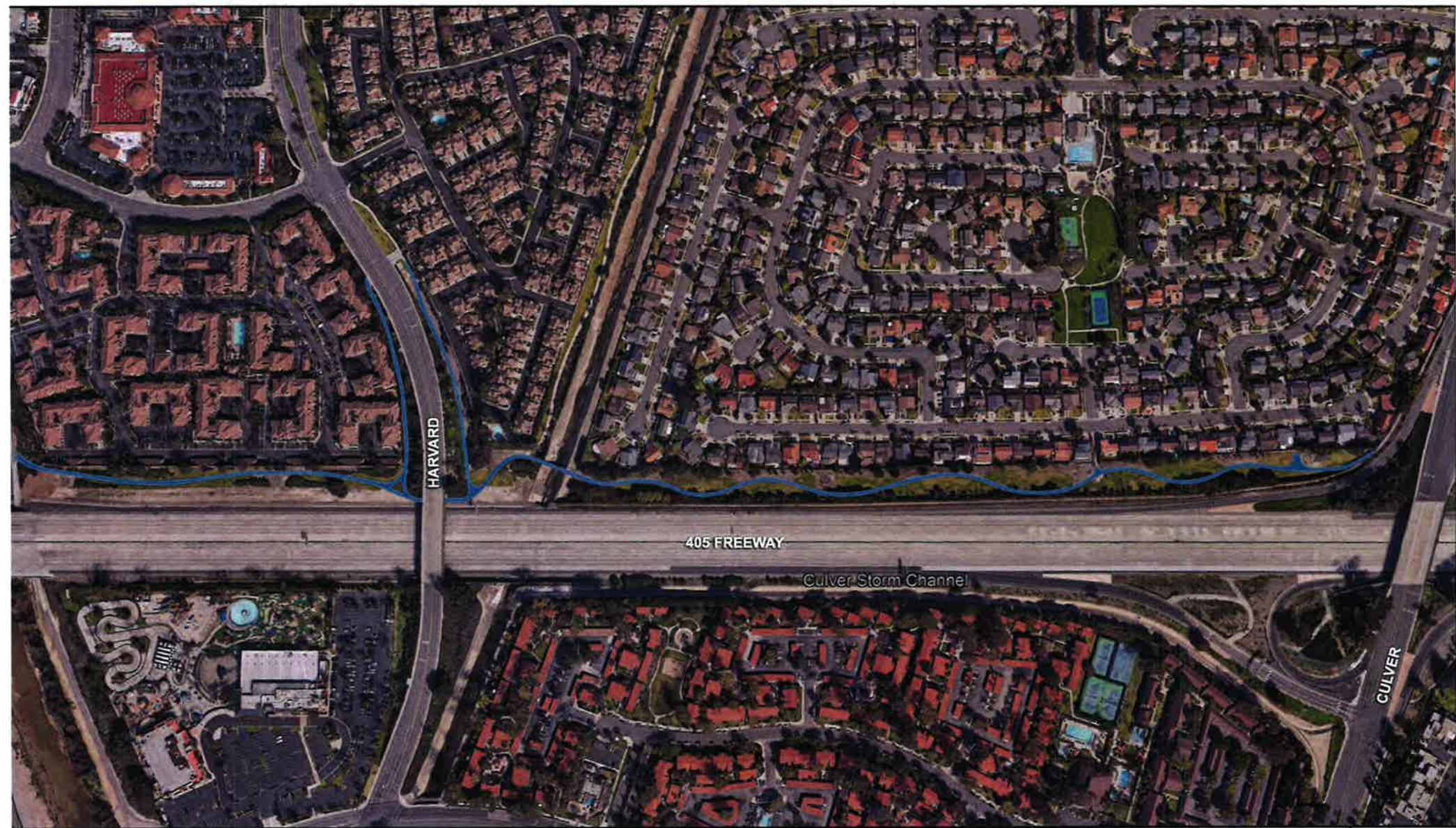


Crack Seal / Type I Slurry Seal

FREEWAY TRAIL

B - 4



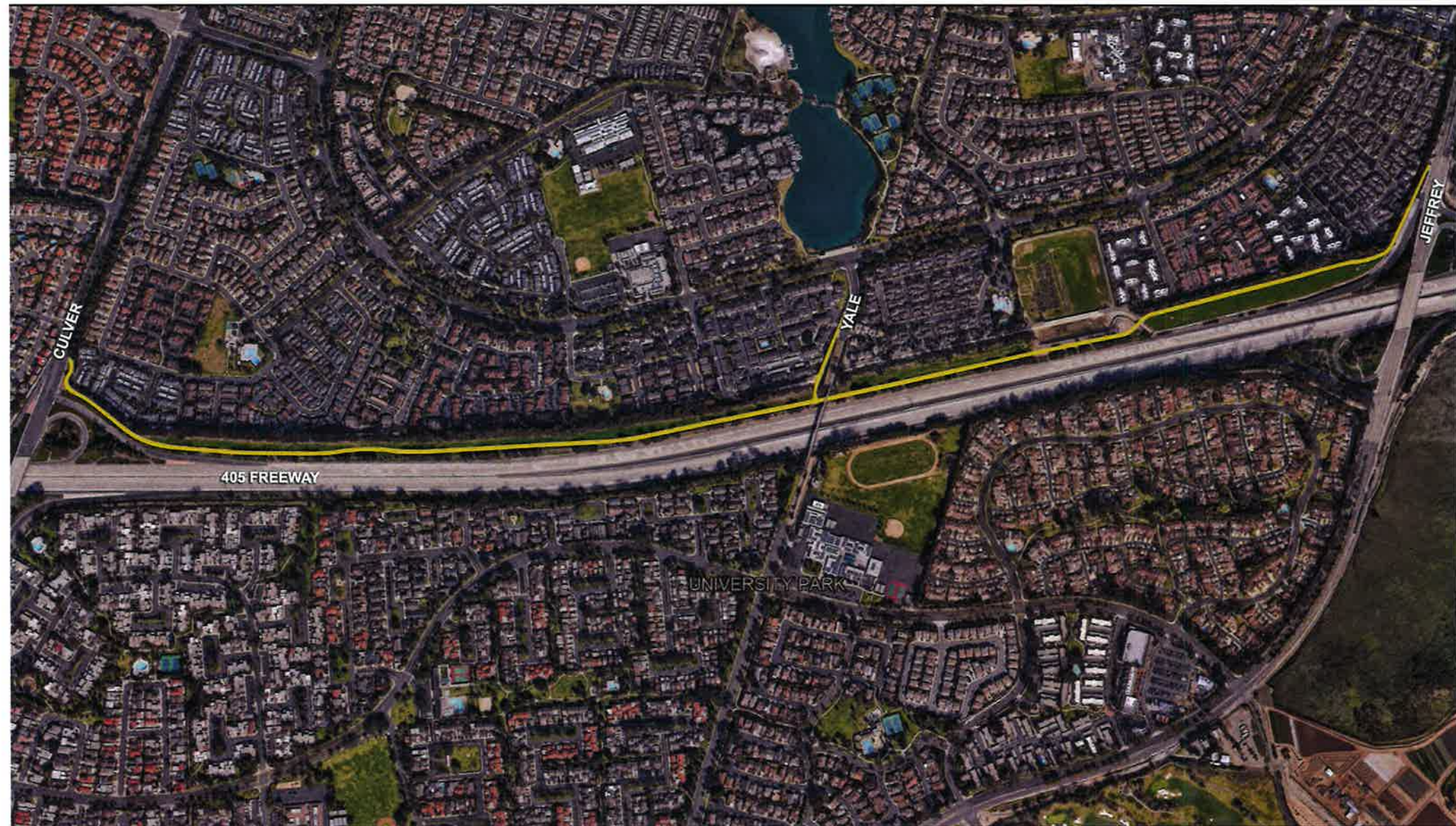


0.2' Grind and Fiber Reinforced AC Overlay

FREEWAY TRAIL

B - 5





405 FREEWAY

CULVER

YALE

JEFFREY

UNIVERSITY PARK

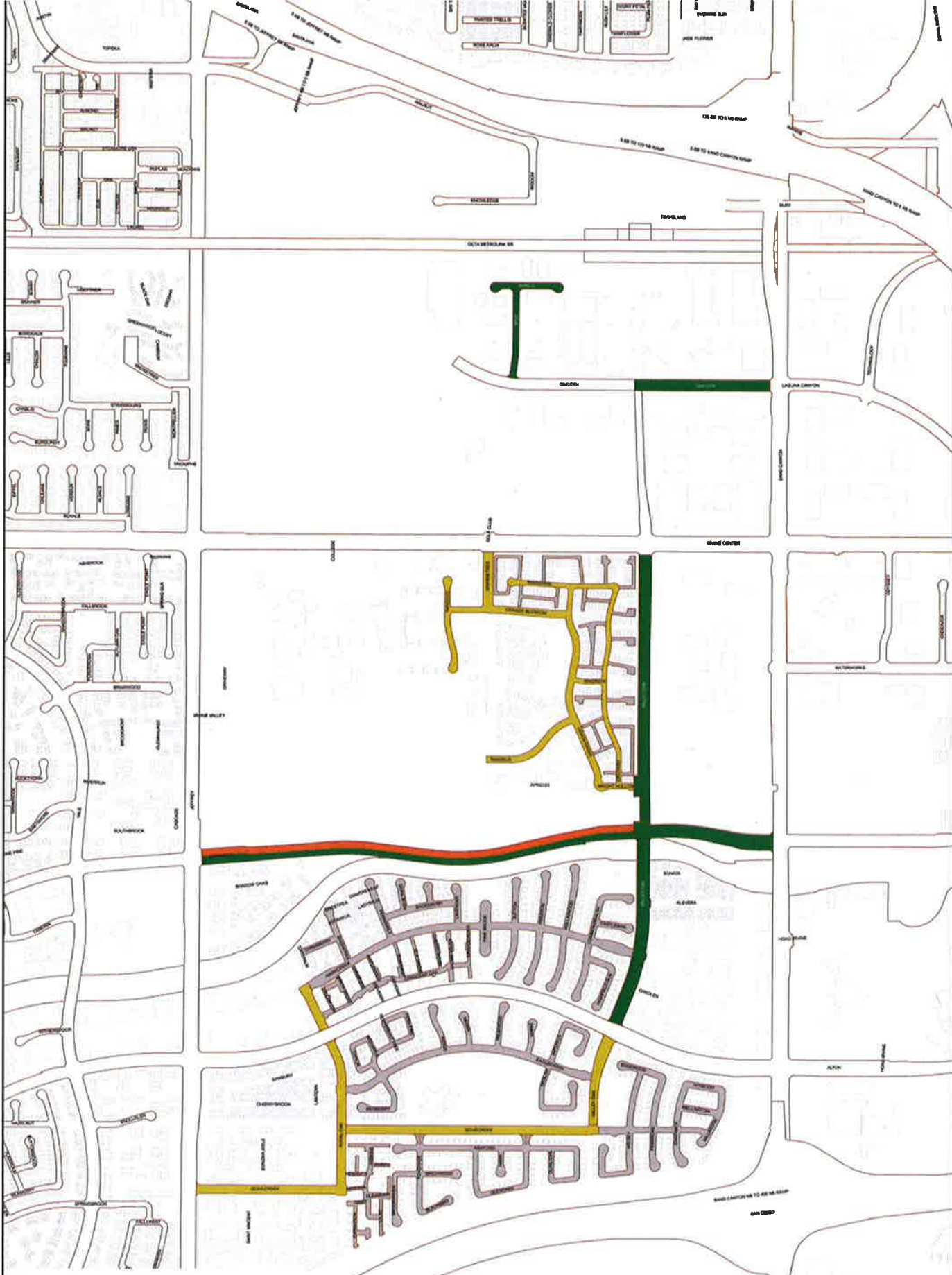


Crack Seal / Type I Slurry Seal

FREEWAY TRAIL

B - 6





ZONE 2

FY 21-22 Street Rehabilitation and Slurry Seal Project
PA-12

- Crack Seal / Type I Slurry Seal
- Crack Seal / Type II Slurry Seal
- AC repairs before slurry seal
- Private Streets



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EXHIBIT C

File No. 11772

REIMBURSEMENT AGREEMENT BETWEEN

IRVINE RANCH WATER DISTRICT

AND THE CITY OF IRVINE

FOR

INSTALLATION AND ADJUSTMENT OF STREET UTILITIES TO GRADE FOR

FY 2021-22 ANNUAL STREET REHABILITATION AND SLURRY SEAL

BID NO. 22-3163

This Agreement is made and entered into as of this ____ day of _____, 2022, by and between IRVINE RANCH WATER DISTRICT, a California water district formed and existing pursuant to the California Water District Law, hereinafter referred to as “DISTRICT,” and the CITY OF IRVINE, a municipal corporation, hereinafter referred to as “CITY.”

W I T N E S S E T H:

WHEREAS, CITY proposes to construct street and utility improvements within the area of the FY 2021-22 Annual Street Rehabilitation and Slurry Seal Project, Bid No. 22-3163 (the “Project”), within the jurisdictional boundaries of DISTRICT and the City of Irvine; and

WHEREAS, such construction will necessitate the following construction work on DISTRICT facilities: replacement and adjustment to grade of approximately 118 Domestic Water Valve cans and lids, replacement and adjustment to grade of approximately 65 Recycled Water Valve cans and lids, replacement and adjustment to grade of approximately 4 Sanitary Sewer Cleanout cans and lids and adjustment to grade of approximately 99 Sanitary Sewer Manholes with included Sewer manhole plywood protection covers, all as described on Exhibit “A” attached hereto and incorporated by reference (the infrastructure above collectively referred to as the “IRWD FACILITIES” and the construction work related to them is the “Work”); and

WHEREAS, the parties have determined that it would be more expedient for CITY to perform the IRWD FACILITIES Work rather than for DISTRICT to do so; and

WHEREAS, DISTRICT is amenable to the CITY performing the IRWD FACILITIES Work with the CITY agreeing to advance the costs; and

WHEREAS, DISTRICT intends to fully reimburse the CITY through payments billed by the CITY and approved by DISTRICT for the entire cost of the IRWD FACILITIES Work; and

WHEREAS, except as otherwise provided herein, upon the completion of the IRWD FACILITIES Work, the parties intend that any newly-installed IRWD FACILITIES shall become the property of DISTRICT in accordance with the terms and conditions hereinafter set forth.

NOW, THEREFORE, in consideration of the mutual promises and covenants hereinafter set forth, the parties agree as follows:

SECTION 1. IRWD FACILITIES. In conjunction with the Project, CITY agrees to initiate and pursue to completion the design and construction of the IRWD FACILITIES Work pursuant to this Agreement.

SECTION 2. PLANS. CITY agrees that the IRWD FACILITIES Work shall be completed pursuant to project plans and specifications (the "Plans and Specifications") approved by DISTRICT. Prior to commencement of preparation of the Plans and Specifications, CITY shall submit its design engineer's proposed improvement plans for the IRWD FACILITIES to DISTRICT. DISTRICT will have a period of five (5) calendar days from its receipt of such design proposal to review and either indicate its approval or request changes. CITY shall cause its design engineer to review and respond to any requested changes. The Plans and Specifications must incorporate (directly or by reference) the applicable portions of DISTRICT's latest edition of *Construction Manual for the Construction of Water, Sewer, and Recycled Water Facilities* (the "Construction Manual"). CITY shall let the contract for the performance of the IRWD FACILITIES Work (together with non-reimbursable work to be completed by CITY within the Project) pursuant to the approved plans prepared by CITY's design engineer.

SECTION 3. BIDDING AND AWARD.

3.1 The parties agree that the performance of the IRWD FACILITIES Work shall be included in CITY's contract(s) awarded for the Project and that the IRWD FACILITIES Work shall be bid as a separate item or items that can be deleted. During the bidding process, CITY shall deliver to IRWD one (1) complete set of the bid documents that include the IRWD FACILITIES Work, including all related addenda concurrently with the distribution thereof to prospective bidders. Upon opening of bids by CITY, CITY will submit the bids or a spread sheet summary of the bids to DISTRICT. DISTRICT will have a period of ten (10) calendar days from its receipt of the bid results for review and approval of the IRWD FACILITIES Work bid item(s) submitted by the bidder identified to DISTRICT by CITY as CITY's proposed successful bidder. CITY agrees that bids received for the construction of the IRWD FACILITIES bid item(s) shall be subject to the approval of DISTRICT prior to award of the Project construction contract(s) that include the IRWD FACILITIES. If DISTRICT does not approve such bids, then either party may terminate this Agreement upon 24 hours' prior written notice, in which event CITY shall have no further obligation to perform the IRWD FACILITIES Work, and DISTRICT may elect to perform the IRWD FACILITIES Work with its own contractor. If DISTRICT approves of the IRWD FACILITIES bid item(s) of CITY's successful bidder, then CITY shall cause the IRWD FACILITIES Work to be performed as part of the contract awarded to such bidder.

3.2 Estimated Costs. The total estimated construction cost for the IRWD FACILITIES Work is \$408,408, but the amount to be reimbursed by DISTRICT will be based on the actual costs of construction plus an administration fee as set forth in further detail in Section 5.

3.3 Contract Documents. Upon award of the construction contract, CITY shall provide DISTRICT with one original copy of the fully-executed contract documents and one copy of the bid package relating to the IRWD FACILITIES received from the successful bidder.

SECTION 4. DESIGN REVISIONS AND CHANGE ORDERS.

4.1 DISTRICT agrees to reimburse CITY for any change order(s) for revision(s) requested by DISTRICT or otherwise required to perform the IRWD FACILITIES Work. CITY shall promptly furnish DISTRICT with copies of any proposed change order(s) to such contract within five (5) working days of the initiation of the changed conditions to such contract, which change orders will be subject to DISTRICT approval if and to the extent the IRWD FACILITIES are affected.

4.2 DISTRICT shall promptly review proposed change order(s) and provide CITY with a response within five (5) working days or sooner of receiving proposed change order(s) information from CITY. DISTRICT agrees not to unreasonably cause delay(s) to the construction schedule of the Project in reviewing proposed change order(s) for the IRWD FACILITIES Work. Notwithstanding any other provision herein, any approval required to be given by the DISTRICT under this Section 4 will be deemed given if no response to the CITY's request for such approval is received by the CITY within eight (8) working days following the written request for such approval, unless the parties agree otherwise in a writing executed by both parties.

SECTION 5. REIMBURSEMENT.

5.1 Costs. CITY shall keep a separate accounting of all costs incurred by CITY in relation to the IRWD FACILITIES Work. DISTRICT shall reimburse CITY for the following costs (collectively, the "Costs"):

(1) Actual Costs: the actual costs of design, construction, permits, bonds, and legal fees (excluding the costs of preparation of this Agreement) incurred by CITY in connection with the design and construction of the IRWD FACILITIES;

plus

(2) Administration Fee: an administration fee which shall be equal to four percent (4%) of the actual cost of construction (costs paid directly to CITY's contractor for construction only, excluding any cost for design, surveying, geotechnical or other work) of the IRWD FACILITIES Work. This amount is deemed to cover all costs of project administration, including, but not limited to, accounting, inspection, surveying, compaction testing, geotechnical services and engineering.

5.2 Invoicing & Payment. Within sixty (60) days of DISTRICT's acceptance of the installed, relocated, or adjusted IRWD FACILITIES as provided in Section 8, a final accounting of the Costs shall be made by CITY and submitted to DISTRICT along with an invoice for the Costs and any supporting documentation necessary to show the amounts which represent Costs of performing the IRWD FACILITIES Work. Amounts paid pursuant to progress payment invoices shall be subject to adjustment in the final accounting. Within 30 days after the DISTRICT's receipt of the final accounting, DISTRICT agrees to pay to CITY the total amount of the Costs.

SECTION 6. LAWS, ORDINANCES, RULES AND REGULATIONS. CITY shall require in its contract for the construction of the IRWD FACILITIES that its contractor be fully informed of and comply with all laws, ordinances, rules and regulations, including, but not limited to, all applicable requirements of the California Labor Code, prevailing wage laws, the Construction Manual, and the Rules and Regulations of DISTRICT, in connection with performing the IRWD FACILITIES Work.

SECTION 7. INSPECTION. DISTRICT shall have sole and absolute discretion as to all aspects of design and construction of the IRWD FACILITIES, and DISTRICT shall be entitled to inspect the construction of IRWD FACILITIES Work as it deems necessary to assure compliance with the Plans and Specifications, including shop drawing review and material inspection thereof. DISTRICT shall have access to all phases of the Project work to be performed by CITY for the purpose of such inspection; provided, however, all questions regarding the work being performed will be directed to CITY's resident engineer. DISTRICT will promptly notify CITY of any portion of the Work on the IRWD FACILITIES which appears not to conform to the Plans and Specifications. The determination of DISTRICT as to conformity of the IRWD FACILITIES Work with the Plans and Specifications shall be made in DISTRICT's sole and absolute discretion. DISTRICT shall not unreasonably withhold its approval as to such conformity of the IRWD FACILITIES Work with the Plans and Specifications. CITY shall require its contractor to construct the IRWD FACILITIES so that the IRWD FACILITIES conform to the Plans and Specifications. CITY shall assume full responsibility for certifying or obtaining certification of the compaction of backfill material over the IRWD FACILITIES.

SECTION 8. ACCEPTANCE.

8.1 Acceptance. DISTRICT shall accept the IRWD FACILITIES, as installed, relocated, or adjusted when the IRWD FACILITIES Work has been completed by CITY in accordance with all requirements of the Plans and Specifications, including any change orders approved by DISTRICT as provided in Section 4.

8.2 As-Builts. At the time of completion and acceptance of the IRWD FACILITIES, CITY shall furnish DISTRICT with one copy of the contractor's redlined set of blue-line "record" drawings (showing all revisions, manufacturer and type of valves, pipe and fittings as required by DISTRICT) and one copy of the compaction reports and certificate, survey notes, and cut sheets.

SECTION 9. OWNERSHIP. Notwithstanding the fact that CITY shall accomplish the construction of the IRWD FACILITIES subject to reimbursement, the IRWD FACILITIES to be completed hereunder, together with the necessary franchises, licenses, easements, rights-of-way, and other privileges, shall at all times be subject to the applicable rates, rules and regulations of DISTRICT, as modified or amended from time to time. CITY hereby disclaims any interest in the IRWD FACILITIES and hereby transfers and assigns to DISTRICT any and all right, title, and interest it may have in the IRWD FACILITIES upon their completion and acceptance. DISTRICT shall own, operate and maintain the IRWD FACILITIES following acceptance thereof.

SECTION 10. GUARANTEES. CITY will, pursuant to the requirement(s) of the Plans and Specifications, cause its contractor(s) for the IRWD FACILITIES to guarantee the IRWD FACILITIES against defects in workmanship and materials for a period of one (1) year from the date of acceptance by CITY, which acceptance shall be given only after acceptance by DISTRICT as provided in Section 8. It is further agreed that CITY shall cause the IRWD FACILITIES to be brought or restored to full compliance with the requirements of the Plans and Specifications, including any test requirements, for any portions of the IRWD FACILITIES which during said one (1) year period are found not to be in conformance with the provisions of the Plans and Specifications. This guarantee is in addition to any and all other warranties, express or implied, from CITY's contractors or material manufacturers, with respect to the IRWD FACILITIES. The guarantee and obligations under this section shall in no way be relieved by DISTRICT's inspection and/or acceptance of the IRWD FACILITIES. This section sets forth the entire guarantee and warranty of CITY with respect to the IRWD FACILITIES Work. The express or implied warranties of other persons with respect to IRWD FACILITIES shall in no way be limited by the guarantee and warranty of CITY contained in this section. If requested by DISTRICT, CITY agrees to assign to DISTRICT the contractor's guarantee and/or any other guarantees or warranties relating to the IRWD FACILITIES Work.

SECTION 11. INDEMNIFICATION.

11.1 CITY shall indemnify, defend and hold DISTRICT, its officers, agents, employees, and engineers harmless from any expense, liability or claim for death, injury, loss, damage or expense to persons or property which may arise or is claimed to have arisen during construction of the IRWD FACILITIES as a result of any work or action performed by CITY or on behalf of CITY, save and except to the extent such expense, liability or claim is proximately caused in whole or in part by any act, omission, or negligence of DISTRICT, its officers, agents, employees or engineers or by any act or omission for which DISTRICT, its officers, agents, employees or engineers are liable without fault.

11.2 DISTRICT shall indemnify, defend and hold CITY, its officers, agents, and employees, harmless from any expense, liability or claim for death, injury, loss, damage or expense to persons or property which may arise or is claimed to have arisen either (i) as a result of any acts performed by DISTRICT, its officers, agents, or employees, with respect to the IRWD FACILITIES construction; or (ii) following DISTRICT acceptance of the IRWD FACILITIES, with respect to maintenance and operation of the IRWD FACILITIES, save and except to the extent such expense, liability or claim is proximately caused in whole or in part by

any negligence of CITY, its officers, agents, employees or engineers, or by any act or omission for which CITY, its officers, agents, employees or engineers are liable without fault.

SECTION 12. INSURANCE AND BONDING. CITY shall cause its contractor(s) to provide performance and payment bonds for the construction of the Project including the IRWD FACILITIES and to obtain insurance coverage sufficiently broad to insure the matters set forth in this Agreement and to include DISTRICT, its officers, agents, employees and engineers, as additional insureds on all insurance policies that CITY requires its contractor(s) to provide. As evidence of such insurance coverage, CITY shall, prior to commencement of performance of the IRWD FACILITIES Work, provide DISTRICT with certificates of insurance and insurance endorsements from CITY's contractor(s) in a form acceptable to DISTRICT.

SECTION 13. TERMINATION.

13.1 DISTRICT shall have the right to terminate this Agreement at any time, subject to the provisions of this section, by providing five (5) business days' prior written notice to CITY, except as provided in Section 3 with respect to unapproved bids. If at the request or direction of a party other than CITY, the performance of the IRWD FACILITIES Work is not accomplished or completed, DISTRICT shall remain obligated for the actual amount of the Costs incurred by CITY to the date of termination.

13.2 If CITY's Project is canceled or modified so as to eliminate the necessity of the construction of the IRWD Facilities, CITY shall have the right to terminate this Agreement and thereby terminate its obligation to perform the IRWD FACILITIES Work, by providing five (5) business days' prior written notice to DISTRICT. In such case, DISTRICT will not be obligated for any design or any other Costs incurred by CITY. If IRWD elects to perform the IRWD FACILITIES Work, DISTRICT may, but shall not be obligated to, acquire the design or other work from CITY by separate agreement.

SECTION 14. NOTICE. Any notice or other written instrument required or permitted by this Agreement to be given to either party shall be deemed received when personally served or twenty-four (24) hours after being deposited in the U.S. Mail, postage prepaid, registered or certified and addressed as follows:

DISTRICT: Irvine Ranch Water District
15600 Sand Canyon Avenue
P.O. Box 57000
Irvine, CA 92619-7000
Attn: General Manager

CITY: City of Irvine
6427 Oak Canyon, Bldg. 1
Irvine, CA 92618
Attn: Allison Tran, Associate Engineer

SECTION 15. SUCCESSORS AND ASSIGNS; INTEGRATION; AMENDMENT. This Agreement shall be binding upon and inure to the benefit of the successor and assigns of CITY and DISTRICT. This Agreement constitutes the entire Agreement between CITY and DISTRICT and supersedes all prior understandings and agreements between the parties with respect to the subjects hereof. This Agreement may be modified only in writing signed by both parties hereto.

SECTION 16. LEGAL FEES. In the event of any declaratory or other legal or equitable action instituted between CITY and DISTRICT in connection with this Agreement, the prevailing party shall be entitled to recover from the losing party all of its costs and expenses, including court costs and reasonable attorneys' fees.

SECTION 17. DEEMED APPROVAL. Any approval required to be given by either party pursuant to this Agreement shall be deemed given if no response to the party's request for such approval is received by the requesting party within fifteen (15) days following the written request for such approval.

SECTION 18. SEVERABILITY. If any term, provision, covenant or condition of this Agreement is held to be invalid, void or other unenforceable, to any extent, by any court of competent jurisdiction, the remainder of this Agreement shall not be affected thereby, and each term provision, covenant or condition of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

SECTION 19. APPLICABLE LAW. This Agreement shall be construed and enforced in accordance with the laws of the State of California.

SECTION 20. WAIVER. The waiver of any provision of this Agreement by either party shall not be deemed to be a waiver of any other provision or of any preceding or subsequent breach hereunder.

IN WITNESS WHEREOF, the parties to the Agreement have executed this Agreement on the date herein above written.

IRVINE RANCH WATER DISTRICT

By _____
Paul Cook, General Manager

Dated _____

ATTEST:

By _____
Secretary/Assistant Secretary

Dated _____

APPROVED AS TO FORM:

By _____
Legal Counsel, IRWD

Dated _____

CITY OF IRVINE
A Municipal Corporation

By _____
Oliver C. Chi
City Manager of the City of Irvine

Dated _____

By _____
Jaimee Bourgeois
Interim Director of Public Works and
Transportation

Dated _____

ATTEST:

By _____
Carl Petersen
City Clerk of the City of Irvine

Dated _____

APPROVED AS TO FORM:

By _____
Robert Owen, RUTAN & TUCKER, LLP
City Attorney of the City of Irvine

Dated _____

May 23, 2022

Prepared by: A. Murphy / M. Cortez

Submitted by: K. Burton

Approved by: Paul A. Cook 

CONSENT CALENDAR

LAKE FOREST WOODS SEWER IMPROVEMENTS BUDGET INCREASE AND CONSULTANT SELECTION

SUMMARY:

The Lake Forest Woods Sewer Improvements project will replace and relocate segments of the sewer system within the Lake Forest Woods community that are at risk of damage from significant erosion of pipe cover due to rainstorm events. Staff recommends the Board:

- Authorize a budget increase for Project 11123 in the amount of \$4,960,000, from \$353,000 to \$5,313,000, and
- Authorize the General Manager to execute a Professional Services Agreement with Woodard & Curran in the amount of \$428,075 for engineering design services for the Lake Forest Woods Sewer Improvements, Project 11123.

BACKGROUND:

This project is located within the Lake Forest neighborhood known as “The Woods,” which is bounded by Lake Forest Drive, Toledo Way, Ridge Route and Jeronimo Road, as shown in Exhibit “A”. This project will replace and relocate portions of the Lake Forest Woods sewer system located within the San Diego Creek and Glenwood Creek channels to reduce the risk of pipe failure from erosion. The existing sewer system in the Lake Forest Woods neighborhood was constructed in 1971 for the Los Alisos Water District when it was common practice to construct gravity sewers parallel to creeks. Since the initial construction, significant erosion has taken place in the creek bed reducing the amount of cover over the existing sewer pipes in the creek to less than one foot in some locations.

IRWD hired Woodard & Curran in 2020 to do a preliminary study to estimate the potential for future scour in the creek and to identify and evaluate improvement alternatives to reduce the risk to IRWD’s sewer system. The recommended alternatives from the study included replacing the existing pipe segments with the highest risk of failure and least remaining cover with new sewer segments located outside of the scour envelope of the creek and eliminating creek crossings along with installation of grade control structures along the Glenwood Creek channel. The preliminary estimate of construction cost for the Lake Forest Woods sewer improvements as described in the preliminary study is \$4 million.

Consultant Selection:

Staff issued a request for proposal for the design of the recommended sewer improvements to four consultants and three responded with proposals: Ardurra, Cannon, and Woodard & Curran. Both Ardurra and Woodard & Curran showed a good understanding of the project and presented a thorough project approach and scope of work. Woodard & Curran has a superior project team

with extensive experience in similar sewer replacement projects. The fees proposed by all three firms are within 10% of one another: Ardurra (\$401,425) and Cannon (\$394,019) and Woodard & Curran (\$428,075). Based on Woodard & Curran's project team and its previous experience on this project, staff recommends the selection of Woodard & Curran. The consultant evaluation matrix is provided as Exhibit "B", and Woodard & Curran's proposal is provided as Exhibit "C".

FISCAL IMPACTS:

Project 11123 is included in the FY 2021-22 Capital Budget. The budget increase shown below is required to fund the design and construction for the project.

Project No.	Current Budget	Budget Addition	Total Budget
11123	\$353,000	\$4,960,000	\$5,313,000

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.

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on May 17, 2022.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE A BUDGET INCREASE FOR PROJECT 11123 IN THE AMOUNT OF \$4,960,000, FROM \$353,000 TO \$5,313,000, AND AUTHORIZE THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH WOODARD & CURRAN IN THE AMOUNT OF \$428,075 FOR ENGINEERING DESIGN SERVICES FOR THE LAKE FOREST WOODS SEWER IMPROVEMENTS, PROJECT 11123.

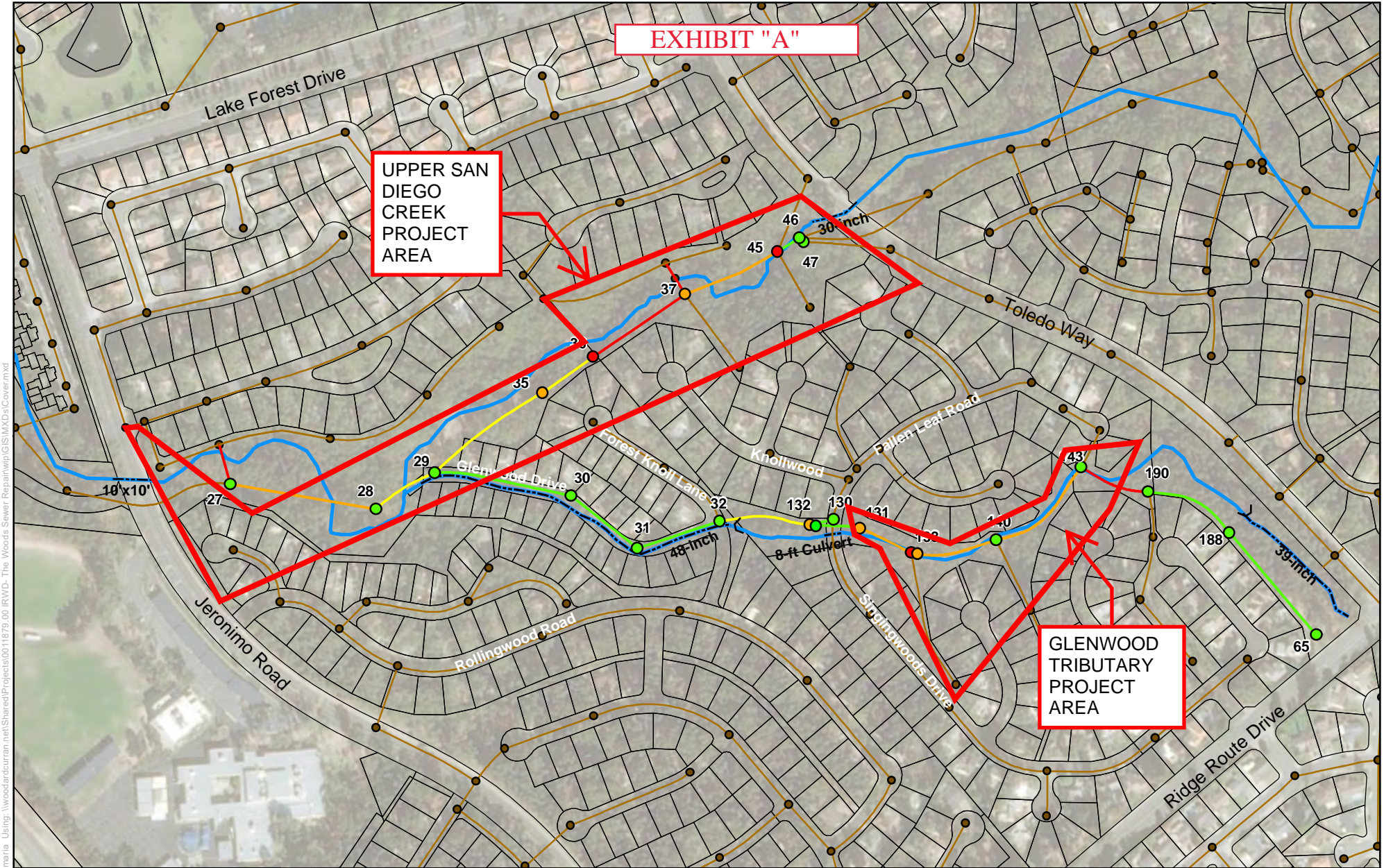
LIST OF EXHIBITS:

- Exhibit "A" – Location Map
- Exhibit "B" – Consultant Selection Evaluation Matrix
- Exhibit "C" – Woodard & Curran Proposal

EXHIBIT "A"

UPPER SAN DIEGO CREEK PROJECT AREA

GLENWOOD TRIBUTARY PROJECT AREA



IRWD Woods Sewer
Figure 5-1
Remaining Cover

Legend	Existing Manhole	Existing Sewer	San Diego Creek
	<1 ft cover remaining	<1 ft cover remaining	Storm Drain
	1 to 3 ft cover remaining	1 to 3 ft cover remaining	Parcels
	>5 ft cover remaining	3 to 5 ft cover remaining	
	>5 ft cover remaining	>5 ft cover remaining	




Map Created: June 2021

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. **Data Sources:**

Figure Exported: 10/15/2021 1:05:21 PM By: mdebarria Using: \\woodardcurran.net\Shared\Projects\0011879_00_IRWD-The Woods Sewer Repair\wp\GIS\MXDs\Cover.mxd

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EXHIBIT "B"
Lake Forest Woods Consultant Selection Matrix

	Weights	Ardurra	Cannon	Woodard & Curran
TECHNICAL APPROACH	50%			
*Project Approach	50%	1	3	2
*Scope of Work	50%	2	3	1
Weighted Score (Technical Approach)		1.50	3.00	1.50
EXPERIENCE	50%			
*Firm/Team	100%	2	3	1
Weighted Score (Experience)		2.00	3.00	1.00
Principal-in-Charge/Technical Advisor Project Manager Project Engineer QA/QC Subconsultants: Surveying Potholing Geotechnical		Ryan Huston/ Amy Czajkowski Rob Weber Dustin Payne Scott Adamson Guida Surveying Bess Testlab, Inc Ninyo & Moore Bennet Trenchless Engineers (Trenchless) Rivertech Inc (Hydrology)	George Jurica Mike Kielborn Larry Kraemer Gary Roepke CBelow Ninyo & Moore	Kathleen Higgins/Glen Hermanson Kraig Erickson Justin Kraetsch Jen Glynn KDM Meridian T2 Utility Engineers Ninyo & Moore
COMBINED WEIGHTED SCORE		1.75	3.00	1.25
		Hours	Hours	Hours
Task 1 Project Management		195	95	126
Task 3 Final Design		860	1,656	1,173
Task 4 Pre-bid Phase Services		32	110	48
TOTAL HOURS		1,087	1,861	1,347
Number of Construction Drawings		20	20	19
FEE				
Task 1 Project Management		\$37,980	\$20,535	\$34,545
Task 2 Preliminary Design			\$208,268	
Task 3 Pre-bid Phase Services		\$6,010	\$18,158	\$9,990
Subtotal tasks 1-3		\$401,425	\$394,019	\$428,075
Additional Tasks Included in Total Fee:				
Optional Scour Line Staking		\$16,181	-	-
Optional Prop Line Staking		\$16,181	-	-
Subtotal Additional Tasks		\$32,362	-	-
TOTAL FEE		\$433,787	\$394,019	\$428,075
Average \$/hour		\$399	\$212	\$318
Professional & General Liability Insurance		YES	YES	YES
FORCED RANKINGS:		2	3	1
1 - First				
2 - Second				
3 - Third				

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Proposal for
**Engineering Design Services
for the Lake Forest Woods
Sewer Improvements**

May 4, 2022 revision

Via Electronic Mail

April 22, 2022



Mr. Alex Murphy
Irvine Ranch Water District
Michelson Water Recycling Plant
3512 Michelson Drive
Irvine, CA 92612

Re: **Proposal for Engineering Design Services for the Lake Forest Woods Sewer Improvements**

Dear Mr. Murphy:

Irvine Ranch Water District (IRWD) is seeking Engineering Design Services for the Lake Forest Woods Sewer Improvements. Woodard & Curran has a full understanding of IRWD's project and unmatched qualifications for sewer design and trenchless installations. Based on our review of the request for proposal and discussions and meetings with IRWD staff, we have developed a comprehensive proposal to meet IRWD's needs and goals.

Woodard & Curran offers a team of highly qualified engineers with the technical expertise and local site knowledge to address IRWD's needs for the project. We propose **Kraig Erickson** to serve as project manager with **Mirko Maher** to serve as technical manager and **Justin Kraetsch** as project engineer, each are experts in sewer design. Mirko and Kraig each have over 20 years of project management and sewer design experience, and Justin has recently completed the Sewer Siphon Project for IRWD and a similar project for the City of Malibu. They will be supported by **Glenn Hermanson** and **Jen Glynn**, Technical Advisors, experts in sewer design and trenchless technologies who have recently worked with Justin and IRWD on the Sewer Siphon Project. In addition, we have partnered with three specialty subconsultants: Ninyo & Moore for geotechnical services, KDM Meridian for surveying, and T2 for potholing.

Woodard & Curran's team members have extensive experience in sewer design and trenchless projects throughout California. We **understand the local site conditions** having **recently completed the Access and Facilities Improvements for Sewer Systems in the Woods Facilities Plan**. Our team members' thorough understanding of the unique challenges associated with this project will make this project a success for IRWD.

We are committed to working with IRWD to make this important project a success. If you have any questions about our proposal, please contact me at khiggins@woodardcurran.com or (949) 420-5313 or Kraig Erickson at Kerickson@woodardcurran.com or (949) 420-5306.

Sincerely,

A handwritten signature in blue ink that reads "Kraig Erickson".

Kraig Erickson, P.E.
Project Manager

A handwritten signature in blue ink that reads "Kathleen Higgins".

Kathleen Higgins, P.E.
Principal-in-Charge



A. Scope

**Engineering Design Services for the Lake
Forest Woods Sewer Improvements**

PROJECT UNDERSTANDING

The Lake Forest Woods Sewer Improvement project is not your standard sewer improvement project. IRWD is requesting engineering design of improvements to sewers that traverse a dense forest of eucalyptus trees in and alongside tributaries to San Diego Creek, a water of the U.S. The sewer easements are across private property of two residential homeowner associations. IRWD acquired these sewers after consolidation with Los Alisos Water District in 2001. The sewers were built in the 1970s when it was common practice to construct gravity sewers parallel to creeks to take advantage of the natural topography. The sewers travel alongside and cross beneath creek channels that have been scoured by storm events over their 50-year lifespan, resulting in loss of cover and compromising stability of sewer mains and manholes. Also, erosion of access roads and bank instability is limiting access by maintenance vehicles.

In 2020, IRWD retained Woodard & Curran (W&C) to perform an alternatives study including hydrologic assessment of the channel scour in the Upper San Diego Creek and Glenwood tributary. The assessment indicated a potential for significant additional vertical and horizontal scour and therefore significant risk to IRWD's sewer infrastructure. W&C developed several short-term improvements to protect IRWD's assets by eliminating creek crossings, relocating sewer pipelines to locations outside of the creek scour envelope, and armoring the pipelines and manholes located in the creek. Road improvements were also addressed to allow vector access for maintenance.

With the RFP, IRWD is requesting creative solutions for improving this challenging stretch of sewer. This is a unique project with several challenges, from environmental concerns to the feasibility of construction. Constructability concerns from steep terrain, extensive tree removals, underground tree roots, and difficult access for construction vehicles from narrow residential streets such as Glenwood Drive. The cover over some sections of sewer is critically reduced. Time is of the essence to protect these sections of sewer before the next big storm compromises the sewer and potentially causes a sewage spill into a Water of the US.

This project requires resolving many challenges, and our approach focuses on these three critical elements:

- **A specialized and experienced local team that is ready to hit the ground running:** Our team of environmental professionals have successfully worked together with IRWD, are thoroughly knowledgeable about project history, and understand the needs of all stakeholders. Key team members even live within the watershed! The team's institutional knowledge will shorten the "learning curve" to facilitate buildable designs and address the needs of stakeholders, from residents to the Regional Board.
- **Design that fits within environmental constraints:** Environmental impacts including the potential for disturbance to nesting birds, temporary construction encroachment onto neighboring residential properties, safety concerns from pedestrian users of the HOA trails alongside the sewers, and timing tree removals outside the City of Lake Forest's Eucalyptus Tree Moratorium, will be addressed in construction documents and permitting support.

→ **Focus on constructability:** Woodard & Curran's team includes experts in the field of sewer design and trenchless technologies. Survey and engineering team will confirm existing conditions, set sewer alignments in a timely manner for a fast-paced design, while our trenchless experts will evaluate replacement technologies such as auger boring, HDD, and micro tunneling to select the most effective method for sewer constructability while minimizing environmental impacts.

APPROACH

The project challenges have sparked the ingenuity of Woodard & Curran's team of engineers, project managers, surveyors, and geologists to craft an approach that will result in a design with minimal watershed improvements that reduces IRWD's risk from scour, improves access for IRWD's maintenance vehicles, and compresses the construction schedule for timely sewer protection.

A SPECIALIZED AND EXPERIENCED LOCAL TEAM THAT IS READY TO HIT THE GROUND RUNNING

We have selected our team based on experience of similar projects. They have developed solutions for similar challenges such as access restrictions, creek channel erosion, and issues related to the compromise of existing pipe and its trenches with a deep understanding of the local watershed and HOA operations. Several key team members even live in the watershed.

This project will be managed from our Laguna Hills Office located 10 minutes from the project site. Kraig Erickson, PE, will be project manager alongside technical manager, Mirko Maher, PE. The project engineer will be Justin Kraetsch, PE, with permitting support from Janet Fordunski, PE.

Kraig managed the planning study for the IRWD Woods Sewer and the OC San Taft Trunk Sewer design project. Kraig has worked on several trenchless technology projects in tight construction conditions. Mirko has over 20 years' experience in sewer design, trenchless design, and site civil. Mirko will lead the trenchless method aspects of design and roadway improvements and grading plans for channel and access roads.

Justin brings his strong technical background with design and has recently completed IRWD's Sewer Siphon Improvement Project, and the Malibu sewer design project which utilized HDD trenchless methods where facilities were closely located next to residential properties.

Janet has lived in the City of Lake Forest since 1992, is a resident in the Lake Forest II Homeowners Association, and has prior work experience with the Lake Forest Community Association on storm-water flooding issues. She walks her dog along the IRWD Woods sewer alignment every day and brings uber-local knowledge and community insight to the team.

Woodard & Curran's project team includes renowned sewer design and trenchless technical experts, Jennifer Glynn and Glenn Hermanson, to provide Quality Control and Quality Assurance reviews, as well as input for solutions to minimize risks and service disruptions. They bring a nearly combined 60 years of project design experience and will support the team from planning to final document preparation to ensure high quality peer reviewed project documents are delivered while being mindful of constructability and reducing and eliminating project risks.

The Woodard & Curran team also includes subconsultants Ninyo & Moore for geotechnical support and KDM Meridian for survey support. Both firms are local and were represented at the Site Walk in April by Michael Putt and Rich Maher, who also lives in the watershed. Ninyo & Moore believes that track-mounted limited access drill rigs will be the best equipment for collecting subsurface geotechnical data. KDM Meridian will survey with terrestrial LiDAR scanning methods and use scan point

colorization to assist in visualization of the complex topography. We have also included T2 Utility Engineers to provide potholing services.

Our specialized experienced team will hit the ground running and provide cost effective implementable solutions.

DESIGN THAT FITS WITHIN ENVIRONMENTAL CONSTRAINTS

It is understood that IRWD will utilize a separate contract for environmental consultation for performing the necessary biological studies for CEQA compliance. The results of the biological studies may limit construction activities to between September to January to mitigate impacts to nesting birds. The construction schedule may further be limited by the City of Lake Forest Eucalyptus Tree Moratorium on cutting, pruning, and removing Eucalyptus trees between April 1st and October 31st to protect trees from infestation of the Eucalyptus Longhorn Borer Beetle. During the restricted period, the beetle produces a large larvae population that thrives on exposed vegetation. These beetles lay their eggs on eucalyptus trees and their larvae bore holes within the trees. Compliance with CEQA requirements and coordination with both HOAs to obtain architectural committee approval for eucalyptus tree removals will be accounted for to streamline the construction schedule so there are no surprises during construction that may cause delays.

The construction activities may also require encroachment onto private residential property. We will give IRWD advance notice to coordinate with the two HOAs for accessing their property for surveying activities. Note that additional survey refinement and access will likely be needed for confirmation during the later design stages.

Woodard & Curran's motto is "Safety by Choice, not by Chance." Safety accommodations will be part of the design specifications to protect pedestrian users of the HOA trails alongside the sewers. With IRWD being the prime point of contact with the two HOAs, safety plans, including redirecting pedestrian traffic from construction activities, will be an integral part of the design.

It is understood that many eucalyptus trees will have to be removed, creating a need to haul away a significant number of tree trunks, branches, and woodchips. There is sustainability in using local building materials and wood chips can be used for flat access roads instead of gravel. OC San has successfully used woodchips for roads in Big Canyon, Newport Beach after the Brazilian Pepper tree forest was removed (*see adjacent photo*). Using on-site building materials for roads would minimize noise, traffic, and air quality impacts to neighbors by reducing truck trips that would be caused by hauling woodchips offsite and hauling gravel onsite. The private residential streets in the Lake Forest II Homeowners Association recently completed street replacement in the Woods in 2021. Minimizing truck trips will also protect the new private HOA streets from wear.



FOCUS ON CONSTRUCTABILITY

This project possesses some unique challenges that include the following:

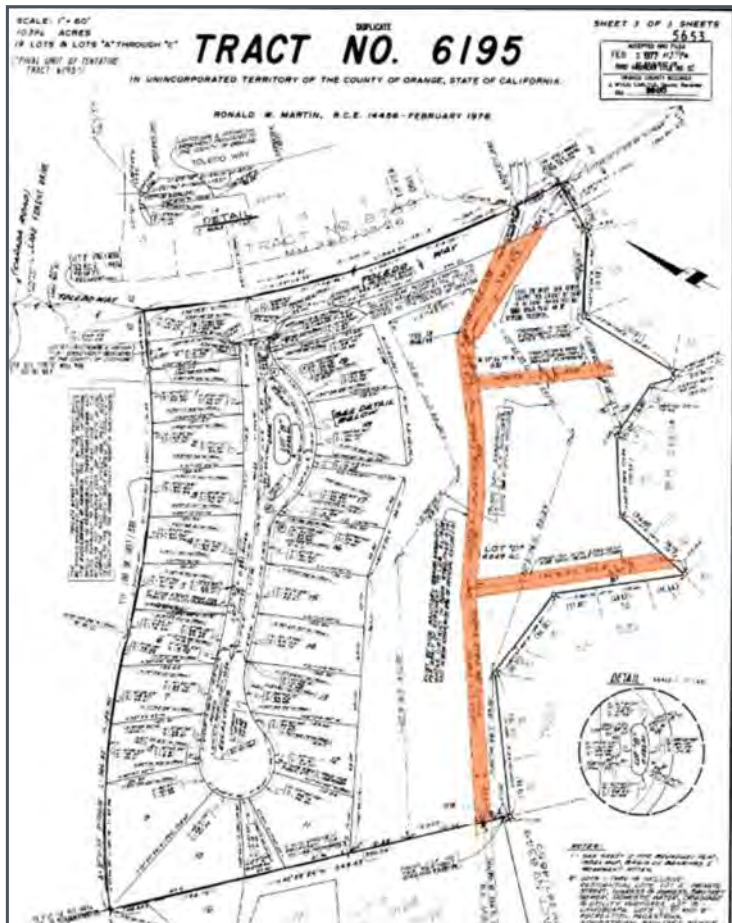
- **Constrained project site:** The project sewer alignments are located in a dense wooded area, within a stream corridor. Providing both access to and from the site where the sewer will be re-aligned from the main stream corridor will require site preparation and restoration.
- **Project access:** The project has limited access to specific areas and access manways that have experienced exposure and scour within the watershed area.
- **Proximity to Residential properties:** The project is in a public use riparian corridor next to trails and is within close proximity to residential properties and features which include yards, fences, and access to both streets and properties. One of the project goals will be to reduce and limit impact to the neighborhood by evaluating construction methods and technologies to limit excavation, noise and dust.

Based on these challenges we propose the following:

PROVIDE PHASED SURVEY APPROACH AND FIELD INVESTIGATIONS EARLY

Our team and subconsultants will conduct site visits, field investigations and reconnaissance early to establish the optimal location of sewer re-alignment. As part of our early efforts, we will survey the project site and obtain geotechnical investigational borings to assess the soil conditions and select the appropriate trenchless technology for portions of sewer replacement adjacent to the Upper San Diego Creek watershed.

The approach to surveying includes a phased approach of easement research, initial survey, and refinement of survey. For this project, our surveyor, KDM Meridian, will execute Memorandums of Agreement with the two HOAs for accessing their property for surveying activities. MOAs are a more flexible instrument than Temporary Construction Easements, particularly when additional survey refinement will be needed for confirmation during the final design stage.



Sewer Easement research is critical for this project. It is understood that the sewer easements over HOA property have been passed from Los Alisos Water District to their successor, IRWD. The easement documentation will be reviewed for completeness, and missing easements identified.

Further, there are **Orange County Floodplain Easements** over HOA property. Floodplain easements will be researched so that sewer improvements can be designed outside of these existing easements.

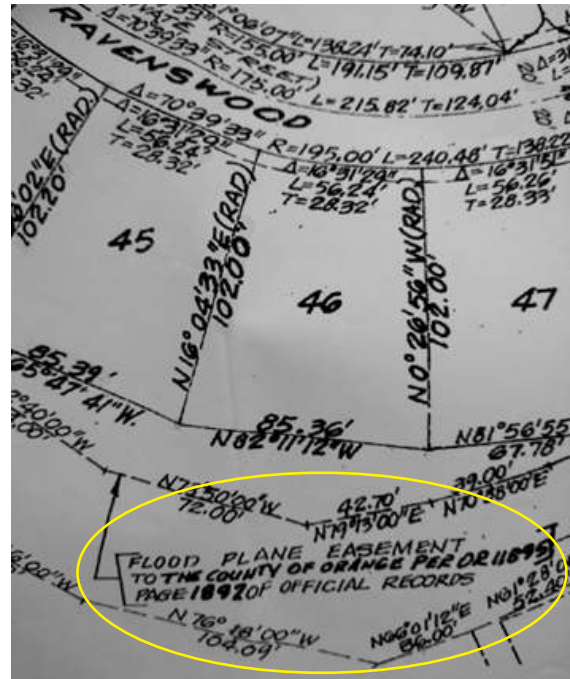
An **initial survey** will be conducted of existing easements, access roads/trails, as well as property lines based on tract monuments. Sewer manholes within the proposed areas of work will be opened and surveyed. The initial survey will produce topographic maps for use as a base plan for the proposed improvements.

After 25% design, a **survey refinement** will be conducted to identify specifics of the new sewer alignments, access considerations, homeowner sewer laterals, and other features, as needed, for advancement to final design. The survey refinement will also identify easements to be removed after abandonment of sewer mains and manholes, as well as quantifying the tree removals needed for access and constructability. Permitting Lead, Janet Fordunski, knows from living in the area that the tree species, Eucalyptus cladocalyx, grow to a height up to 100 feet with trunks averaging 2 to 4 feet diameter, and cost an average of \$2,000 to \$3,000 each to remove. Knowing the exact location and number of trees is key for planning laydown areas, estimating tree removal cost, and allocating adequate time for tree removals into the construction schedule.

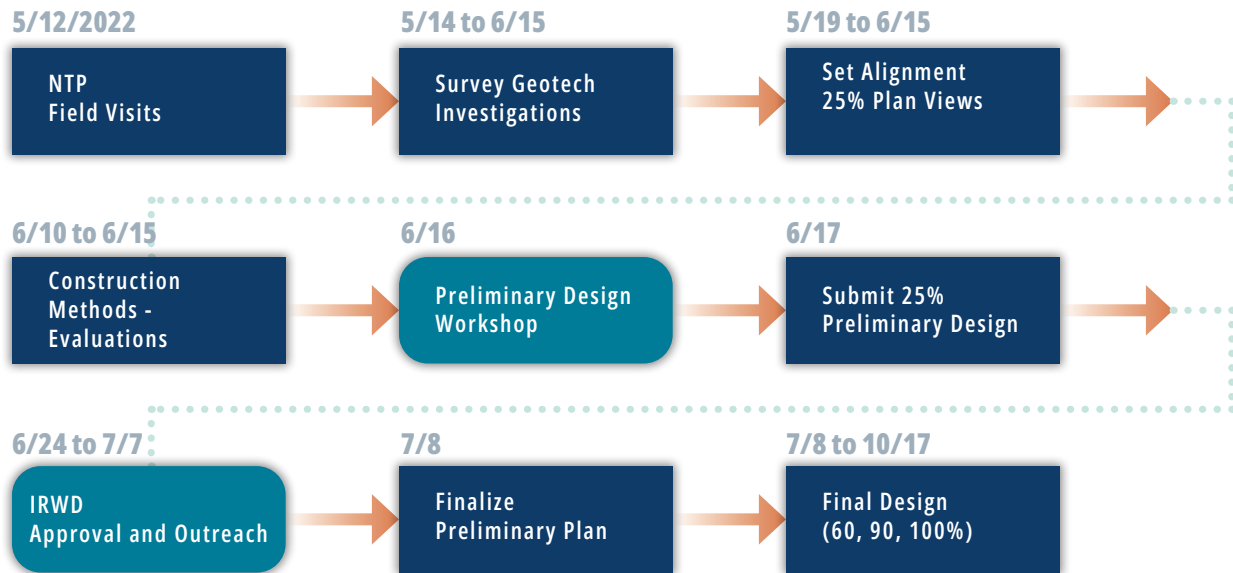
Portions of the sewers that will require re-alignment and considered for “trenchless” construction (*Shown in figure below*) will be evaluated closely in the field to assess requirements for laydown areas for contractor equipment and excavation. Selection of trenchless technologies will be based on constraints of the site, and soil conditions (discussed in more detail in the next section).

An OCFCD encroachment permit is not required and no modifications to Orange County flood plain are anticipated.

Upper San Diego Creek Alternative A – Trenchless Re-Alignment



After all information is gathered from survey, site investigations and geotechnical studies, our team will conduct a workshop to discuss in detail the plan for the project which will be carried into further detailed design. This workshop will discuss construction method, constructability, and approaches, and recommendations to minimize disruption and service to the nearby residences. After the workshop, 25% concept plans will be submitted which will reflect evaluation and provide recommendations of construction methods on the concept plan views. It is anticipated after 25% design submittal, a review period will be required and IRWD will communicate with the various HOA in the area to obtain any feedback on the plan, and if necessary, the plan will be revised for detailed final design documents. The following figure illustrates the preliminary design sequence and key milestones.



Preliminary Design Sequence

SELECT APPROPRIATE CONSTRUCTION TECHNIQUES TO MAXIMIZE CONSTRUCTABILITY AND MINIMIZE IMPACTS

Utilizing Woodard & Currans renowned trenchless staff, we will evaluate and select technologies such as, Auger Boring, Pilot Tube Auger Boring, and HDD, along with traditional open cut to improve constructability and reduce impacts.

The proximity to local residential properties and the dense wooded area imposes certain construction challenges for this project, mainly due to access, and the constraints of the project site. As such, certain portions of the sewer have been identified to be replaced using trenchless methods of construction. The overall goal in utilizing trenchless technologies is to improve constructability while balancing economics and risks. Our team will leverage Woodard & Currans extensive design experience in the trenchless design field to evaluate and recommend the most optimal technology. Selection of construction methods to use for this project will need to consider work area requirements and constraints, groundwater and soil conditions, while keeping in mind and being sensitive to impacts to private property and the public use areas caused by noise, disruption, and schedule requirements. Once hydraulic modeling and pipe sizing has been confirmed with IRWD, installation methods including open cut will be evaluated and confirmed and where appropriate, trenchless installation will be considered.

The adjacent photo shows the approximate alignment of the sewer (between manhole 35 and manhole 37) where the sewer is recommended to be adjusted to higher ground and located away from the creek. A new manhole will be constructed from where an installation pit will be excavated, and the new pipe will be either directly installed or jacked in a casing. The length of the reach is approximately 400 linear feet in the direction of MH 35 and fits within the limits of many trenchless methods of construction.



Approximate Trenchless Alignment – Toward Manhole 35

The methods we will consider are included in the following table, which highlights some of the pros and cons of each method and will be evaluated further with close collaboration with IRWD staff.

Technology	Pros	Cons	Example W&C project
Horizontal Directional Drilling (HDD)	<ul style="list-style-type: none"> » Widely used » Compact » Reduced site restoration 	<ul style="list-style-type: none"> » Not good with roots » Not good with cobbles » Needs 2% slope if gravity pipe » Better suited for pressure pipe » Requires larger areas to setup equipment » Risk of hydrofracture to adjacent creek 	<ul style="list-style-type: none"> » OMWD 8"
Pit-launched HDD	<ul style="list-style-type: none"> » Compact » Reduced site restoration » Great for short lengths and small diameter pipe » Accurate 	<ul style="list-style-type: none"> » Not good for long lengths or large diameter » Few contractors have the equipment » Presence of cobbles and boulders would be problematic » Risk of hydrofracture to adjacent creek 	<ul style="list-style-type: none"> » Central San 4" and 8-12" sewers

Technology	Pros	Cons	Example W&C project
Pilot Tube Guided Auger Boring (PTGAB)	<ul style="list-style-type: none"> » Accurate » Reduced site restoration and reduced excavation » Relatively low risk » Requires less staging and setup area than HDD » Large pool of experienced contractors » Inexpensive 	<ul style="list-style-type: none"> » Mixed soil conditions can be problematic » Presence of cobbles and boulders are problematic » Problematic in loose sandy soils with groundwater above the drill path » Generally, More expensive than open-cut 	<ul style="list-style-type: none"> » Malibu, Phase 1 » Malibu Phase 2 » Knollwood Cir.
Pilot-Tube Guided Auger Pipe Ramming	<ul style="list-style-type: none"> » Compact (smallest footprint of all options) » Inexpensive (typically cheaper than PTGAB) » Suitable for wide range of soil conditions and shallow groundwater » Relatively low risk » Requires less staging area and setup area than HDD, PTGAB, etc. » Same excavation requirements as PTGAB » Capable of handling cobbles/boulders up to the size of the casing 	<ul style="list-style-type: none"> » Vibrations 	<ul style="list-style-type: none"> » Malibu Phase 1
Traditional Open Cut	<ul style="list-style-type: none"> » Accurate » Well understood installation » Greater pool of capable contractors 	<ul style="list-style-type: none"> » Extensive surface disruption » Requires access for hauling and staging » Time consuming » Extensive tree impact and removal 	<ul style="list-style-type: none"> » Numerous projects

With our specialized and experienced local team that is ready to hit the ground running, our design that fits within the environmental constraints and our approach to constructability we have developed the following detailed scope of work.

SCOPE OF WORK

TASK 1. PROJECT MANAGEMENT

Task 1.1 Meetings:

Woodard & Curran will prepare for and attend up to four project meetings, including the kickoff meeting conceptual plan meeting and two design review meetings as outlined in the table below. Woodard & Curran will prepare an agenda and meeting notes for each meeting, which will be distributed to the IRWD Project Manager within 5 working days of meetings.

Meeting/Workshop	Description
Design Kickoff/Site Meeting	One (2) two-hour meeting
Preview Conceptual Plan Meeting (25%)	One (1) one-hour meeting
Presentation of the 60% design	One (1) one-hour meeting
Presentation of the 90% design, discuss IRWD's comments, and discuss how the comments were addressed	One (1) one-hour meeting

Task 1.2 Coordination:

Woodard & Curran will provide regular project coordination, communication, and updates to IRWD and communicate with the City of Lake Forest and IRWD's CEQA consultant as necessary. It is our understanding that IRWD will be responsible for communication with the two HOAs. Woodard & Curran will maintain and update a log of key action items and decisions, which will include key outstanding decisions as well as a record of key decisions made at meetings or in other forums with IRWD.

A Microsoft Project schedule will be prepared and updated monthly. The schedule will include detailed schedules for both design and construction activities. The schedule will include critical factors impacting the project schedule including permitting, design, bid and construction phases and shall reflect IRWD's Notice of Award and Notice to Proceed, contractor shop drawing submittals and Engineer review, manufacturing and delivery times for construction materials, construction activities and construction close out.

Task 1.3 Project Invoicing

Woodard & Curran will track the project scope, budget, and schedule and document progress in monthly progress reports that will be submitted with each invoice.

Task 1.4 Quality Control Plan

Woodard & Curran will implement its quality assurance program for the project, which will include an internal Senior Technical Approach Review (STAR) Workshop at the onset of the project, as well as a senior level technical review (quality control reviews) of project deliverables. Our quality assurance (QA) program includes tracking of all major deliverables, assigning reviewers and documenting reviews in the project files.

Task 1 Deliverables:

→ Data Request List (electronic copy, via email)

- Meeting Agendas and Minutes (PDF or Microsoft Word files via email)
- Monthly Progress Report and Updated Schedule (pdf with invoice via email)

Task 1 Assumptions:

Assumes a 7 months design project duration from NTP through 100% final design submittal.

TASK 2. FINAL DESIGN

Woodard & Curran will prepare the final design Contract Documents in accordance with IRWD requirements outlined below for the project manual and construction plans. IRWD's construction manual will be referred to in the contract documents.

- **Project Manual:** Woodard & Curran will prepare a Project Manual in standard IRWD format for the Contract Documents. IRWD's front end documents will be utilized, and Woodard & Curran 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 will describe the work, the allowable shutdown durations and sequencing associated with any connections and tie-ins to existing IRWD facilities. The Project Manual will also include the IRWD General Technical Specifications, modifications thereto, and any project specific technical specifications. Woodard & Curran will prepare the Project Manual in standard IRWD format using the Project Manual template provided by IRWD in Microsoft Word format. Woodard & Curran will provide a PDF file of the bidding documents in 8-1/2 x 11-inch format.
- **IRWD Construction Manual:** IRWD has also developed and periodically updates its IRWD Construction Manual, which contains General Technical Specifications and Standard Drawings for use in the preparation of plan and project technical specifications. This manual will be referred to in the Contract Documents.
- **Construction Plans:** Woodard & Curran will prepare detailed construction drawings in the latest version of AutoCAD using NCS V4.0 layering standards, on 24-inch x 36-inch sheets utilizing IRWD's standard border template. Plans will be prepared in AutoCAD. The improvement plans will include a site plan, sheet index/location map/legend, general notes, index map, plans and profiles of the pipeline improvements, abandonment of existing pipes, notes and details, bypass plan, access improvements and construction sequencing, and all details necessary for the construction of the improvements. The list of sheets anticipated for the project, and included for each submittal is indicated below:

Sheet No.	Title	25%	60%	90% and Final
1	Title Sheet	✓	✓	✓
2	List of Drawings, Abbreviations, Location and Index Maps,	✓	✓	✓
3	Legend, General Notes, Sanitary Sewer Notes, and Construction Notes	✓	✓	✓
4	Sewer Replacement and Lateral Connections 1 – (20 scale) Upper San Diego Creek Plan & Profile.	✓ (plan view only)	✓	✓
5	Sewer Replacement and Lateral Connections 2 – (20 scale) Upper San Diego Creek Plan & Profile	✓ (plan view only)	✓	✓

Sheet No.	Title	25%	60%	90% and Final
6	Upper San Diego Creek Section, Sewer Details, and applicable Construction Notes		✓	✓
7	Upper San Diego Creek Access Improvements - Grading and Surfacing		✓	✓
8	Sewer and Manhole Abandonment Plan 1-Upper San Diego Creek	✓	✓	✓
9	Sewer and Manhole Abandonment Plan 2-Upper San Diego Creek	✓	✓	✓
10	Access Improvement Sections 1 - Upper San Diego Creek		✓	✓
11	Sewer Replacement and Lateral Connections 1 – (20 scale) Glenwood Tributary Plan & Profile.	✓ (plan view only)	✓	✓
12	Sewer Replacement and Lateral Connections 2 – (20 scale) Glenwood Tributary Plan & Profile	✓ (plan view only)	✓	✓
13	Upper San Diego Creek Section, Sewer Details, and applicable Construction Notes		✓	✓
14	Glenwood Tributary Access Improvement - Grading and Surfacing		✓	✓
15	Glenwood Tributary Access Improvements Sections		✓	✓
16	Sewer Manhole Abandonment Plan 1 - Glenwood Tributary	✓	✓	✓
17	Glenwood Tributary Watershed Improvement Plan		✓	✓
18	Glenwood Tributary Watershed Improvement Details		✓	✓
19	Sewer Bypass Plan	✓	✓	✓

2.1 Review of Background Material

Woodard & Curran will review background material for the trunk sewer relocation including the following:

- As-built record drawings
- Existing survey data and site photos

- Sewer easements and title reports
- Woodard & Curran - Access and Facilities Improvements for Sewer Systems in the Woods

Based on review of this information we will proceed to contact the utility companies and develop preliminary design for the relocation of the sewer.

2.2 Optional Storm Water Pollution Prevention Plan (SWPPP)

Woodard & Curran will evaluate if a SWPPP is required based on the anticipated disturbed area of the proposed final design scope. If a SWPPP is required, Woodard & Curran will prepare the draft SWPPP and permit application and include it in the project manual for the Contractor to implement.

2.3 Topographic Field Survey

Woodard & Curran's subconsultant KDM Meridian will perform field surveying and produce topographic maps that will be used as a base plan for the proposed improvements. Considering the complexity in topography, KDM proposes the collection of existing conditions be performed with terrestrial LiDAR scanning methods. This collection will include the capture of color photography for scan point colorization to assist in visualization of the registered point clouds.

Project datums will be established in NAVD 88 and NAD 83, after confirmation with IRWD on specific benchmarks and epochs.

Field survey will capture all surface features along the proposed sewer improvements, plus 10-feet on both sides outside of the existing 20-foot-wide sewer easement, along the length of the proposed sewer alignment, plus another 50-feet before and after the sewer replacement and watershed improvements in both the Upper San Diego Creek and Glenwood Tributary areas. Survey will also include existing access roads and trails noted for improvements.

Existing manholes with the proposed area of work will be opened and top of pipe, pipe inverts, and pipe direction will be measured and noted.

Property lines of the parcels the improvements or access roads will be included from record data, along with easements of record (or provided by IRWD). Property lines of the parcels the improvements or access roads are within will be included from record data, along with easements of record (or provided by IRWD).

Specific Survey Scope includes:

1. Primary Control

- a. Establish project datums as CCS83, Zone 6 and NAVD88 (OCS BM).
- b. Locate and survey primary centerline intersection monuments.
- c. Process and adjust primary control.

2. Terrestrial LiDAR scanning

- a. Set scan control points and perform terrestrial LiDAR scanning.
- b. Point clouds collected will include 360-degree color photography for site documentation and point cloud colorization.

3. Secondary Control

- a. Perform traverse to establish scan control points, collect manholes, and collect any additionally required survey control points.

4. Scan Registration

- a. Compile and register point clouds into project datum.

- b. Provide access to point clouds through an online viewer and in Autodesk ReCap format.

5. Manhole Dipping

- a. Open each manhole and make measurements for top of pipe, pipe inverts, and pipe direction.
- b. Prepare a field sketch of the pipe arrangements.
- c. Take photographs of the inside and immediate environment of each manhole.

6. Extraction

- a. Perform topographic extraction to prepare traditional topographic CAD base mapping of surface features along the proposed sewer improvements, plus 10-feet on both sides outside of the existing 20-foot-wide sewer easement, along the length of the proposed sewer alignment, plus another 50-feet before and after the sewer replacement and the existing access roads and trails noted for improvements.
- b. Delivery will be in AutoCAD drawing format at 1" = 20' scale with 1-foot interval contours.

2.4 Utility Review

Woodard & Curran will research to confirm utilities in the area that will be crossed or potentially impacted by the project. Utility review will be based only on mapping provided by No-dig agencies and records provided by IRWD. Utilities if determined present (e.g., storm drain, electrical, gas, and telephone/communication duct banks) will be avoided if possible.

2.5 Right-of-Way

Woodard & Curran will identify any permanent easements and temporary construction easements required for construction. KDM will prepare any legal descriptions required. For budgeting purposes 2 legal descriptions are assumed. Woodard & Curran will incorporate the Right-of-Way information into the conceptual and design drawings.

2.6 Optional Geotechnical Investigation

Ninyo and Moore will perform up to four (4) borings to determine groundwater level, assess existing soil conditions and make recommendations for excavations and type of construction methods, pipe encasement and backfill and provide soils analysis for use in the design. This task will be included in the scope of work in the professional services agreement and will be authorized if needed.

Specific scope items include:

- Review of readily available background materials, including published geologic maps, fault and seismic hazards maps, groundwater data, topographic maps, stereoscopic aerial photographs, and project related reports and/or plans provided by the client.
- Obtain a boring permit from the Orange County Health Care Agency for performing borings that will penetrate groundwater.
- Perform a site reconnaissance to locate proposed borings and coordinate with Underground Services Alert for underground utility location.
- Perform a subsurface exploration consisting of drilling, logging, and sampling of four small-diameter borings to evaluate subsurface conditions along the sewer alignments. The borings are anticipated to range in depth from approximately 15 to 30 feet and will extend to a depth of up to 10 feet below the planned invert elevation, or refusal, whichever is shallower. The borings will be logged and sampled at selected depths by our representative. In accordance with County requirements, the borings will be backfilled with grout if groundwater is encountered. Excess auger cuttings will be spread on-site.

- Perform laboratory testing on selected, representative soil samples. Laboratory tests will include evaluation of in-situ moisture and density, gradation, shear strength, and soil corrosivity.
- Compile data and analyze the information obtained from our background review, subsurface evaluation, and laboratory testing. The geotechnical analyses and recommendations will include:
 - Suitability of the site for the proposed construction from a geotechnical perspective.
 - Description of the geology and soils anticipated during construction.
 - Evaluation of the depth to groundwater based upon exploratory data and readily available groundwater data from nearby monitoring wells, and dewatering considerations.
 - Excavation characteristics of the on-site materials, including anticipated difficult excavation and caving potential.
 - Suitability of the onsite soils for trench backfill, including material types, moisture conditions and oversized materials.
 - Fill material and compaction requirements, including bedding, pipe zone material and suitability of on-site soils for trench backfill.
 - Temporary stability of trench excavations and shoring design criteria, including lateral earth pressures.
 - Pipe design criteria including modulus of soil reaction.
 - Lateral earth pressures for trenchless construction methods and tunneling considerations, including material types, behavior characteristics and groundwater conditions.
 - Evaluation of corrosion potential of on-site soils.
- Prepare a draft and final geotechnical report presenting our findings, conclusions, and recommendations for design and construction of the project.

2.7 Potholing

Woodard & Curran will pothole up to fifteen (15) locations on the existing sewer system to confirm the points of connection to the existing system and the pothole information will be incorporated into the design.

2.8 Permits

Woodard & Curran will identify required permits and their controlling agencies including the City of Lake Forest. Woodard & Curran will apply for and secure approval of the required permits except for the environmental permits which IRWD has retained another consultant to obtain (see below). Copies of permit conditions will be inserted in the Project Manual's Appendix. IRWD will pay all permit fees directly to the agency.

IRWD has retained a consultant to identify and obtain the required environmental permits or approvals needed to perform the work, e.g. Section 401 Water Quality Certification, Section 404 Clean Water Act, and Lake or Streambed Alteration Agreement. Woodard & Curran will provide necessary exhibits/documentation to assist IRWD's environmental permitting consultant in completing applications for the permits.

2.9 CEQA Documentation Support

Woodard & Curran will provide necessary project information, maps or exhibits to assist IRWD's environmental consultant in preparing the CEQA documentation for the project including project description details and construction and operational specifics such as estimates of area affected by construction, equipment used for construction, or estimates of construction vehicle trips.

2.10 Final Design Plans

The final design covers the 25%, 60%, 90%, and final design submittals. Throughout final design,

Woodard & Curran will continue to regularly meet with IRWD to discuss the project and integrate any responses into the next project milestone. The 90% submittal will be a substantially complete and biddable construction set, pending any unresolved questions or items for IRWD staff discussion. The final design submittal will be a biddable, buildable design submittal for final IRWD approval.

Woodard & Curran will preview each plan submittal with IRWD staff in a virtual preview meeting. Improvement plans will be submitted and transmitted via email (PDF file) to IRWD for review at the 25%, 60%, 90%, and final design completion levels according to the following guidelines:

- **25% Draft:** Woodard & Curran will provide a searchable 25% design concept plan PDF file of the proposed sewer, access, and watershed improvements and meet with IRWD to discuss the conceptual plan for the proposed sewer access and watershed improvements. The Conceptual Plan will show the extent of replacement and proposed new sewer alignment and proposed piping materials, existing facilities that will be abandoned, points of connection to existing, access road improvement areas and details for encasement or armoring of new or existing facilities, and other pertinent proposed design concepts for IRWD concurrence prior to progressing toward the 60% design. We will emphasize and explain any differences in the concept from the improvements proposed in the W&C preliminary improvements plan. All deliverables will be QA/QC'd by our internal QA/QC Team.
- **60% Draft:** Woodard & Curran will provide a searchable PDF file of the entire plan set and will show conflicting utilities/structures, right-of-way, easements, construction notes and major details. The design set will include all sheets, plan and profile, and sections/details for major items. Key maps, location maps, station numbers, and general notes will be included in the plans. The project manual will include all sections including any project specific specifications sections or modifications to the IRWD General Technical Specifications Sections and relevant City standards or specifications. Woodard & Curran will provide a single searchable PDF file of the 60-percent Project Manual. An opinion of probable construction cost will be provided. All deliverables will be QA/QC'd by our internal QA/QC Team.
- **90%:** Woodard & Curran will provide a searchable PDF file of the entire plan set. The plan set will show all design elements, be QA/QC'd by our internal QA/QC Team, and include revisions per IRWD, City of Lake Forest and other agencies' comments. Woodard & Curran will provide a single searchable PDF file of the 90-percent Project Manual. An updated opinion of probable construction cost will be provided. All deliverables will be QA/QC'd by our internal QA/QC Team.
- **Final Design Deliverable:** Woodard & Curran will provide one full size, final set of plans in a single PDF with the Engineer's electronic stamp and signature, including IRWD's signatures on the design sheets. Woodard & Curran will provide a single searchable PDF file of the Project Manual including the Engineer's electronic stamp and signature on the signature page. This submittal will be backchecked for inclusion of all previous comments prior to adding the Executive Director's electronic signature on the cover sheets of the plans and Project Manual. Once the submittal is reviewed and signed by IRWD, Woodard & Curran will provide AutoCAD files for the entire plan set and Microsoft Word files used in the preparation of the Project Manual. An updated opinion of probable construction cost will be provided. All deliverables will be QA/QC'd by our internal QA/QC Team.

2.11 Project Manual

Woodard & Curran will prepare the project manual in accordance with IRWD requirements previously outlined. Woodard & Curran will assist in calculating liquidated damages value for the project should the contract time be exceeded. IRWD's standard liquidated damage calculation form will be provided.

2.12 Opinion of Probable Construction Cost

Woodard & Curran will prepare a detailed and itemized opinion of probable construction cost for the proposed facilities for submission with each of the design deliverables. The Opinion of Probable Construction cost will be in the form of the Schedule of Work as included in the Bid Documents section of the Project Manual.

2.13 Bid Period Assistance

During the bidding period, Woodard & Curran will assist with providing information and clarification of bid documents to prospective bidders. This will include the preparation of one addendum for bidding, including revisions to the design plans and specifications and assistance with addressing bidder questions. This includes the following budgeted hours:

1. Plan Revisions: Woodard & Curran has budgeted twenty-four (24) hours for plan revisions to the construction drawings.
2. Specification Revisions: Woodard & Curran has budgeted sixteen (16) hours for revisions or additions to the project specifications.
3. Bidder Questions: Woodard & Curran has budgeted eight (8) hours to address and respond to bidder questions.

Task 2 Deliverables:

- 25% Design Drawings (pdf electronic copies)
- 60% Design Drawings, Project Manual, Engineer's Estimate and Schedule (pdf electronic copies)
- 90% Design Drawings, Project Manual, Engineer's Estimate and Schedule (pdf electronic copies)
- Final Bid Design Drawings, Project Manual, Engineer's Estimate and Schedule (electronic copies in PDF, AutoCAD and Microsoft Word files)

Task 2 Assumptions

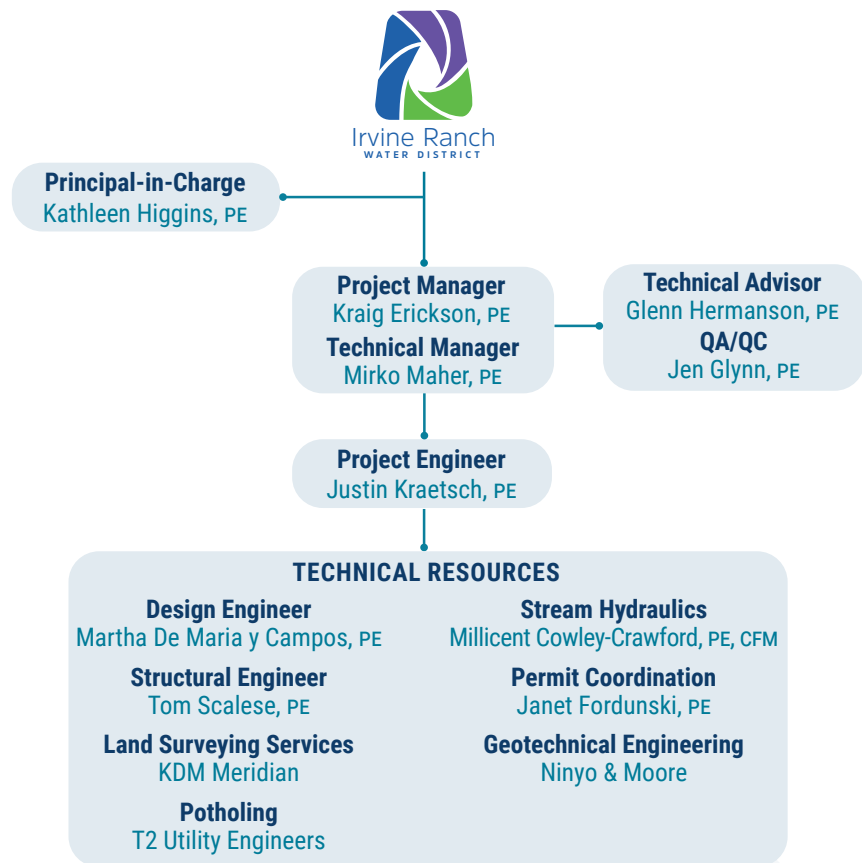
- IRWD will be responsible for producing and distributing Bid Documents and maintaining a plan holders list.
- Construction phase support is not included; however, we can provide these services at a negotiated scope and fee.
- A single bid package will be provided.
- Final design duration is estimated to be approximately 7 months. Delays beyond the reasonable control of Woodard & Curran may result in additional project management costs.
- Project Design Plans for sewer and access improvements are assumed to be provided at 20-scale.
- Woodard & Curran will not attend the pre-bid meeting.
- Woodard & Curran will not evaluate the bids.
- CEQA & Permitting support is limited only to providing engineering and planning exhibits. Includes attendance at one 2-hour workshop with IRWD, CEQA consultant and regulators.
- No public outreach is provided as part of this fee estimate. W&C assumes that IRWD will communicate and contact HOA and communicate any requirements from discussions to W&C staff. This project assumes a SWPPP will be necessary due to the amount of disturbed surfaces and is included in scope and fee.
- Geotechnical investigations is included in scope and fee for up to 4 borings and a geotechnical report.
- Up to 400 linear feet of sewer relocation will be considered to be installed with trenchless methods and will be evaluated as part of 25% design and 60% design. Methods to be considered will be Pilot Tube Auger Boring, Traditional Jack and Bore, HDD, or Pipe Ramming. A recommendation will be made based on the geotechnical study and evaluations as part of this scope.



B. Team

Engineering Design Services for the Lake Forest Woods Sewer Improvements

Our staff are specialists in their fields, offering in-depth understanding of cutting-edge technology, astute problem solving, multidisciplinary engineering, and expert regulatory guidance. Woodard & Curran has over 1160 highly-qualified professionals from 27 office locations across the United States, including seven offices in California. We have successfully assisted many southern California cities and agencies in implementing sewer design projects. The team members shown in the adjacent organizational chart have provided design of sewer improvements for IRWD and other agencies, including Orange County Sanitation District, City of Anaheim, City of Malibu, Padre Dam Municipal Water District, City of Santa Clara, City of San Jose and many more. Our team members' thorough understanding of the unique challenges associated with the Lake Forest Woods Sewer area will make this project a long-term success for IRWD.



10% of time on Project

Kraig Erickson, PE | Project Manager (Laguna Hills)

Kraig has 20 years of experience and participates in all aspects of project implementation, from planning through design and construction services. He has provided design and construction management services for pipeline, pump station, treatment and reservoir projects for wastewater systems, recycled water, potable water, and storm drainage. His areas of specialty include sewer system design, recycled water conversions for irrigation and industrial customers, pipeline design, construction cost estimating, condition assessment inspections, and construction management for infrastructure projects. He is experienced with

trenchless technologies for pipelines as well as being a certified inspector for cured-in-place pipeline relining. Kraig has managed several sewer design projects, including the OC San District 6 Trunk Sewer Upgrades and is intimately familiar with the challenges of this project as the Project Manager of the IRWD Woods Sewer Access Improvements Study.



10% of time on Project

Mirko Maher, PE | Technical Manager (Laguna Hills)

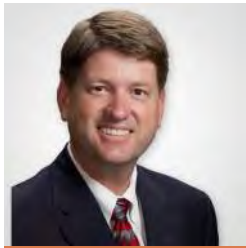
Mirko has 24 years of experience in planning, design, and construction management of water and wastewater pipelines and pump stations. He has designed more than 20 miles of pipelines. For a project similar to this IRWD project, Mirko provided project engineering and design support for the City of Malibu's Sewer Improvements Project, which included both HDD and installation within areas with close proximity to residential properties, which included both 8-inch sewer and water mains. This project included design of approximately 1,200 linear feet of installation by horizontally directionally drilled methods. Mirko was also QA/QC reviewer for the IRWD Woods sewer Access Improvements Study.



2% of time on Project

Kathleen Higgins, PE | Principal-in-Charge (Laguna Hills)

Kathleen has over 30 years of experience leading a variety of water projects including sewer and water design and management, BMP analysis and design, and preparation of final design plans for water and sewer systems. She has served as principal-in-charge and project manager on a variety of projects throughout Southern California including IRWD's San Diego Creek Dry Weather Flow Diversion and San Joaquin Marsh Site 62 Wetlands projects. Kathleen will be responsible to ensure that the right staff are committed to the project and that IRWD's needs are met. She will also assist in resolving any issues on the project, should they arise.



5% of time on Project

Glenn Hermanson, PE | Technical Advisor (Sacramento)

Glenn's 32 years of experience with infrastructure engineering have provided him with significant expertise in trenchless technologies and genuine enthusiasm working on sewer projects, pipeline condition assessment, rehabilitation, and design. His experience includes projects that minimize disturbance to residents and businesses, reduce risk, and save costs. Glenn's experience has focused on sewer facilities evaluation, hydraulic analysis, pipeline rehabilitation, condition assessment, and design and construction of sewer improvements. He has completed more than 13 sewer condition assessment projects, including over 43 miles of pipeline and evaluation of over 30 sewer siphons. Glenn's work includes analysis and design of the IRWD Sewer Siphon Improvements project and the OCSAN District 6 Trunk Sewer Upgrade Project.



30% of time on Project

Justin Kraetsch, PE | Project Engineer (Laguna Hills)

Justin's 7 years of experience in sewer infrastructure design and construction management includes predesign, final design, and trenchless feasibility studies of pipeline projects. Justin has served as the Project Engineer on several pipeline design projects and is experienced in construction plan preparation using AutoCAD, development of technical specifications, and construction cost estimates. He was the project engineer responsible for the preparation

of final design construction plans, specifications, and cost estimates for the IRWD Sewer Siphon Improvements Project and recently completed the design of 42,000 feet of 8 to 14-inch sewer design for the City of Malibu. This project included open cut, pilot tube augur boring and pipe ramming and horizontal directional drilling. These are similar technologies to be evaluated for this project.



3% of time on Project

Jenn Glynn, PE | QA/QC (Sacramento)

Jennifer has 27 years of experience specializing in pipeline condition assessment, alternatives analysis, and rehabilitation design in both congested urban areas; and highly sensitive environmentally impacted locations involving various lining methods, as well as pipe bursting and conventional open-cut replacement techniques. She has assessed and designed more than 100 miles of pipeline ranging in size from 2-inches to 96-inches in diameter. Jennifer successfully manages projects from conception to completion, many of which required special attention to sensitive issues, including endangered species habitat preservation. Jennifer is a recognized expert in the field of trenchless technology and focuses on using the most advanced technologies in the field. Jen provided QA/QC of the IRWD Sewer Siphon Improvements Project.



50% of time on Project

Martha De Maria y Campos, PE | Design Engineer (Laguna Hills)

Martha is a civil engineer with five years of experience in wastewater, potable water, and recycled water projects. Her experience ranges from facilities planning to preliminary design and final design support. She is proficient in AutoCAD, GIS and cost estimating software. She provided design support to the IRWD Woods Sewer Access Improvements Study.



5% of time on Project

Tom Scalese, PE | Structural Engineer (Montana)

Tom is a Professional Engineer with over 12 years of experience in structural engineering. His experience includes municipal wastewater design, industrial steel and concrete design, cast in place concrete tankage and temporary shoring. Tom is experienced with both new construction, structural evaluation, and reinforcing existing structures. His design proficiencies consist of classical approximations, computer aided analysis, and 3D modeling. His project experience includes both small and large projects for municipal, state, and private clients throughout the country. He was the structural engineer for the IRWD Sewer Siphon Improvements Project.



5% of time on Project

Millicent Cowley-Crawford, PE, CFM | Stream Hydraulics (San Francisco)

Millie is a senior expert in flood management and planning at Woodard & Curran with over 20 years of experience. She supports clients in preparing detailed hydrologic and hydraulic modeling, adapting to sea level rise and climate change, master planning, performing levee, canal, and channel inspections and risk assessments, identifying and prioritizing mitigation, and

complying with the National Flood Insurance Program. As a certified floodplain manager, she helps communities understand and manage flood control risk and prepare capital planning and design of critical infrastructure to meet a wide variety of project needs and was the hydraulics engineer on the IRWD Woods Sewer Access Improvements Study.



5% of time on Project

Janet Fordunski, PE | Permit Coordination (Laguna Hills)

Janet has 15 years of experience in water resource project management, planning, design, permitting, and construction administration. Her experience includes wastewater, recycled water, and potable water facilities for clients throughout the southwestern United States in the municipal, tribal, and private sector. Janet's wide-ranging knowledge of the regulatory landscape, recycled water systems, wastewater treatment, pipelines, pump stations, and operations makes her an asset for permitting infrastructure projects. She was the project engineer on the IRWD Woods Sewer Access Improvements Study.

Subconsultants



Ninyo & Moore

Ninyo & Moore | Geotechnical Engineering

Ninyo & Moore, a California Corporation, is a minority-owned, multidisciplinary consulting firm that provides high-quality geotechnical and environmental consulting services. The firm was incorporated in 1986 to provide consulting services in geotechnical engineering, construction inspection and testing, engineering geology, hydrogeology, hazardous waste remediation and environmental assessment. Ninyo & Moore serves its clients through 16 offices in California, Arizona, Colorado, Nevada, Texas, and Utah.

The quality of Ninyo & Moore's personnel base of 500 employees is widely recognized. Their staff of professionals includes experienced and registered geotechnical engineers, civil engineers, environmental engineers, engineering geologists, hydrogeologists, environmental scientists, certified technicians and field inspectors, and hazardous waste and regulatory compliance specialists. The experience of Ninyo & Moore's geotechnical staff encompasses projects throughout the southwestern United States, including sewers, treatment plants, reservoirs, pipelines, pump stations, power plants, dams, waste-to-energy facilities, tanks, transmission towers, harbors and offshore structures, airports, commercial and municipal structures, educational, medical and recreational facilities, railroads, bridges, roads, highways, tunnels, low- and high-rise structures, landfills, and other public and private works. In addition, Ninyo & Moore has five fully-equipped, certified geotechnical laboratory facilities in California supervised by registered engineers. Their laboratories are certified by AASHTO, Caltrans, the Division of the State Architect, the City of Los Angeles, and the City of San Diego.



KDM Meridian (KDM) | Land Surveying Services

KDM Meridian (KDM) is a professional land survey consulting firm competent in all major land survey and mapping disciplines. Established in 2000, KDM has over 20 years of experience providing superior service to clients, both public and private. They have a staff of 20, including six California Licensed Surveyors and one certified Land Surveyor-In-Training, allowing KDM personnel to provide

in-house boundary, right-of-way, and topographic surveying in addition to mapping, construction staking, legal descriptions, and related land development functions. Their current workforce and equipment allow them to field up to four two-person crews when needed. KDM's proven expertise in surveying for public works design improvement projects is demonstrated by the fact that at least three-quarters of the projects currently performed by KDM are related to public works improvement projects. By operating as the survey department, or an extension of the survey department, for a number of prominent local public works design firms and municipal agencies, the staff at KDM have developed a formidable understanding of the unique land survey needs demanded by our public works clientele.



T2 Utility Engineers | Potholing

T2 UES, Inc. d/b/a T2 Utility Engineers (T2ue) provides a full range of Utility Engineering services, including Subsurface Utility Engineering (SUE), advanced geophysics, test holes/potholing, surveying, and utility coordination to support infrastructure projects in the United States (US) and Canada. Recognized as a leader in managing the risks associated with above-ground and sub-surface utilities, T2ue staff have the experience and expertise with managing projects of all sizes, from small development jobs to large-scale billion dollar infrastructure projects for public and private clients. T2ue has 30+ offices and about 400 employees across the US and Canada and can quickly mobilize resources for your project. They retain a vast array of geophysical and designating equipment and one of the largest fleets of SUE vehicles within the West. T2ue's SUE crews and field technicians are available to respond quickly to your project needs.



C. References

**Engineering Design Services for the Lake
Forest Woods Sewer Improvements**

Woodard & Curran’s engineers are experts in the analysis and design of sewer infrastructure projects and are nationally recognized in the water/wastewater industry. We prepare high-quality and cost-effective designs that result in facilities that are easy-to-operate and maintain. Our design engineers identify key issues early on and work with our client’s engineers and operations staff to identify their preferences and design standards. Woodard & Curran has worked with IRWD in the past on projects including the Sewer Siphon Rehabilitation project and The Woods Sewer Project.

The following table lists representative projects completed by our firm highlighting key requirements similar to this project, followed by detailed descriptions and references.

Client/Project	Pipeline Preliminary/Final Design	Sewer System Bypass	Agency Permits	Stream Stabilization
IRWD, Irvine Ranch Sewer Siphon Improvements	✓	✓	✓	
IRWD, The Woods Sewer Access Improvements	✓			✓
City of Malibu, Sewer Collection System Design	✓	✓	✓	
City of Anaheim, Knollwood Circle Sewer Improvement Project	✓	✓	✓	
Olivenhain Municipal Water District, Recycled Water Pipeline Extension 153A	✓		✓	
OCSD, Taft Avenue Trunk Sewer Improvements	✓	✓		
OCSD, District 6 Trunk Sewer Relief and Sewer Upgrades	✓	✓	✓	
City of Leominster, MA, Alternative Designs for Brook Stabilization			✓	✓



Irvine Ranch Sewer Siphon Improvements |

Irvine Ranch Water District

Reference: Malcolm Cortez, Principal Engineer, IRWD;
949.453.5854, cortez@irwd.com

Design Completion Date: 2019

Construction Completion Date: 2022

Team Members/Roles: Kathleen Higgins (PIC) Glenn Hermanson (Lead Designer), Justin Kraetsch (Project Engineer), Kraig Erickson (Technical Support)

Description:

IRWD completed a preliminary assessment of 19 inverted sewer siphons. Woodard & Curran was retained to design improvements to four of the siphons. The purpose of the Project is to design and construct improvements to increase the reliability and operability. The siphons are located near high traffic residential and commercial properties which require a high level of consideration during design to minimize interruption to the property occupants during construction. The Project also required easement and permitting coordination with the City of Irvine, County of Orange, Southern California Regional Rail Authority, the City of Tustin and various utility agencies. Traffic control plans were developed for work in accordance with local jurisdictional requirements as part of the permit approval process.

Project Highlights:

- Four critical sewer siphons, aging and blocked with debris
- IRWD Design and Specifications
- Agency permits and coordination



Lake Forest Woods Sewer Access

Improvements | Irvine Ranch Water District

Reference: Malcolm Cortez, Principal Engineer, IRWD;
949.453.5854, cortez@irwd.com

Design Completion Date: 2021

Construction Completion Date: Estimated 2024

Team Members/Roles: Kathleen Higgins (PIC), Kraig Erickson (Project Manager), Mirko Maher (Quality Control), Janet Fordunski (Project Engineer), Martha De Maria y Campos (Design Support), Millicent Cowley-Crawford (hydrology)

Description:

Woodard & Curran evaluated four alternatives to improve both access to IRWD facilities within the project reach and reduce risk of failure to those facilities. The key objectives were to develop and evaluate alternatives that are feasible for implementation by IRWD. To complete this evaluation, a hydrologic assessment was completed for the estimated 100-year flow event along both the Upper San Diego Creek and the Glenwood tributary. Based on the developed scour-envelope, improvement

alternatives were developed to reduce the risk to IRWD sewer infrastructure and to improve maintenance access. The study focused on solutions in the short-term (such as armoring or realigning assets) that would protect IRWD assets with a clear project avenue (e.g., no project partners, limited permitting, project cost) and was IRWD controlled. The recommended project based on a constructability review, is to relocate sewer piping to the South Slope of the Upper San Diego Creek and to relocate portions of the sewer within the Glenwood Tributary. The project will abandon or remove 5,000 LF of existing 10-inch and 8-inch sewer and 8 existing manholes and will construct 1,600 LF of new 8-inch and 12-inch piping and 10 new manholes.

Project Highlights:

- Evaluated sewer relocation and alignment alternatives
- Evaluated challenging construction conditions
- Coordinated with IRWD staff



Sewer Collection System Design | City of Malibu

 **Reference:** Rob Dubuox, Public Works Director, City of Malibu; 310.456.2489, ext. 339, rdubox@malibucity.org

 **Design Completion Date:** Phase 1-2015, Phase 2-2022

 **Construction Completion Date:** Phase 1-2018, Phase 2 – Estimated 2024

 **Team Members/Roles:** Glenn Hermanson (Technical Advisor), Justin Kraetsch (Project Engineer), Jennifer Glynn (QA/QC)

Description:

Woodard & Curran performed the planning and design for this high visibility, multi-benefit phased project that improves water quality in Malibu Creek, Malibu Lagoon, and Surfrider Beach. The Phase 1 and Phase 2 projects consisted of constructing a new centralized sewer collection system. The Phase 1 included approximately 9,000 feet of gravity sewer, 4,500 feet parallel force mains, and two lift stations. The Phase 2 Project includes approximately 26,000 feet of gravity sewer, 3,000 feet of parallel force mains, and five lift stations. The pipelines are underground in public rights-of-way (streets) and in easements through private residential homeowners' association (HOA) property. The pipelines, including both gravity and pressure lines, pass under Highway One (PCH) at various locations requiring Woodard & Curran to obtain Caltrans construction and permanent easements under PCH. Trenchless installations consisting of pilot-tube guided auger boring and pilot-tube guided pipe ramming were designed for the PCH crossings and in many other areas of the project to minimize traffic impacts within Malibu. A 1,700 foot horizontal directional drill was designed for the installation along Malibu Canyon Road to minimize traffic impacts along a heavily trafficked roadway. Key project challenges included shallow brackish groundwater, access issues due to its location within private communities with narrow roadways and minimal utility documentation and coordinating with stakeholders and permitting agencies.

Project Highlights:

- 42,500 feet collection piping up to 14" in diameter
- Open cut excavation, pilot-tube guided auger boring and pipe ramming, and horizontal directional drill, including multiple trenchless crossings of Caltrans PCH
- Construction through dense residential and high traffic commercial areas



Knollwood Circle Sewer Improvement Project | City of Anaheim

Reference: Kevin Miako, Associate Engineer, City of Anaheim; 714.765.5100, kmiako@anaheim.net

Design Completion Date: Estimated date 2022

Construction Completion Date: N/A

Team Members and their Roles: Kathleen Higgins (PIC), Mirko Maher (Project Manager), Glenn Hermanson (Design Lead), Justin Kraetsch (Project Engineer)

Description:

Woodard & Curran was selected to provide design services for the installation of approximately 2,000 linear feet of new 12-inch diameter sewer. Woodard & Curran developed and evaluated alignment alternatives and developed a preliminary design for the recommended alignment. The collection system is in public right-of-way and within easements crossing industrial and commercial properties. Woodard & Curran developed and evaluated alignment alternatives based on easement/right-of-way acquisition requirements, constructability, hydraulics, and public/private disruptions. Trenchless construction methods, including pilot-tube guided auger boring, will be utilized for crossing of private properties and busy roadways. The critical components of the design include utility coordination, easement requirements, and trenchless installation. Woodard & Curran's goals are to provide a sewer design that improves collection system hydraulics, reduces project and future O&M costs, and minimizes disturbances to private properties and traffic.

Project Highlights:

- 2,000 linear feet of new 12-inch diameter sewer
- Challenging clearances between pipes at utility crossings
- Coordination of multiple right-of-entry permits



Recycled Water Pipeline Extension 153A | Olivenhain Municipal Water District

Reference: Kim Thorner, General Manager, Olivenhain Municipal Water District; 760-753-6466, kthorner@olivenhain.com

Completion Date: 2019

Construction Completion Date: 2020

Team Members/Roles: Kraig Erickson (Project Manager), Glenn Hermanson (Lead Designer)

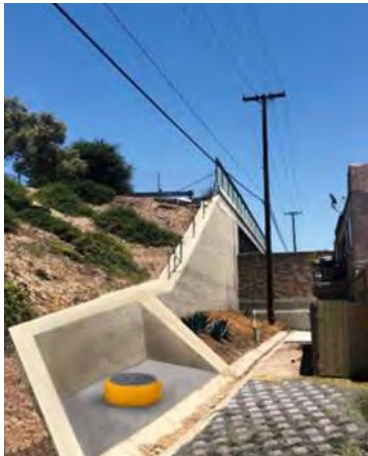
Description:

Woodard & Curran assisted Olivenhain Municipal Water District in the design of a recycled water extension to an existing potable water user (Surf Cup Sports Fields) for irrigation purposes. The recycled water pipeline alignment extends 1,400 feet from an existing meter

site southeast of the Morgan Run Country Club to the new meter site at the Surf Cup property. Woodard & Curran designed the 8-inch pipeline to be constructed using horizontal directional drilling (HDD) to cross 40-ft under the San Dieguito River channel. The HDD design, most notably the depth of the installation and associated permitting was challenging due to high groundwater and poor soil conditions. In addition to preparing the final design and bid package, Woodard & Curran also prepared the IS/MND. Primary issues of concern addressed in the MND included presence of sensitive biological resources in the adjacent riparian corridor, noise and dust from the HDD drill pit areas. Woodard & Curran also prepared notification to CDFW under the Lake and Streambed Alteration Program.

Project Highlights:

- Horizontal Directional Drilling Design of 8-inch pipeline
- Expedited environmental process to allow for construction prior to sensitive bird nesting season.



Taft Avenue Trunk Sewer Improvements |

Orange County Sanitation District

 **Reference:** Rich Leon, Project Manager, OCSD; 714.460.3485, rleon@ocsd.com

 **Completion Date:** 2022

 **Construction Completion Date:** Estimated 2024

 **Team Members/Roles:** Kraig Erickson (Project Manager), Glenn Hermanson (Lead Designer), Mirko Maher (Senior Project Engineer)

Description:

Woodard & Curran is currently providing alternatives evaluations, preliminary design, and then will prepare final bid documents for the Taft Ave Trunk Sewer. This project is necessary to address capacity issues during a wet-weather event along the pipeline and is 10,600 feet long with diameters ranging from 12- to 24-inches. As part of the analysis, we evaluated six alternative alignments, one of which included a trenchless crossing under Hwy 55. Woodard & Curran is coordinating permit requirements and utility information from multiple agencies. Project features include alternatives evaluation, diversion structure design, junction structure design, congested traffic areas, and permit acquisition.

Project Highlights:

- 10,600 feet long with diameters ranging from 12- to 24-inches
- Permit and utility coordination
- Trenchless crossing under Hwy 55



District 6 Trunk Sewer Relief and Sewer Upgrades | Orange County Sanitation District

Reference: Adam Nazaroff, Associate Engineer; 714.962.2411, anazaroff@ocsd.com

Design Completion Date: 2015

Construction Completion Date: 2019

Team Members/Roles: Glenn Hermanson (Design Lead), Justin Kraetsch (Project Engineer), Jennifer Glynn (Technical Advisor), Kraig Erickson (Construction Manager)

Description:

Woodard & Curran provided engineering evaluation, CEQA assistance, design and engineering services during construction for the OCSD District 6 Trunk Sewer Upgrade. Woodard & Curran's work included hydraulic modeling, preparation of an amendment to the Programmatic Environmental Impact Report, analysis of current conditions, preliminary design and final design of system upgrades for design flows projected for the next 30 years. The original system was constructed in the early 1950s. System upgrades include increased capacity through pipe bursting and realignment, repair of pipe deficiencies such as lateral cracking, cleaning and lining of corroded CIP segments, and improvements to manhole access. Design elements include pipeline design, bypass pumping, construction sequencing, odor control, dewatering, traffic control, cost estimation and surface restoration. The sewer alignment is in a busy Caltrans right-of-way in the City of Newport Beach that impacted neighboring commercial businesses and hospital. Woodard & Curran coordinated permit requirements and utility information from multiple agencies including Caltrans.

Project Highlights:

- Undersized existing trunk sewer along heavy traffic Caltrans corridor of Newport Blvd
- Cured-in-place pipe rehabilitation, pipe-bursting, and open-cut construction methods
- Challenging construction conditions



Alternative Designs for Brook Stabilization | City of Leominster, MA

Reference: Wendy Wiiks, Office of Mayor Dean Mazzarella; 978.534.7500, wwiiks@leominster-ma.gov

Design Completion Date: Est. 6/2022

Construction Completion Date: N/A

Team Members/Roles: Millicent Cowley-Crawford (led an assessment of potential for scour and design of channel stabilization measures)

Description:

The City of Leominster evaluated stabilizing a section of embankment along the Monoosnoc Brook. A storm in the spring of 2017 resulted in the collapse of a segment of stone masonry

retaining wall along the southeast bank of the brook. Since the event, rip rap and jersey barriers have been temporarily stabilizing the embankment. Woodard & Curran is working with the City to identify a permanent solution to repair the embankment and reduce potential flood damage risk to adjacent infrastructure and buildings. The project team developed three design alternatives to reinvent the surrounding area while also stabilizing the brook with environmental and resiliency focused elements that would anchor this public space as a catalyst for further downtown revitalization efforts. Woodard & Curran's analysis and design includes an alternatives analysis, community engagement, engineering drawings, and initiating the regulatory permitting process.

Project Highlights:

- Hydraulic and scour analysis of a natural stream
- Stream stabilization using a variety of techniques
- Regulatory permitting in an urban environment

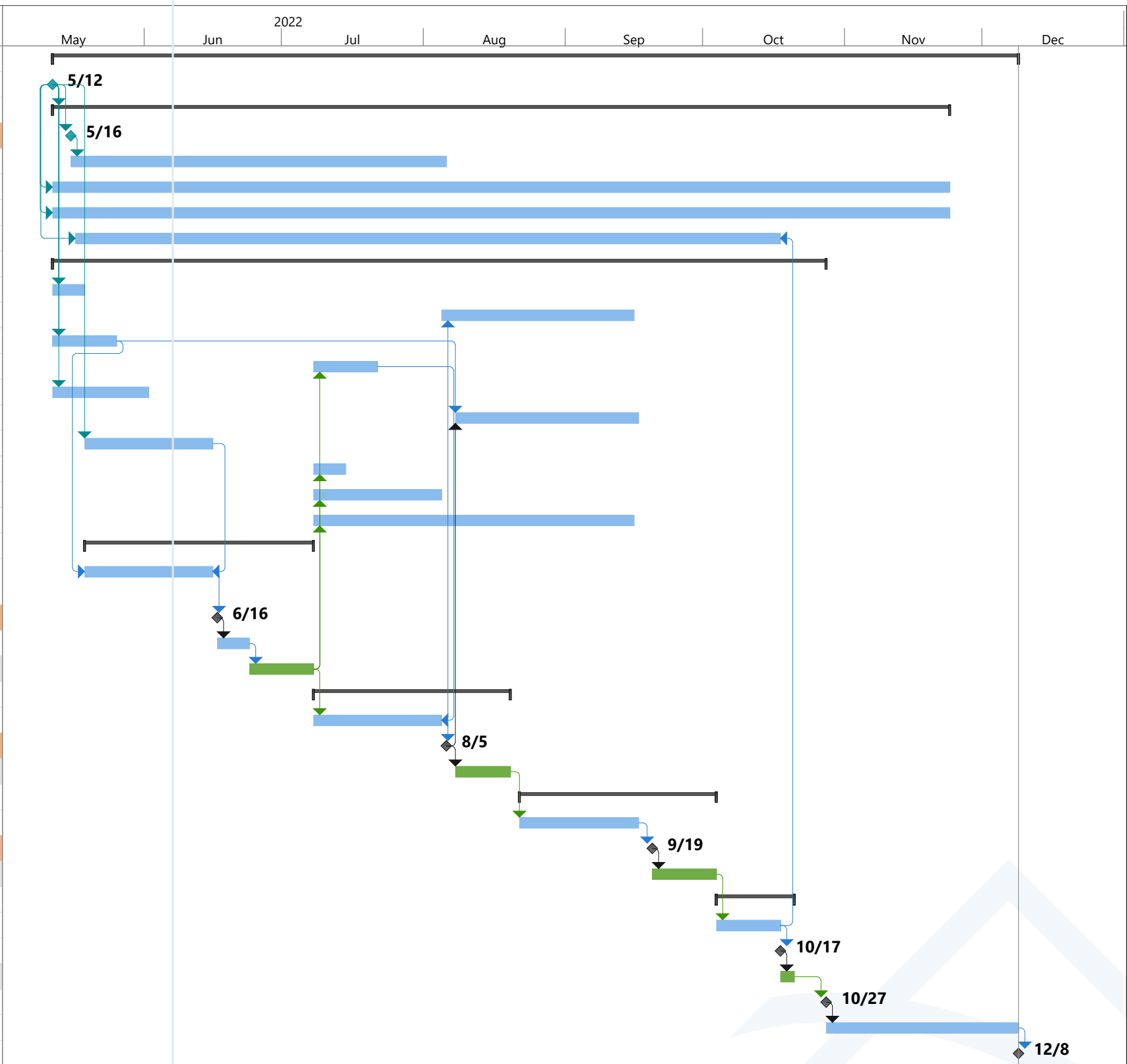


D. Schedule

**Engineering Design Services for the Lake
Forest Woods Sewer Improvements**

Woodard & Curran has reviewed the RFP scope of work and schedule. Based on our understanding of the project, there are complexities that will require more time for design and field investigations which would include geotechnical investigations necessary for trenchless construction methods, detailed survey necessary for new sewer improvements, grading and drainage of improved access. These design elements will require more duration and are accounted for and shown in our detailed schedule provided, which includes review time after submittals (assuming a typical 2 week review period for IRWD). Assuming an NTP of 5/12/2022, final plan signing is estimated to be approximately 3 weeks after the date highlighted in the original RFP.

ID	Task Name	Duration	Start	Finish
1	Lake Forest Woods Sewer Improvements	151 days	Thu 5/12/22	Thu 12/8/22
2	Notice to Proceed	0 days	Thu 5/12/22	Thu 5/12/22
3	Task 1: Project Management	140 days	Thu 5/12/22	Wed 11/23/22
4	Kickoff Meeting/Site Meeting	0 days	Mon 5/16/22	Mon 5/16/22
5	1.1 Meetings (Kickoff and Design Workshops)	60 days	Mon 5/16/22	Fri 8/5/22
6	1.2 Coordination	140 days	Thu 5/12/22	Wed 11/23/22
7	1.3 Invoicing	140 days	Thu 5/12/22	Wed 11/23/22
8	1.4 QA/QC Plan	110 days	Tue 5/17/22	Mon 10/17/22
9	Task 2: Final Design	121 days	Thu 5/12/22	Thu 10/27/22
10	2.1 Review of Background Material	5 days	Thu 5/12/22	Wed 5/18/22
11	2.2 Optional SWPPP	30 days	Fri 8/5/22	Thu 9/15/22
12	2.3.1 Initial Topographic Field Survey	10 days	Thu 5/12/22	Wed 5/25/22
13	2.3.2 Topographic Survey Refinement	10 days	Fri 7/8/22	Thu 7/21/22
14	2.4 Utility Review	15 days	Thu 5/12/22	Wed 6/1/22
15	2.5 Right-of-Way	30 days	Mon 8/8/22	Fri 9/16/22
16	2.6 Optional Geotechnical Evaluation	20 days	Thu 5/19/22	Wed 6/15/22
17	2.7 Potholing	5 days	Fri 7/8/22	Thu 7/14/22
18	2.8 Permits (Excl. Environmental Permits)	20 days	Fri 7/8/22	Thu 8/4/22
19	2.9 CEQA Documentation Support	50 days	Fri 7/8/22	Thu 9/15/22
20	2.10.1 25% Design Concept	36 days	Thu 5/19/22	Thu 7/7/22
21	Prepare 25% Plans & Evaluate Construction Methods	20 days	Thu 5/19/22	Wed 6/15/22
22	25% Design Concept Preview Workshop	0 days	Thu 6/16/22	Thu 6/16/22
23	Submit 25% Design Concept Plans	5 days	Fri 6/17/22	Thu 6/23/22
24	IRWD Review and HOA Outreach	10 days	Fri 6/24/22	Thu 7/7/22
25	2.10.2 60% Design	31 days	Fri 7/8/22	Fri 8/19/22
26	Prepare and Submit 60% Design PS&E	20 days	Fri 7/8/22	Thu 8/4/22
27	60% Design Workshop	0 days	Fri 8/5/22	Fri 8/5/22
28	IRWD Review Period	10 days	Mon 8/8/22	Fri 8/19/22
29	2.10.3 90% Design	31 days	Mon 8/22/22	Mon 10/3/22
30	Prepare and Submit 90% Design PS&E	20 days	Mon 8/22/22	Fri 9/16/22
31	90% Design Workshop	0 days	Mon 9/19/22	Mon 9/19/22
32	IRWD Review Period	10 days	Tue 9/20/22	Mon 10/3/22
33	2.10.4 Final Design Deliverable	13 days	Tue 10/4/22	Thu 10/20/22
34	Prepare Final Stamped/Signed PS&E	10 days	Tue 10/4/22	Mon 10/17/22
35	Submit Final Deliverable	0 days	Mon 10/17/22	Mon 10/17/22
36	IRWD Backcheck	3 days	Tue 10/18/22	Thu 10/20/22
37	Plan Signing	0 days	Thu 10/27/22	Thu 10/27/22
38	Bid Period Assistance (Pending Permits/CEQA)	30 days	Fri 10/28/22	Thu 12/8/22
39	Bid Opening (Pending Permits/CEQA)	0 days	Thu 12/8/22	Thu 12/8/22





Sections F - J

**Engineering Design Services for the Lake
Forest Woods Sewer Improvements**

For this project, Woodard & Curran proposes to utilize Ninyo & Moore, KDM Meridian, and T2 Utility Engineers as subconsultants.

Established in 1986, **Ninyo & Moore** is one of the largest engineering firms specializing in Geotechnical Engineering, Environmental Engineering, and Materials Testing and Inspection Services. They are currently in 17 locations throughout the mid- to western United States, including California, Nevada, Arizona, Colorado, Texas, and Utah. They have fully equipped and certified in-house testing laboratories that offer full-service field and laboratory services for geotechnical design, and soil and materials testing projects.

KDM Meridian (KDM) is a professional land survey consulting firm competent in all major land survey and mapping disciplines. Established in 2000, KDM has over 20 years of experience providing superior service to clients, both public and private. They have a staff of 20, including six California Licensed Surveyors and one certified Land Surveyor-In-Training, allowing KDM personnel to provide in-house boundary, right-of-way, and topographic surveying in addition to mapping, construction staking, legal descriptions, and related land development functions.

T2 UES, Inc. d/b/a **T2 Utility Engineers (T2ue)** provides a full range of Utility Engineering services, including Subsurface Utility Engineering (SUE), advanced geophysics, test holes/potholing, surveying, and utility coordination to support infrastructure projects in the United States (US) and Canada. T2ue staff have the experience and expertise managing projects of all sizes, from small development jobs to large-scale billion dollar infrastructure projects for public and private clients.

Woodard & Curran does not have any actual, apparent or potential conflicts of interest that may result from the performance of any of the services under this contract.

Woodard and Curran does not have any exceptions to IRWD's Professional Services Agreement.

Woodard & Curran Insurance Coverage:

Insurance Required	Limit	Policy Number	Company
Commercial General Liability	\$1 million per occurrence	6014561812	Continental Casualty Company
Personal & Adv Injury	\$1 million per occurrence	6014561812	Continental Casualty Company
General Aggregate	\$2 million per project/ location	6014561812	Continental Casualty Company
Products – COMP/OP AGG	\$2 million per project/ location	6014561812	Continental Casualty Company
Automotive Liability	\$1 million per accident	6014561843	National Fire Insurance Company of Hartford
Workers Compensation	\$1 million per occurrence	6017075447	Transportation Insurance Company
Professional Liability	\$1 million per claim/\$2 million aggregate	114135520	Continental Casualty Company

Note: Woodard & Curran’s current insurance policy is effective 02/23/2022 to 02/23/2023. A submittal from our insurance carrier can be provided to IRWD upon request.

Woodard & Curran - California Department of Industrial Relations (DIR): 1000046744, expires 6/30/2022.

Ninyo & Moore - California Department of Industrial Relations (DIR): 1000004481, expires 6/30/2022.

KDM Meridian - California Department of Industrial Relations (DIR): 1000404965, expires 6/30/2022

T2 Utility Engineers (T2 UES Inc) - California Department of Industrial Relations (DIR): 1000549974, expires 6/30/2023



Appendix

Engineering Design Services for the Lake Forest Woods Sewer Improvements

May 4, 2022



Mr. Alex Murphy
Irvine Ranch Water District
Michelson Water Recycling Plant
3512 Michelson Drive
Irvine, CA 92612

Re: Fee Proposal for the Engineering Design Services for the Lake Forest Woods Sewer Improvements

Dear Mr. Murphy:

Irvine Ranch Water District (IRWD) is seeking engineering services for the Engineering Design Services for the Lake Forest Woods Sewer Improvements. Woodard & Curran has a full understanding of IRWD's project and unmatched qualifications for sewer design. Based on our review of the request for proposal and discussions and meetings with IRWD staff, we have developed the attached fee proposal that corresponds to the scope of work in our proposal.

Included in the attached fee proposal are costs for labor, subconsultants, reproduction, and other direct costs for the Final Design. Also included is our standard rate table of hourly rates.

We are committed to working with IRWD to make this important project a success. If you have any questions about our fee proposal, please contact me at Khiggins@woodardcurran.com or (949) 420-5313 or Kraig Erickson at Kerickson@woodardcurran.com or (949) 420-5306.

Sincerely,

WOODARD & CURRAN, INC.

A handwritten signature in cursive script that reads "Kathleen Higgins".

Kathleen Higgins, PE
Principal-in-Charge



Irvine Ranch Water District
Lake Forest Woods Sewer Improvements

Fee Estimate
5/4/2022

Tasks	Labor											Total Hours	Total Labor Costs (1)	Outside Services			ODCs		Total Fee		
	Kathleen Higgins	Kraig Erickson	Mirko Maher	Justin Kraetsch	Glen Hermanson/Jen Glynn	Janet Fordunski	Millie Cowley Crawford	Tom Scalse	Martha De Maria y Campos	Drafter	Admin.			Ninyo & Moore	T-2	KDM Meridian	Subtotal	Sub Consultant Total Cost (2)		ODCs	Total ODCs (3)
	PIC	PM	Tech Manager	PE	Tech Advisor/QA/QC	Permit Coordination	Watershed Impr.	Structural	Design Engineer	CAD	Admin.			Geotech	Potholing	Survey					
	\$330	\$295	\$315	\$245	\$330	\$260	\$260	\$260	\$205	\$170	\$120										
Task 1: Project Management														Task 1: Project Management							
1.1 Meetings (3-1hr mtgs, 1-2hr mtg with prep)	2	12	8	12		2			12			48	\$12,640					1.1 Meetings (3-1hr mtgs, 1-2hr mtg with prep)	\$12,695		
1.2 Coordination		24		8								32	\$9,040					1.2 Coordination	\$9,040		
1.3 Invoicing		8									8	16	\$3,320					1.3 Invoicing	\$3,320		
1.4 QA/QC Plan		2		4	24							30	\$9,490					1.4 QA/QC Plan	\$9,490		
Subtotal Task 1:	2	46	8	24	24	2	0	0	12	0	8	126	\$34,490	\$0	\$0			Subtotal Task 1:	\$34,545		
Task 2: Final Design														Task 2: Final Design							
2.1 Review of Background Material		2	4	4					8			18	\$4,470					2.1 Review of Background Material	\$4,470		
2.2 Storm Watter Pollution and Prevention Plan		2		8					32			42	\$9,110					2.2 Storm Watter Pollution and Prevention Plan	\$9,110		
2.3 Topographic Field Survey		2		4					6			12	\$2,800					2.3 Topographic Field Survey	\$72,100		
2.4 Utility Review		2		4					24			30	\$6,490					2.4 Utility Review	\$6,490		
2.5 Right of Way		4		8					16			28	\$6,420	\$34,645				2.5 Right of Way	\$14,120		
2.6 Geotechnical Investigation		2		4					4			10	\$2,390					2.6 Geotechnical Investigation	\$40,500		
2.7 Potholing		2		2					4			8	\$1,900		\$16,400			2.7 Potholing	\$19,940		
2.4 Permits		4		4		16	4		12			40	\$9,820					2.4 Permits	\$9,820		
2.5 CEQA Documentation Support (includes 1 mtg)		4	2	6		6			16			34	\$8,120					2.5 CEQA Documentation Support (includes 1 mtg)	\$8,120		
2.6.1 25% Final Design Plans (PS&E)	1	6	14	16	2		8	8	40	120		215	\$43,850					2.6.1 25% Final Design Plans (PS&E)	\$44,070		
2.6.2 60% Final Design Plans (PS&E)	1	10	28	40	4		12	12	64	212		383	\$78,620					2.6.2 60% Final Design Plans (PS&E)	\$78,840		
2.6.3 90% Final Design Plans (PS&E)	1	8	16	16			8	8	40	90		187	\$39,310					2.6.3 90% Final Design Plans (PS&E)	\$39,420		
2.6.4 Final Design Plans		4	2	8			4	4	12	24		58	\$12,390					2.6.4 Final Design Plans	\$12,500		
2.7 Project Manual		4	8	24					32		12	80	\$17,580					2.7 Project Manual	\$17,580		
2.8 Opinion of Probable Construction Cost		2	2	8					16			28	\$6,460					2.8 Opinion of Probable Construction Cost	\$6,460		
2.9 Bid Period Assistance		2	4	8					8	24	2	48	\$9,770					2.9 Bid Period Assistance	\$9,990		
Subtotal Task 2:	3	60	80	164	6	22	36	32	334	470	14	1221	\$259,500	\$34,645	\$16,400	\$70,000	\$121,045	\$133,150	\$800	\$880	\$393,530
TOTAL	5	106	88	188	30	24	36	32	346	470	22	1347	\$293,990	\$34,645	\$16,400	\$70,000	\$121,045	\$133,150	\$850	\$935	\$428,075

- The individual hourly rates include salary, overhead and profit.
- Subconsultants will be billed at actual cost plus 10%.
- Other direct costs (ODCs) such as reproduction, delivery, mileage (rates will be those allowed by current IRS guidelines), and travel expenses, will be billed at actual cost plus 10%.
- W&C reserves the right to adjust its hourly rate structure and ODC markup at the beginning of the calendar year for all ongoing contracts.
- Additional Woodard & Curran staff may perform work on the project, based on our standard billing rate schedule currently in effect.

Municipal Standard 2022

STAFF TYPE	HOURLY RATE
Project Assistant	\$120
Billing Manager	\$140
Designer 1	\$140
Graphic Artist	\$140
Graphics Manager	\$140
Marketing Assistant	\$140
Marketing Manager	\$140
Senior Accountant	\$140
Senior Project Assistant	\$140
Software Engineer 1	\$165
Designer 2	\$170
Designer 3	\$175
Senior Software Developer	\$175
Engineer 1	\$180
Geologist 1	\$180
Planner 1	\$180
Scientist 1	\$180
Senior Designer	\$180
Technical Specialist 1	\$180
Software Engineer 2	\$185
Software Engineer 3	\$200
Engineer 2	\$205
Geologist 2	\$205
Planner 2	\$205
Scientist 2	\$205
Technical Specialist 2	\$205
Engineer 3	\$235
Geologist 3	\$235
Planner 3	\$235
Scientist 3	\$235
Technical Specialist 3	\$235
Project Engineer 1	\$245
Project Geologist 1	\$245
Project Planner 1	\$245
Project Scientist 1	\$245
Project Specialist 1	\$245
Project Technical Specialist 1	\$245
Project Engineer 2	\$260
Project Geologist 2	\$260
Project Planner 2	\$260
Project Scientist 2	\$260
Project Specialist 2	\$260
Project Technical Specialist 2	\$260
Project Manager 1	\$280
Technical Manager 1	\$280
Project Manager 2	\$295
Technical Manager 2	\$295
Senior Project Manager	\$315
Senior Technical Manager	\$315
National Practice Leader	\$330
Senior Technical Practice Leader	\$330

EXPENSES

Travel	\$0.585 / mile
Other Direct Costs	At Cost Plus 10%
Subconsultants/Subcontractors	At Cost Plus 10%

NOTES


Mileage rate will change as the federal allowable rate is modified.

This rate schedule is confidential and for customer internal use only.
Woodard & Curran reserves the right to adjust billing rates annually.

May 23, 2022

Prepared by: J. McGehee / R. Mori

Submitted by: K. Burton

Approved by: Paul A. Cook 

ACTION CALENDAR

15 MG ZONE 1 RESERVOIR INTERIOR COATING AND IMPROVEMENTS BUDGET INCREASE AND CONTRACT CHANGE ORDER

SUMMARY:

IRWD's contractor has completed removal of the existing interior coating and the application of the prime coat for the 15-million-gallon (MG) Zone 1 Reservoir Interior Coating and Improvements project. With construction approximately 70% complete, staff has determined that the bid quantities included in the contract documents do not adequately account for the level of work that is required to coat the entire tank interior. Staff recommends the Board:

- Authorize a budget increase for Project 05761 in the amount of \$1,131,825, from \$4,020,000 to \$5,151,825, and
- Approve Contract Change Order No. 4 in the amount of \$791,975 and the addition of 42 calendar days to the contract time with Pacific Hydrotech Corporation for the 15 MG Zone 1 Reservoir Interior Coating and Improvements, Project 05761.

BACKGROUND:

The existing 15 MG steel reservoir, located on Sand Canyon Avenue, as shown in Exhibit "A", was originally constructed in 1982 and continues to serve as the primary storage reservoir for IRWD's Zone 1 distribution system. The reservoir also serves as the forebay for the East Irvine Zone 1 to 3 Booster Pump Station (BPS) and the South County Zone 1 to 3 Emergency BPS. This rehabilitation project includes removal and replacement of the entire reservoir interior coating and portions of the exterior coating and replacement of the reservoir roof hatches, vent, in-reservoir cathodic protection system, and other miscellaneous accessories. The project also includes recoating the existing East Irvine Zone 1 to 3 BPS and associated surge tank, both of which are located on the reservoir site.

The construction Notice of Award was issued to Pacific Hydrotech Corporation (PHC) on July 13, 2021, and the tank was removed from service on October 5, 2021. Removals and coating work have been underway since then.

Contract Change Order No. 4:

The project included bid items with estimated quantities, provided in square feet, for interior coating of the walls and floor and a separate bid item for interior coating of the ceiling and rafters. As the work progressed, PHC notified staff that the amount of material required to sandblast the existing coating and the amount of primer estimated for the upcoming intermediate and final coats was in excess of the amounts that should be needed for the square footage that was listed in the bid quantities.

Action Calendar: 15 MG Zone 1 Reservoir Interior Coating and Improvements Budget Increase and Contract Change Order

May 23, 2022

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Subsequently, PHC calculated the surface area of the walls, rafters, and columns using actual measurements in the field and verified those field measurements with the dimensions shown on the original fabrication drawings for the reservoir. Based on that assessment, PHC determined that the estimated bid quantities in the contract documents were short by approximately 32%. Cannon Corporation, the engineer of record for the project, reviewed the assessment by PHC and confirmed that the revised quantities calculated by PHC were correct. Through this assessment, Cannon identified that its estimated bid item quantities accounted for the interior surface area of the tank shell but did not account for the surface area of the roof rafters and interior columns.

The original contract completion date was June 3, 2022. The contractor requested that 42 calendar days be added to the contract time to accommodate the extra work identified. With the additional contract time, the revised contract completion date will be July 15, 2022.

The change order includes the time, materials, and equipment necessary to perform additional unit price work in excess of the established bid quantities. The unit prices used for the additional work are the same unit prices that were provided by PHC in its original bid. Staff reviewed the change order and recommends approval of Contract Change Order No. 4 in the amount of \$791,975 and the addition of 42 calendar days to the contract time with Pacific Hydrotech Corporation.

FISCAL IMPACTS:

Project 05761 is included in the FY 2021-22 Capital Budget and will be funded by the potable replacement fund. A budget increase is required to fund the contract change order as shown in the table below.

Project No.	Current Budget	Addition <Reduction>	Total Budget
05761	\$4,020,000	\$1,131,825	\$5,151,825

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15301 which provides exemption for minor alterations of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. A Notice of Exemption for the project was filed with the County of Orange on November 9, 2020.

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on May 17, 2022.

Action Calendar: 15 MG Zone 1 Reservoir Interior Coating and Improvements Budget Increase
and Contract Change Order

May 23, 2022

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RECOMMENDATION:

THAT THE BOARD AUTHORIZE A BUDGET INCREASE FOR PROJECT 05761 IN THE AMOUNT OF \$1,131,825, FROM \$4,020,000 TO \$5,151,825, AND APPROVE CONTRACT CHANGE ORDER NO. 4 IN THE AMOUNT OF \$791,975 AND THE ADDITION OF 42 CALENDAR DAYS TO THE CONTRACT TIME WITH PACIFIC HYDROTECH CORPORATION FOR THE 15 MG ZONE 1 RESERVOIR INTERIOR COATING AND IMPROVEMENTS, PROJECT 05761.

LIST OF EXHIBITS:

Exhibit "A" – Location Map

Exhibit "B" – Contract Change Order No. 4 with Pacific Hydrotech Corporation

Exhibit "C" – Construction Change Order Summary

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EXHIBIT "A"



3.7 MG Reservoir

15 MG Reservoir

Zone 1-3
Pump Station

South County Zone
1-3 Pump Station

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EXHIBIT "B"
CONTRACT CHANGE ORDER



Irvine Ranch Water District

15600 Sand Canyon Avenue
P.O. Box 57000
Irvine, CA 92619-7000
(949) 453-5300

C.O. No. 4

Final

Project No. 05761

15 MG Zone 1 Reservoir Interior Coating and Improvements

Project Title

Date: 5/5/2022

THE FOLLOWING CHANGE TO CONTRACT, DRAWINGS AND SPECIFICATIONS IS PROPOSED.	\$ ADDITIONS	\$ DELETIONS	DAYS ±
1. Change Request No. 5 - Quantities Adjustment	791,975.00	0	42
Revised Contract Completion Date: July 15, 2022			
TOTAL	\$ 791,975.00	\$ -	42

DAYS ±

1. NET AMOUNT THIS CHANGE ORDER	=	\$	791,975.00	42
2. ORIGINAL CONTRACT AMOUNT	=	\$	3,340,190.00	325
3. TOTAL PREVIOUS CHANGE ORDER(S)	=	\$	285,778.73	0
4. TOTAL BEFORE THIS CHANGE ORDER (2+ 3)	=	\$	3,625,968.73	325
5. PROPOSED REVISED CONTRACT AMOUNT TO DATE (1+4)	=	\$	4,417,943.73	367

We hereby agree to make the above change subject to the terms of this change order for the sum credit of:

Seven Hundred Ninety One Thousand Nine Hundred Seventy Five and 00/100 ----- Dollars



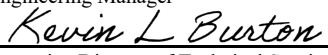
5/5/22

Pacific Hydrotech Corporation


By:

Date

Contractor

SIGNATURE	DATE	APPROVAL LEVEL REQUIRED
 IRWD Engineer or Consulting Engineer	<u>5/5/2022</u> Date	Department Director Approval Required <input type="checkbox"/>
 Engineering Manager	<u>05/05/2022</u> Date	Executive Director Approval Required <input type="checkbox"/>
 Executive Director of Technical Services	<u>5/5/2022</u> Date	General Manager Approval Required <input type="checkbox"/>
General Manager	Date	Board Approval Required <input checked="" type="checkbox"/>
		626078
		Purchase Order No.

NOTE: The documents supporting this Change Order, including any drawings and estimates of cost, if required are attached hereto and made a part hereof. This Change Order shall not be considered as such until it has been signed by the Owner and the Contractor. Upon final approval, distribution of copies will be made as required. The parties mutually agree the pricing set forth in this Change Order are complete and fair compensation for the entirety of the work authorized under this Change Order and that no additional compensation is warranted nor shall it be allowed.

CHANGES: All workmanship and materials called for by this Change Order shall be fully in accord with the original Contract Documents insofar as the same may be applied without conflict to the conditions set forth by this Change Order. The time for completing the contract will not be extended unless expressly provided for in this Change Order.



May 4, 2022

Attention: Joseph McGehee

Reference: Additional Unit Price Quantities for Interior Coatings

Dear Joe,

As previously discussed and quantity take offs supplied for your review, the actual quantities of work being performed exceeds the bid item amounts for bid items 17, 19 and 20. The following table summarizes the additional quantities and cost per the original bid schedule.

Bid Item	Item Description	Additional Qty	UOM	Unit Price	Added Cost
17	Seal Interior Lap Seams	3,290	LF	\$ 7.00	\$ 23,030.00
19	Interior Coating Walls and Floor	4,160	SF	\$ 12.00	\$ 49,920.00
20	Interior Coating Ceiling and Rafters	47,935	SF	\$ 15.00	\$ 719,025.00

Total \$ 791,975.00

This work has already commenced with the blasting and priming of the ceilings and walls complete. This represents an approximate 35% increase in the interior coating scope from the original plan. We will make every effort to complete this scope expeditiously. Should you have any further questions regarding this issue please feel free to reach out. Thank you.

Sincerely,

Chris Harns
Project Manager
Pacific Hydrotech Corp
CSLB # 518355

Bid Results

Bidder Details

Vendor Name Pacific Hydrotech Corp
Address 314 E 3rd Street
Perris, California 92507
United States
Respondee Jimmy Garibaldo
Respondee Title Estimator
Phone 951-943-8803
Email jimmy@pachydro.com
Vendor Type CADIR
License # 518355
CADIR 1000002987

Bid Detail

Bid Format Electronic
Submitted 06/30/2021 2:52 PM (PDT)
Delivery Method
Bid Responsive
Bid Status Submitted
Confirmation # 259347

Respondee Comment

Buyer Comment

Attachments

File Title	File Name	File Type
15 MG Zone 1 Reservoir Bid.pdf	15 MG Zone 1 Reservoir Bid.pdf	Bid Form

Subcontractors

Showing 2 Subcontractors

Name & Address	Desc	License Num	CADIR	Amount	Type
Murphy Industrial Coatings, Inc. 2704 Gundry Ave Signal Hill, California 90755	Coatings	310594	1000005885	\$2,124,345.00	CADIR
Premier Tank Inc. 14625 Domart Ave Norwalk, California 90650	Steel Tank Work	715448	1000435037	\$198,542.00	CADIR

Line Items

Discount Terms No Discount

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
BASE BID ITEMS							\$3,340,190.00		
1			Mobilization and Demobilization (Not to Exceed 4% of Contract Price)	LS	1	\$120,000.00	\$120,000.00	Yes	
2			Payment and Performance Bonds, and Insurance	LS	1	\$55,000.00	\$55,000.00	Yes	
3			Door Sheet Removal and Replacement	LS	1	\$42,000.00	\$42,000.00	Yes	
4			Roof Hatches	EA	4	\$8,200.00	\$32,800.00	Yes	
5			Roof Vent	LS	1	\$10,300.00	\$10,300.00	Yes	
6			Replace Injection Conduits	LS	1	\$12,000.00	\$12,000.00	Yes	
7			Relocate and Repair Pax Mixer Cable	LS	1	\$50,000.00	\$50,000.00	Yes	
8			Davit Cranes	LS	1	\$8,300.00	\$8,300.00	Yes	
9			Fall Protection Anchors	EA	4	\$760.00	\$3,040.00	Yes	
10			Interior Ladder	LS	1	\$13,500.00	\$13,500.00	Yes	
11			Sampling Station	LS	1	\$3,100.00	\$3,100.00	Yes	
12			Erosion Control Measures	LS	1	\$7,500.00	\$7,500.00	Yes	
13			Remove Level Indicator	LS	1	\$3,100.00	\$3,100.00	Yes	
14			Cathodic Protection Handholes and Caps	EA	65	\$210.00	\$13,650.00	Yes	
15			Cathodic Protection Anodes and Hangers	EA	20	\$1,200.00	\$24,000.00	Yes	
16			Hand Railings	LF	550	\$241.00	\$132,550.00	Yes	
17			Seal Interior Lap Seams	LF	7500	\$7.00	\$52,500.00	Yes	
18			Exterior Coating Spot Repairs - Removal and Replacement	SF	15000	\$15.00	\$225,000.00	Yes	
19			Interior Coating Walls and Floor (Below Inuckle) Removal and Replacement	SF	96500	\$12.00	\$1,158,000.00	Yes	
20			Interior Coating Ceiling and Rafter (Above shell) Removal and Replacement	SF	70500	\$15.00	\$1,057,500.00	Yes	
21			Dehumidification Equipment	WK	16	\$8,800.00	\$140,800.00	Yes	
22			East Zone 1-3 Pump Station and Surge Tank Recoat	LS	1	\$49,200.00	\$49,200.00	Yes	
23			North Inlet/Outlet and Overflow - Spot Repair and Recoat	LS	1	\$5,100.00	\$5,100.00	Yes	
24			Chime Seal	LF	925	\$10.00	\$9,250.00	Yes	
25			Miscellaneous Steel Spot Repairs	LS	1	\$60,000.00	\$60,000.00	Yes	
26			Hydrostatic Testing and Disinfection	LS	1	\$50,000.00	\$50,000.00	Yes	
27			Record Drawings	LS	1	\$2,000.00	\$2,000.00	Yes	
ADDITIVE AND DEDUCTIVE BID ITEM							\$0.00		
28			ADDITION (+) OR DEDUCTION (-)	LS	1	\$0.00	\$0.00	Yes	

Line Item Subtotals

Section Title	Line Total
BASE BID ITEMS	\$3,340,190.00
ADDITIVE AND DEDUCTIVE BID ITEM	\$0.00
Grand Total	\$3,340,190.00

EXHIBIT "C"


15 MG Zone 1 Reservoir Interior Coating and Improvements PR 05761 Construction Change Order Summary

Contractor: Pacific Hydrotech Corporation
 Design Engineer: Cannon
 Award Date: 7/13/2021

			Contract Amount						Contract Days				Original Completion Date:
			Original Contract Amount: \$3,340,190.00						Original Days: 325				6/3/2022
Change Order	Description	Category	Change Order Line Item Amount	Change Order Amount	Previous Change Orders	Cumulative Total of Change Orders	% of Original Contract Amount	Revised Contract Amount	Change Order Days	Previous Change Orders	Cum. Total C.O. days	Revised Total Contract Days	Revised Completion Date
1	Approved by Executive Director Approved on February 1, 2022 CR No. 1 - Sound Mitigation Measures	A	\$ 120,359.44	\$120,359.44	\$0.00	\$120,359.44	3.60%	\$3,460,549.44	0	0	0	325	6/3/2022
2	Approved by Executive Director Approved on March 30, 2022 CR No. 2 - Roof Rafter Repairs	B	\$ 78,273.38	\$78,273.38	\$120,359.44	\$198,632.82	5.95%	\$3,538,822.82	0	0	0	325	6/3/2022
3	Approved by Executive Director Approved on May 9, 2022 CR No. 3 - Floor Coating Removals CR No. 4 - Sound Attenuation Rental Extension	B A	\$ 67,918.99 \$ 19,226.92	\$87,145.91	\$198,632.82	\$285,778.73	8.56%	\$3,625,968.73	0	0	0	325	6/3/2022
4	Approved by Board of Directors Approved on CR No. 5 - Quantities Adjustment	D	\$ 791,975.00	\$791,975.00	\$285,778.73	\$1,077,753.73	32.27%	\$4,417,943.73	42	0	42	367	7/15/2022

Category	Total Amount	% of Original Contract
A - Owner Directed Change	\$ 139,586.36	4.18%
B - Differing/Unknown Condition	\$ 146,192.37	4.38%
C - External Agency, Regulatory, and/or Permit Required Change	\$ -	0.00%
D - Design Oversight	\$ 791,975.00	23.71%
Total Change Order Amount (A + B + C + D)	\$ 1,077,753.73	32.27%

Note: This page is intentionally left blank.

May 23, 2022
Prepared and
submitted by: C. Compton
Approved by: Paul A. Cook 

ACTION CALENDAR

2022 LEGISLATIVE AND REGULATORY UPDATE

SUMMARY:

This report provides an update on the 2021-2022 legislative session, regulatory issues, and IRWD priorities. As legislation and regulations develop, staff will provide updates and recommendations to the Water Resources and Policy and Communications Committee and the Board, as appropriate. Staff recommends the Board consider the following actions/positions:

- AB 2357 (Ting) – Surplus Land: “OPPOSE UNLESS AMENDED;”
- AB 2536 (Grayson) – Impact Fee Nexus Studies: Connection fees and Capacity charges: “WATCH;”
- ACR 180 (Bauer-Kahan) – Special Districts Week: “SUPPORT;” and
- SB 1345 (Ochoa Bogh) – Excavations: Subsurface Installations: “OPPOSE UNLESS AMENDED.”

BACKGROUND:

The months of April and May are a very busy time of year in Sacramento. The Legislature is actively hearing and amending bills. The last day for legislative policy committees to hear fiscal bills introduced in their houses to fiscal committees was April 29, 2022, while May 6 was the last day for legislative policy committees to hear non-fiscal bills introduced in their houses. May 20 was the last day for fiscal committees to hear and report bills to the floor, and May 27 is the house of origin deadline.

2022 California State Budget:

Governor Newsom released his May Revise, the May revision to his proposed Fiscal Year (FY) 2022-23 Budget, on May 13, 2022. The May Revise proposes \$227.4 billion in total General Fund expenditures, \$219.6 billion in total General Fund revenues, and proposes to transfer \$2.9 billion from the General Fund to the Budget Stabilization Account/Rainy Day Fund, bringing the Rainy Day Fund total to \$23.3 billion. It also proposes another \$900 million for the Safety Net Reserve. This compares with the \$213.1 billion in total General Fund expenditures, \$197.3 billion in General Fund revenues, and \$1.6 billion proposed to be transferred from the General Fund to the Budget Stabilization Account/Rainy Day Fund that was included in the Governor’s Proposed January Budget. When compared to the enacted FY 2021-22 Budget, the May Revise represents a \$21.9 billion, or 8.8 percent, decrease in General Fund expenditures.

What is most noteworthy in the May Revise is the amount of the projected budget surplus. While the January Proposed Budget included a projected \$45.7 billion surplus, the May Revise

includes an unprecedented projected \$97.5 billion surplus of which \$49.2 billion is considered a discretionary surplus.

On May 16, 2022, the Legislative Analyst's Office (LAO) published its "[Initial Comments on the Governor's May Revision.](#)"

Senate Budget Plan: Putting California's Wealth to Work for a More Equitable Economy:

On April 28, 2022, Senate President Pro Tempe Toni Atkins (D-San Diego) and Senate Budget and Fiscal Committee Chair Nancy Skinner (D-Berkeley) unveiled "Step #2: Detailed Senate Budget Priorities" of the Senate's "Putting Wealth to Work for a More Equitable Economy" budget plan. Step #1 of the [Senate Budget Plan](#), released in December 2021, outlined the key values on which the Senate wants the budget based. Step #2 details the Senate's budget priorities.

Step #2 of the "Putting Wealth to Work" plan increases forecasted stated revenues by \$65 billion (as compared to the Governor's January revenue forecast) and proposes a number of priority expenditures for that budget surplus. For example, the Senate's proposal would provide \$8 billion in "Better for Families Tax Rebates." The proposed rebate would provide \$200 per taxpayer plus \$200 for dependents for single filers earning up to \$125,000, and joint filers earning up to \$250,000. The purpose of the rebates is to help mitigate the impacts of high energy costs and other goods. The plan also proposes additional investments in infrastructure. The Senate budget plan proposes:

- \$20 billion for transportation;
- \$18 billion for climate infrastructure investments and capital outlay;
- \$2 billion in behavioral health facilities; and
- \$180 million to expand capacity and improved facilities for local food banks.

Of these categories, the Senate's \$18 billion climate infrastructure investments and capital outlay package has funding proposals of interest to IRWD. The climate proposal includes a \$6.6 billion Wildfire Package (over five years), \$3.3 billion for sea level rises (over multiple years), \$1 billion for disadvantaged communities, \$1 billion for biodiversity and outdoor access for all, and a \$7.5 billion Water and Drought Package (state and federal funds). The Senate's Water and Drought Package includes the following components:

- \$2 billion to rebalance state water supply and water rights;
- \$1.5 billion for safe drinking water;
- \$1.5 billion for improving watershed climate resilience regionally;
- \$1.5 billion Drought Resilient Water Supply grants to assist with recycling, stormwater capture, and groundwater cleanup; and
- \$1 billion for Flood Management and Dam Safety grants to improve resilience of flood management system and fund public benefit portion of dam safety projects.

Assembly Budget Plan:

On May 3, the Assembly released its budget plan. The Assembly plan cites an expected \$63 billion to \$68 billion budget surplus. This plan lists the Assembly's budget approach as:

- Protecting promises by protecting existing programs from cuts and future Gann-limit impacts;
- Investing in the future by using one-time funding and prioritizing long-term infrastructure investments rather than short-term tax relief;
- Stabilizing schools by providing the new Proposition 98 funding in easy-to-count, flexible funding streams; and
- Finishing the job by adopting the final component of CalGrant reform, fixing the child care rates impacted by transitional-kindergarten implementation, and raising CalWORKs families out of deep poverty.

The Assembly's proposed infrastructure investments include dam safety and seismic safety improvement, drought relief project funding, and continued wildfire prevention and climate change investments. In contrast with the Senate Budget Plan, few details are provided in the Assembly Budget Plan, and no proposed amounts of funding are proposed. While no additional detail is provided, the plan proposes to "expand drought funding, including water recycling and helping small farmers," and "begin needed investments in dam safety." On May 11, 2022, staff provided the Water Resources Policy and Communications (WRP) Committee with an update on the state budget process for the development of the 2022-23 Fiscal Year State Budget.

The Legislature has until June 15 to pass a balanced budget.

Staff will provide an update to the Board on the budget negotiations and the funding priorities of the Governor, the Senate and the Assembly of interest to IRWD.

2022 State Legislative Update:

[AB 2357 \(Ting, D-San Francisco\) – Surplus land:](#)

AB 2357 proposes to revise the rules related to local agencies' disposal of surplus land. The rules that govern a local agency's disposition of surplus land in California is known as the Surplus Land Act (SLA). Specifically, AB 2357 would revise the definition of "surplus land" within the Government Code and would restrict a special district's ability to dispose of land that is exempt from the SLA.

Specifically, AB 2357 would remove certain provisions IRWD negotiated for and obtained in [AB 1486 \(2019, Ting\)](#) related to a special district's disposal of "exempt surplus land" used for investment purposes or other agency use. The bill would require a special district to comply with the SLA when it is selling investment properties or property used for generation of revenue to further the special district's work or operations.

AB 2357 would also require local agencies to notify the Department of Housing and Community Development (HCD) 30 days prior to disposing of exempt surplus land. The requirement to notify HCD prior to disposing of exempt surplus land would inappropriately place HCD in the middle of land transactions that are expressly exempt from the SLA.

Because the bill has the potential to impact IRWD's investment and real property transactions, staff recommends the Board adopt an "oppose unless amended" position on AB 2357 and authorize staff to seek amendments to provisions of the SLA that apply to special districts.

[AB 2536 \(Grayson, D-Concord\) – Impact Fee Nexus Studies: Connection fees and Capacity charges:](#)

As previously reported, Assemblymember Grayson (D-Concord) has authored AB 2536, which, as introduced, would have impacted IRWD's ability to set and charge cost-of-service-based connection fees. The Board had adopted an "oppose" position on the bill and authorized staff to work to ensure that the District's ability to set cost-of-service-based connection fees was preserved. Staff worked with the District's associations and industry partners to seek amendments to AB 2536. Fortunately, the bill was amended on April 26, 2022, to remove the provisions of bill that threatened the District's ability to set cost-of-service-based connection fees.

Specifically, AB 2536 was amended to remove the proposed requirement for a local agency that imposes a fee or capacity charge to support the estimate of reasonable cost of providing service by following specified standards and practices. Those provisions were replaced with a requirement for a local agency to evaluate the amount of the fee or capacity charge prior to levying a new fee or capacity charge and include evidence to support that the fee or capacity charge does not exceed the estimated reasonable cost of providing service. The bill also requires that the information constituting the evaluation be made publicly available at least 14 days prior to an open and public meeting held in accordance with existing law for levying a new fee or service charge. IRWD's existing practices meet the bill's evaluation requirements, and staff is comfortable with making that evaluation available 14 days prior to the board meeting where the Board will consider the connection fees.

Staff recommends the Board adopt a "watch" position on AB 2536.

[AB 2811 \(Bennett, D-Santa Barbara\) – California Building Standards Commission: Recycled water and Non-potable water systems:](#)

As reported to the WRP Committee on April 7, 2022, Assemblymember Steve Bennett (D-Santa Barbara) has authored AB 2811, which would require all newly constructed nonresidential buildings of 100,000 square feet or more to be constructed with onsite reuse systems and also require dual plumbing and use of recycled water for all applicable non-potable water demands in newly constructed nonresidential buildings after January 1, 2024. The Board adopted an "oppose unless amended" position on AB 2811. The author subsequently pulled the bill from being heard by the committee and AB 2811 will not advance.

SB 1345 (Ochoa Bogh) – Excavations: Subsurface Installations:

SB 1345 revises the Dig Safe Act of 2016, and amends both operator and excavator responsibilities related to underground utilities and excavations. Most significantly, this bill would add non-pressurized sewer lines and storm drains to the definition of “subsurface installation.”

Since 1989, the “Call Before You Dig” law, later updated by the “Dig Safe Act of 2016,” has required an excavator to notify a regional notification center (commonly referred to as 811 centers because of the telephone number used to contact them) prior to planned excavations. The Act requires operators of subsurface installations to identify and mark underground infrastructure in the vicinity of a planned excavation. Subsurface installations include gas lines, electric lines, water mains, and communication cables. Non-pressurized sewer lines, non-pressurized storm drains, and other non-pressurized drain lines are exempt under current law. SB 1345 would change this.

Staff recommends the Board adopt an “oppose unless amended” position on SB 1345 and authorize staff to seek amendments to the bill that remove non-pressurized sewer lines from the definition of subsurface installation. Striking a sewer line should not be expected to be hazardous to an excavator since it is non-pressurized, and the cost to operators to mark non-pressurized sewer lines would outweigh any potential benefit to public safety.

Other 2022 State Legislative Updates:

The following bills are also of interest to IRWD.

- SB 1157 (Hertzberg, D-Van Nuys) – Indoor Residential Water Use Standard: SB 1157, as introduced, included the proposed indoor residential water use standards recommended by the Department of Water Resources (DWR). It would lower the indoor water use standard for residential water use from 52.5 gallons per capita daily (gpcd) to 47 gpcd beginning on January 1, 2025, and from 50 gpcd to 42 gpcd beginning on January 1, 2030. SB 1157 was passed by the Senate and is now in the Assembly Water, Parks and Wildlife Committee. IRWD has an “oppose unless amended” position on SB 1157, and
- ACR 180 (Bauer-Kahan, D-Orinda) – Special Districts Week: Again this year, the California Special Districts Association is sponsoring an Assembly Concurrent Resolution proclaiming Special Districts week. ACR 180, authored by Assemblymember Rebecca Bauer-Kahan (D-Orinda), would proclaim May 15-21, 2022, to be Special Districts Week. As the District has done in previous years, staff recommends the Board adopt a “support” position on the Assembly Concurrent Resolution recognizing Special Districts Week.

2022 State and Regional Regulatory Update:

Proposed Text of Conservation Provisions of Emergency Regulation:

On March 28, Governor Newsom signed an executive order (EO) requiring the State Water Resources Control Board (State Board) to consider adopting emergency regulations that require:

- Urban water suppliers to implement, at a minimum, Level 2 shortage response actions;
- A definition for “non-functional turf” and a ban on irrigation of non-functional turf in the commercial, industrial, and institutional sectors (CII) except as it may be required to ensure the health of trees and other perennial non-turf plantings; and
- Urban water suppliers to submit a preliminary annual water supply and demand assessment to DWR no later than June 1, 2022, and a final annual water supply and demand assessment no later than the existing statutory deadline.

In response to the Governor’s EO, on May 13, 2022, the State Board released a Working Staff [Proposed Text of Conservation Provisions of Emergency Regulation, that:](#)

- Requires urban water suppliers that have submitted a water shortage contingency plan to DWR to implement by June 10, 2022, at a minimum, the demand reduction actions identified in the supplier’s water shortage contingency plan for a shortage level of up to twenty percent (Level 2);
- Defines “non-functional turf” as “turf that is solely ornamental and not regularly used for human recreational purposes or for civic or community events that does not include sports fields and turf that is regularly used for human recreational purposes or for civic or community events;”
- Prohibits the use of potable water for the irrigation of non-functional turf at CII sites, except to the extent necessary to ensure the health of trees and other perennial non-turf plantings or to the extent necessary to address an immediate health and safety needs;
- Defines CII to include homeowners’ associations, common interest developments, community service organizations, and other similar entities, but does not include the residences of these entities’ members or separate interests; and
- Requires urban water suppliers to submit a preliminary annual water supply and demand assessment to DWR no later than June 1, 2022, and a final water supply and demand assessment no later than the deadline set in existing law.

On April 21, 2022, staff participated in a State Board public webinar that provided an overview of the draft proposed regulation. The State Board will consider adoption of the emergency regulation on May 24, 2022.

Advanced Clean Fleets Regulation Proposed Draft Regulation Language:

The [Advanced Clean Fleets Regulation](#) would, starting in 2024, require medium- and heavy-duty vehicles purchased for state and local government fleets to be zero-emissions vehicles (ZEVs). This regulation has been in development since the beginning of 2020. In advance of a May 4, 2022, public workshop, the California Air Resources Board (CARB) released revised “Proposed Draft Regulation Language for the Public Fleets Requirements of the Advanced Clean Fleets Regulation.”

As was the case with the previous version of the draft regulation language, the latest version of the proposed draft regulation requires 50 percent of public agency medium- and heavy-duty

purchases to be ZEVs starting on January 1, 2024, and 100 percent starting on January 1, 2027, unless a limited exception applies. The regulations do allow, until January 1, 2035, plug-in hybrid vehicles (NZEVs) to be purchased in lieu of ZEVs if no new ZEVs are available.

IRWD staff has worked to ensure that this regulation will not compromise the District's ability to provide the essential public services for which the District is responsible. Of specific interest has been ensuring that the regulation only requires a ZEV to be purchased when a ZEV that meets the agency's requirements for that vehicle is commercially available, that the regulation appropriately reflects the emergency response needs for vehicles in the fleets of providers of essential public services, and that considerations of the availability of sufficient electrical infrastructure are reflected in the regulation. The latest proposed draft regulation includes some of these provisions.

Other 2022 Regulation Updates:

The following is a list of some of the State regulations and agency reports staff is 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. The pending regulations, administrative actions and reports actively being tracked include the:

- Executive and regulatory actions on COVID-19;
- Executive and regulatory actions related to the drought;
- California Air Resources Board (CARB) [AB 32 Climate Change Scoping Plan Update](#);
- CARB's [Proposed Advanced Clean Fleets Regulation](#);
- CARB In-use Off-road Diesel-Fueled Fleets Regulation Amendments;
- California Fish and Wildlife California Endanger Species Act Petition for the steelhead;
- California Natural Resources Agency (CNRA) [30 x 30 California Implementation](#);
- CNRA's [Water Resilience Portfolio Implementation](#);
- DWR's 2023 California Water Plan Update;
- DWR and the State Board's implementation of the "[Making Water Conservation a California Way of Life](#)" legislation;
 - DWR and the State Board's Indoor Water Use Study and Indoor Water Use Standard Recommendations;
 - DWR's Outdoor Standard Recommendations;
 - DWR's Work Group on CII performance measures; and
 - State Board's [Water Loss Performance Standards Regulations](#);
- State Board's development of a "Cross Connection Policy Handbook;"
- State Board's Direct Potable Reuse regulations;
- State Board's actions on lead service lines;

- State Board's Draft Statewide Sanitary Sewer System General Order;
- State Board's [Safe and Affordable Funding for Equity and Resilience \(SAFER\) Drinking Water Program](#);
- South Coast AQMD's [PR 403.2 – Fugitive Dust from Road Construction Projects](#); and
- South Coast AQMD's [Cumulative Impacts from Air Toxics for CEQA Projects](#).

2022 Federal Legislative and Regulatory Update:

IRWD's federal advocacy efforts in 2022 continue to largely focus on seeking federal funding for the Kern Fan Groundwater Storage Project and advocating for an increased funding authorization for the federal Water Storage Program.

The most current IRWD 2022 Legislative Tracking Matrix is provided as Exhibit "A".

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on May 11, 2022.

RECOMMENDATION:

THAT THE BOARD ADOPT AN "OPPOSE UNLESS AMENDED" POSITION ON AB 2357 (TING) AND SB 1345 (OCHOA BOGH), A "WATCH" POSITION ON AB 2536 (GRAYSON), AND A "SUPPORT" POSITION ON ACR 180 (BAUER-KAHAN).

LIST OF EXHIBITS:

Exhibit "A" – IRWD Legislative Matrix

EXHIBIT “A”
IRWD 2022 LEGISLATIVE MATRIX
Updated 05/18/2022

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 1</u> Garcia (D)	Hazardous Waste		Creates the Board of Environmental Safety in the California Environmental Protection Agency. Provides requirements for the membership of the board and requires the board to conduct no less than 6 public meetings per year. Provides for the duties of the board, which would include, among others, reviewing specified policies, processes, and programs within the hazardous waste control laws.	06/09/2021 - To SENATE Committees on ENVIRONMENTAL QUALITY and JUDICIARY.
<u>AB 84</u> Budget Cmt	COVID 19: Supplemental Paid Sick Leave		Provides for COVID 19 supplemental paid sick leave for covered employees who are unable to work or telework due to certain reasons related to COVID 19, including that the employee is attending a COVID 19 vaccine or vaccine booster appointment for themselves or a family member, or is experiencing symptoms, or caring for a family member experiencing symptoms, related to a COVID 19 vaccine or vaccine booster. Entitles a covered employee to a specified number of hours of COVID 19 supplemental paid sick leave.	02/09/2022 - Re-referred to SENATE Committee on BUDGET AND FISCAL REVIEW.
<u>AB 252</u> Rivas R (D)	Multibenefit Land Repurposing Incentive Program		Establish the Multibenefit Land Repurposing Program, for purposes of assisting groundwater sustainability agencies in critically overdrafted basins achieve their groundwater sustainability goal by providing grants to public and private entities for projects and programs that reduce groundwater use by converting irrigated agricultural land to new uses that both reduce groundwater demand or use and provide some other measurable benefits to the environment or broader community.	09/07/2021 - In SENATE. From third reading. To Inactive File.
<u>AB 284</u> Rivas R (D)	Global Warming Solutions Act of 2006: Climate Goal		Requires the state board, as part of the next scoping plan update, in collaboration with the Natural Resources Agency and other relevant state agencies and departments and no later than a specified date, to identify a 2045 climate goal, with interim milestones, for the state's natural and working lands, as defined, and to integrate into the scoping plan update recommendations	09/02/2021 - In SENATE. From third reading. To Inactive File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			developed by the Natural Resources Agency and the Department of Food and Agriculture.	
<u>AB 343</u> Fong (R)	California Public Records Act Ombudsperson		Establishes, within the California State Auditor's Office, the California Public Records Act Ombudsperson. Requires the California State Auditor to appoint the Ombudsperson subject to certain requirements. Requires the Ombudsperson to receive and investigate requests for review, determine whether the denials of original requests complied with the California Public Records Act, and issue written opinions of its determination.	06/09/2021 - To SENATE Committees on JUDICIARY and GOVERNMENTAL ORGANIZATION.
<u>AB 350</u> Villapudua (D)	Cannella Environmental Farming Act of 1995		Requires the Department of Food and Agriculture to establish and administer a 3-year grant program to fund technical assistance to support landowners located in a critically overdrafted basin, as defined, in reaching water use reduction goals established pursuant to the Sustainable Groundwater Management Act. Authorizes the department to use specified guidelines to administer this program.	09/02/2021 - In SENATE. From third reading. To Inactive File.
<u>AB 363</u> Medina (D)	Carl Moyer Air Quality Standards Attainment Program		Requires the state board to establish or update grant criteria and guidelines for covered vehicle and infrastructure projects as soon as practicable, but not later than July 1, 2017. The state board's program guidelines describe the minimum criteria and requirements for on-road heavy-duty vehicles and the types of projects that can be incentivized to provide surplus emissions reductions from on-road heavy-duty vehicles through contracts or through the On-Road Heavy-Duty Voucher Incentive Program (VIP).	07/13/2021 - In SENATE Committee on TRANSPORTATION: Not heard.
<u>AB 386</u> Cooper (D)	Public Employees Retirement: Investments: Confidential		Exempts from disclosure under the California Public Records Act specified records regarding an internally managed private loan made directly by the Public Employees' Retirement Fund. Provides that these records would include quarterly and annual financial statements of the borrower or its constituent owners, unless the information has already been publicly released by the keeper of the	07/13/2021 - In SENATE Committee on JUDICIARY: Failed passage.;07/13/2021 - In SENATE Committee on JUDICIARY: Reconsideration granted.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			information. Prescribes specified exceptions to this exemption from disclosure.	
<u>AB 404</u> Salas (D)	Workers' Compensation: Medical-Legal Expenses		Relates to Workers compensation. Requires that the medical-legal fee schedule be reviewed, and updated if necessary, to increase the conversion factor by the percentage increase in the most recent federal Medicare Economic Index.	08/26/2021 - In SENATE Committee on APPROPRIATIONS. Held in committee and made a Two-year bill.
<u>AB 649</u> Bennett (D)	Department of Resources Recycling and Recovery		Establishes the Office of Environmental Justice and Tribal Relations within the department. Prescribes the duties of the office, including, among others, ensuring that the department's programs effectively address the needs of disadvantaged communities, low-income communities, California Native American tribes, and farmworkers.	05/04/2022 - To SENATE Committee on ENVIRONMENTAL QUALITY.
<u>AB 732</u> Quirk (D)	Mercury-Added Thermostats		Deletes the requirement that the department determine whether a manufacturer, or group of manufacturers, has made a good faith effort to comply with the act, but would continue to subject the thermostats of a manufacturer that fails to obtain department approval of the plan or to make a required payment to a sales ban. Requires each manufacturer, or group of manufacturers, to automatically provide collection bins for out-of-service mercury-added thermostats to a thermostat wholesaler in the state.	05/11/2022 - From SENATE Committee on ENVIRONMENTAL QUALITY with author's amendments.;05/11/2022 - In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.
<u>AB 753</u> Grayson (D)	Barry Keene Underground Storage Tank Cleanup Trust Fund		Authorizes eligible owners and operators of underground storage tanks containing petroleum to file claims with the state board for reimbursement from the fund of corrective action costs, as provided, incurred to address releases of petroleum from these tanks.	08/26/2021 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<u>AB 754</u> Mathis (R)	Sustainable Groundwater Management		Authorizes the Department of Water Resources to extend the deadline for a high- or medium-priority basin not subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated plans upon request of a local	07/12/2021 - In SENATE Committee on NATURAL RESOURCES AND WATER: Failed passage.;07/12/2021 - In SENATE Committee on NATURAL

IRWD 2022 LEGISLATIVE MATRIX
Updated 05/18/2022

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			agency or groundwater sustainability agency in the basin for an extension of a specified period of time.	RESOURCES AND WATER: Reconsideration granted.
<u>AB 897</u> Mullin (D)	Office of Planning and Research: Regional Climate		Authorizes eligible entities, as defined, to establish and participate in a regional climate network, as defined. Requires the office, through the program, to encourage the inclusion of eligible entities with land use planning and hazard mitigation planning authority into regional climate networks. Authorizes a regional climate network to engage in activities to address climate change, as specified.	08/26/2021 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<u>AB 975</u> Rivas (D)	Filing Requirements and Gifts		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, as specified, without a two-year waiting period. Permits a filing officer to retain a report or statement as an electronic copy before the Secretary of State certifies an online filing and disclosure system.	05/05/2022 - From SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS with author's amendments.;05/05/2022 - In SENATE. Read second time and amended. Re-referred to Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS.
<u>AB 1001</u> Garcia (D)	Mitigation Measures for Air and Water Quality Impacts	WATCH	Requires mitigation measures, identified in an environmental impact report or mitigated negative declaration to mitigate the adverse effects of a project on air quality of a disadvantaged community, to include measures for avoiding, minimizing, or otherwise mitigating for the adverse effects on that community. Requires mitigation measures to include measures conducted at the project site that avoid or minimize to less than significant the adverse effects on the air quality of a disadvantaged community.	05/04/2022 - Re-referred to SENATE Committee on ENVIRONMENTAL QUALITY.
<u>AB 1017</u> Quirk-Silva (D)	Public Restrooms: Right to Restrooms Act of 2021		Requires each local government, as defined, to complete an inventory of public restrooms owned and maintained by the local government, either directly or by contract, that are available to the general population in its jurisdiction. Requires each local government to make its inventory available to agencies and service	08/26/2021 - In SENATE Committee on APPROPRIATIONS: Held in committee.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			providers that work directly with homeless populations within the local government' s jurisdiction and, with certain exceptions, to make the inventory available on its internet website.	
<u>AB 1041</u> Wicks (D)	Leave Issues		Expands the population that an employee can take leave to care for to include a designated person. Defines "designated person" to mean a person identified by the employee at the time the employee requests family care and medical leave. Authorizes an employer to limit designation of a person, as prescribed.	09/09/2021 - In SENATE. To Inactive File.
<u>AB 1086</u> Aguiar-Curry (D)	Organic Waste: Implementation Strategy		Requests that the State Council on Science and Technology, in consultation with its academic and research partners and specified state agencies undertake and, within specified months of entering into a contract, complete a report that provides an implementation strategy to achieve the state's organic waste, and related climate change and air quality, mandates, goals, and targets. Requires the council to provide the report to the relevant state agencies after peer review.	08/26/2021 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<u>AB 1164</u> Flora (R)	Dams and Reservoirs: Exclusions		Specifies that the exclusion from being considered a dam for a barrier that is not across a stream channel, watercourse, or natural drainage area and that has the principal purpose of impounding water for agricultural use applies only to a barrier owned or operated by a private entity. Provides that the structure is no greater than 20 feet in height, as measured from the lowest adjacent native ground elevation to the maximum achievable water surface impounded by the structure.	06/03/2021 - To SENATE Committee on NATURAL RESOURCES AND WATER.
<u>AB 1195</u> Garcia (D)	Drinking Water		Prohibits a public water system from transferring or abandoning a water right held by the public water system except upon approval of the state board.	06/17/2021 - In SENATE. Rescinds referral to Committee on NATURAL RESOURCES due to limitations concerning COVID-19 virus.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 1384</u> Gabriel (D)	Resiliency Through Adaptation, Economic Vitality		Requires the agency to also coordinate with the Office of Planning and Research and identify, among other things, vulnerabilities to climate change for vulnerable communities, an operational definition of "climate resilience" for each sector and for vulnerable communities, special protections of vulnerable communities and industries that are disproportionately impacted by climate change, opportunities to improve policy and budget coordination across jurisdictions, and timetables and specific metrics.	04/19/2022 - In SENATE. Read second time. To third reading.
<u>AB 1395</u> Muratsuchi (D)	The State Climate Crisis Act		Declares the policy of the state both to achieve net zero greenhouse gas emissions as soon as possible, but no later than a specified year, and achieve and maintain net negative greenhouse gas emissions thereafter, and to ensure that by a specified year, statewide anthropogenic greenhouse gas emissions are reduced to at least 90% below the 1990 levels.	09/10/2021 - In SENATE. Read third time. Failed to pass SENATE.;09/10/2021 - In SENATE. Motion to reconsider.;09/10/2021 - In SENATE. Reconsideration granted.;09/10/2021 - In SENATE. From third reading. To Inactive File.
<u>AB 1431</u> Frazier (D)	Forestry: Forest Carbon and Resilience Goals		Establishes state goals for fuels treatment, vegetation management, and wildfire risk reduction, including, but not limited to, increasing vegetation management on nonfederal lands and urging the federal government to increase vegetation management on federal lands, as provided, and increasing the pace and scale of home hardening efforts to harden at least 100,000 existing homes per year by 2025.	08/26/2021 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<u>AB 1604</u> Holden (D)	The Upward Mobility Act of 2022: Boards and Commissions		Requires that, on or after specified date, all state boards and commissions consisting of one or more volunteer members have at least one board member or commissioner from an underrepresented community. Defines the term board member or commissioner from an underrepresented community. Authorizes the Department of Human Resource, at the direction of and in conjunction with the State Personnel Board, to conduct audits and investigations of personnel practices of other departments and appointing authorities.	04/06/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 1610</u> Lackey (R)	State Mandates: Claims		Provides that no claim for reimbursement by a local government or school district for a state-mandated cost shall be made or paid unless it exceeds \$800.	01/14/2022 - To ASSEMBLY Committee on LOCAL GOVERNMENT.
<u>AB 1640</u> Ward (D)	Regional Climate Adaptation and Resilience Action Plans		Requires the office, through the program, to encourage the inclusion of eligible entities with land use planning and hazard mitigation planning authority into regional climate networks. Authorizes a regional climate network to develop a regional climate adaptation and resilience action plan.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 1642</u> Salas (D)	California Environmental Quality Act: Water System Well		Requires a lead agency, before determining that a well project is exempt from California Environmental Quality Act pursuant to these provisions, to contact the state board to determine whether claiming the exemption will affect the ability of the well project to receive federal financial assistance or federally capitalized financial assistance.	05/05/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 1651</u> Kalra (D)	Worker Rights: Workplace Technology Accountability Act		Relates to impose various duties on employers and their vendors regarding the ability to collect and use worker data, as defined. Relates to confer the right to workers to know, review, correct, and secure data collected from them by their employer and would limit the ability of an employer to use that data beyond specified purposes.	04/20/2022 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT: Do pass to Committee on PRIVACY AND CONSUMER PROTECTION.
<u>AB 1687</u> Seyarto (R)	California Emergency Services Act: Governor's Powers		Provides that the Governor may only suspend a statute or regulation during a state of emergency or state of war emergency in connection with the specific conditions of emergency proclaimed by the Governor or state of war emergency, as applicable.	05/11/2022 - To SENATE Committee on GOVERNMENTAL ORGANIZATION.
<u>AB 1711</u> Seyarto (R)	Privacy: Breach		Requires an agency to post a notice on the agency's internet website when a person or business operating a system on behalf of the agency is required to issue a security breach notification for that system.	05/12/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.

IRWD 2022 LEGISLATIVE MATRIX
Updated 05/18/2022

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 1717</u> Aguiar-Curry (D)	Public Works: Definition		Expands the definition of public works, for purposes of requirements regarding the payment of prevailing wages, to include fuel reduction work paid for in whole or in part out of public funds performed as part of a fire mitigation project.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1721</u> Rodriguez (D)	California Emergency Services Act: Mutual Aid		Establishes a Local Resilience, Emergency Preparedness, and Mutual Aid Fund to, upon appropriation by the Legislature, support staffing, planning, emergency mitigation priorities, and enhancing mutual aid to help local governments meet emergency management, preparedness, readiness, and resilience goals. Requires the Controller, upon appropriation by the Legislature, to transfer specified amount annually to the fund.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1724</u> Stone (D)	State Owned Washing Machines: Microfiber Filtration		Requires all state owned washing machines to contain a microfiber filtration system. system with a mesh size of 100 microns or smaller.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1725</u> Smith T (R)	Illegal Cultivation of Cannabis		Amends the Control, Regulate and Tax Adult Use of Marijuana Act (AUMA) to make it a felony, punishable by a certain amount of time in county jail, for a person over 18 years of age to plant, cultivate, harvest, dry, or process more than six living cannabis plants. Makes it a felony, punishable by a certain amount of time in county jail, for a person at least 18 years of age but less than 21 years of age to plant, cultivate, harvest, dry, or process less than six living cannabis plants.	03/15/2022 - In ASSEMBLY Committee on PUBLIC SAFETY: Not heard.
<u>AB 1727</u> Medina (D)	Public Works: Fees: Small Business		Reduces the application and annual renewal fee for a small business, as defined, to specified amount. Prohibits the application and renewal fee for a contractor or subcontractor that does not qualify as a small business from being increased to support the above-described fee decrease.	03/21/2022 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT with author's amendments.;03/21/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LABOR AND EMPLOYMENT.

IRWD 2022 LEGISLATIVE MATRIX
Updated 05/18/2022

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 1733</u> Quirk (D)	State Bodies: Open Meetings		Specify that a meeting under the Bagley-Keene Open Meeting Act, includes a meeting held entirely by teleconference. Requires all open meetings to be held by teleconference, would allow for use of teleconference in closed sessions, and would remove existing provisions of the act that require each teleconference location to be identified in the notice and agenda and accessible to the public.	02/18/2022 - To ASSEMBLY Committee on GOVERNMENTAL ORGANIZATION and BUSINESS AND PROFESSIONS.
<u>AB 1747</u> Quirk (D)	Contractors: Disciplinary Action		Provides that the list of violations that constitute cause for a disciplinary action by the Contractors State License Board includes a willful or deliberate disregard of any state or local law relating to the issuance of building permits, and would authorize a civil penalty not to exceed \$30,000 for any violation included on that list.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1748</u> Seyarto (R)	Exempt Surplus Land: Regional Housing Need		Adds to the definition of exempt surplus land, surplus land that is zoned for a density of up to 30 residential units, if residential properties within a radius of 500 feet of the site are zoned to have an allowable density of fewer than 30 dwelling units per acre and the most recent annual progress report, as described.	04/27/2022 - In ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Failed passage.
<u>AB 1749</u> Garcia (D)	Community Air Protection Blueprint: Toxic Air		Requires the state board to identify in each statewide strategy update measures to reduce criteria air pollutants and toxic air contaminants. Authorizes an air district that is required to adopt a community emissions reduction program to take up to one additional year to adopt the program, if the community steering committee agrees.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1751</u> Daly (D)	Workers' Compensation: COVID-19: Critical Workers		Extends specified workers' compensation provisions relating to COVID-19 until January 1, 2025.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1754</u> Chen (R)	Debt Collection Licensing Act: Collection Agencies		Revises the definition of a collection agency to additionally include a business entity that acts as a broker, forwarder, intermediary, or middleman that sends or refers repossession assignments or	02/10/2022 - To ASSEMBLY Committee on BANKING AND FINANCE.

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			repossession orders to repossession agencies or repossession agents in California.	
<u>AB 1757</u> Haney (D)	Groundwater Sustainability Agency		Authorizes a conservation district overlying a groundwater basin in this state to decide to become a groundwater sustainability agency for that basin and would make the law governing the formation of a groundwater sustainability agency applicable to that district.	05/12/2022 - In ASSEMBLY. Read second time. To Consent Calendar.
<u>AB 1761</u> Voepel (R)	Employment: Flexible Work Schedules		Enacts the Workplace Flexibility Act of 2022. Permits an individual nonexempt employee to request an employee-selected flexible work schedule providing for workdays up to 10 hours per day within a 40-hour workweek, and would allow an employer to implement this schedule without the obligation to pay overtime compensation for those additional hours in a workday, except as specified.	02/10/2022 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
<u>AB 1774</u> Seyarto (R)	California Environmental Quality Act: Water Conveyance		Requires the Judicial Council to adopt rules of court applicable to actions or proceedings brought to attack, review, set aside, void, or annul the certification or adoption of an environmental impact report for water conveyance or storage projects, or the granting of project approvals, including any appeals to the court of appeal or the Supreme Court, to be resolved, to the extent feasible, within 270 days of the filing of the certified record of proceedings with the court.	02/10/2022 - To ASSEMBLY Committees on NATURAL RESOURCES and JUDICIARY.
<u>AB 1780</u> Chen (R)	Electronic Transmissions by Corporations		Relates to law that sets forth requirements for the governance of various business entities, including corporations, partnerships, and limited liability companies. Relates to law that authorizes certain transactions and communications to and from these business entities to be conducted by electronic transmission under certain conditions. Removes requirement that the recipient has provided an unrevoked consent, would revise the definition of electronic transmission by the corporation.	05/04/2022 - To SENATE Committees on BANKING AND FINANCIAL INSTITUTIONS and JUDICIARY.

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<u>AB 1783</u> Levine (D)	Lobbying: Administrative Actions		Expands the definition of "administrative action" under the Political Reform Act of 1974 to include any decision or approval by the Insurance Commissioner or the Director of the Department of Managed Health Care under these provisions.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1784</u> Smith T (R)	Water Quality, Supply, and Infrastructure Improvement		Makes nonsubstantive changes to provisions of the Water Quality, Supply, and Infrastructure Improvement Act of 2014 pertaining to groundwater sustainability projects.	02/03/2022 - INTRODUCED.
<u>AB 1793</u> Quirk (D)	Hazardous Waste: Identification: Testing		Requires the Department of Toxic Substances Control, subject to an appropriation by the Legislature, to, within five years of the appropriation, review its acute toxicity criteria and guidelines for the identification of hazardous wastes and extremely hazardous wastes and evaluate whether or not there are any alternative test methods or calculation-based methods that avoid the use of live vertebrate fish and that meet the requirements of the hazardous waste control laws.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1795</u> Fong (R)	Open Meetings: Remote Participation		Requires state bodies, subject to existing exceptions, to provide all persons the ability to participate both in-person and remotely, as defined, in any meeting and to address the body remotely.	02/18/2022 - To ASSEMBLY Committee on GOVERNMENTAL ORGANIZATION.
<u>AB 1799</u> Gallagher (R)	Enforcement of Money Judgments: Exemptions		Relates to existing law that identifies various types of property of a judgment debtor that are exempt from the enforcement of a money judgment, including material that in good faith is about to be applied to the repair or improvement of a residence. Clarifies that this exemption would apply to the judgment debtor's principal place of residence or domicile.	02/18/2022 - To ASSEMBLY Committee on JUDICIARY.
<u>AB 1811</u> Fong M (D)	Delta Plan: Multispecies Conservation Plan		Establishes the Delta Stewardship Council, which is required to develop, adopt, and commence implementation of a comprehensive management plan for the Delta, known as the Delta Plan, by a specified date. Requires the council to consider for inclusion in the Delta Plan the Bay Delta Conservation Plan (BDCP), a	05/12/2022 - In ASSEMBLY. Read second time. To third reading.

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			multispecies conservation plan, and requires the BDCP to meet certain requirements in order to be incorporated into the Delta Plan.	
<u>AB 1817</u> Ting (D)	Product Safety: Textile Articles: PFAS		Requires a manufacturer of a textile article that contains regulated PFAS to provide persons that offer the product for sale or distribution in the state with a certificate of compliance stating that the textile article is in compliance with these provisions and does not contain any regulated PFAS.	05/09/2022 - In ASSEMBLY. Read third time and amended. To third reading.
<u>AB 1824</u> Public Employment and Retirement Cmt	Public Employees' Retirement		Revises the description of trustee service under the State Teachers' Retirement Law to link it to the definition of this service, which means duties performed by a member of the governing body of an employer. Specifies that termination of services does not include retired member activities, as defined, or retired participant activities, as defined. Makes Cash Balance Benefit Program.	05/04/2022 - To SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT.
<u>AB 1845</u> Calderon (D)	Metropolitan Water District of Southern California		Authorizes the Metropolitan Water District of Southern California to use the design-build procurement process for certain regional recycled water projects or other water infrastructure projects. Defines "design-build" to mean a project delivery process in which both the design and construction of a project are procured from a single entity. Requires the district to use a specified design-build procedure to assign contracts for the design and construction of a project, as defined.	04/26/2022 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Do pass to Committee on APPROPRIATIONS.
<u>AB 1851</u> Rivas R (D)	Public Works: Prevailing Wage: Hauling		Expands the definition of public works for those purposes to include the on hauling of materials used for paving, grading, and fill onto a public works site. Imposes state-mandated local program. Relates to the requirement for the state to reimburse local agencies and school districts for certain costs mandated by the state. Provides that no reimbursement is required by this act for a specified reason.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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<u>AB 1857</u> Garcia (D)	Solid Waste		Relates to existing law which requires the Department of Resources Recycling and Recovery and local agencies to maximize the use of all feasible source reduction, recycling, and composting options in order to reduce the amount of solid waste that must be disposed of by transformation and land disposal. Requires the department to certify that a local agency is in compliance with that requirement before approving a permit for a new transformation, EMSW, or land disposal facility serving the local agency.	05/04/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1865</u> Bennett (D)	Court Fee Waiver: Water Rights Cases		Requires a court to initially grant permission to proceed without paying court fees and costs to a person who was joined or countersued in a case involving a water right held by the person.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1879</u> Mathis (R)	Water Quality Control Boards Frivolous Complaints		Authorizes a regional board to develop a plan or policy to address unfounded, as defined, or frivolous, as defined, complaints.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1883</u> Quirk-Silva (D)	Public Restrooms		Requires each local government, as defined, to complete an inventory of public restrooms owned and maintained by the local government, either directly or by contract, that are available to the general population in its jurisdiction. Requires local governments to report their findings to the State Department of Public Health, which would be required to compile the information and to make the inventory available in a searchable database on its internet website. Requires the database to be updated quarterly.	04/27/2022 - From ASSEMBLY Committee on LOCAL GOVERNMENT: Do pass to Committee on APPROPRIATIONS.
<u>AB 1886</u> Cooper (D)	Public Works: Definition		Expands the definition of public works to include street sweeping maintenance performed for the preservation, protection, and keeping of any publicly owned or publicly operated street, road, or highway done under contract and paid for in whole or in part out of public funds.	04/07/2022 - In ASSEMBLY. Read second time. To third reading.
<u>AB 1906</u> Stone (D)	Voluntary Stream Restoration: Property Owner Liability		Relates to existing law which requires a qualifying state agency that funds a project to restore fish and wildlife habitats to indemnify and hold harmless a real property owner who voluntarily	05/05/2022 - In ASSEMBLY. Read third time, urgency clause adopted.

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			allows their real property to be used for the project from civil liability for property damage or personal injury resulting from the project. Deletes the requirement that costs be submitted as a claim by the real property owner to the Department of General Services.	Passed ASSEMBLY. *****To SENATE.
<u>AB 1910</u> Garcia (D)	Publicly Owned Golf Courses: Conversion: Housing		Requires the Department of Housing and Community Development to administer a program to provide incentives in the form of grants to local agencies that enter into a development agreement to convert a golf course owned by the local agency into housing and publicly accessible open space, as specified. Requires the department to award funding in accordance with the number of affordable units a local agency proposes to construct.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1933</u> Friedman (D)	Property Taxation: Welfare Exemption: Nonprofit		Relates to welfare exemption for property used exclusively for religious, hospital, scientific, or charitable purposes and that is owned or operated by certain types of nonprofit entities, if certain criteria are met. Requires a nonprofit corporation claiming the exemption to sign under penalty of perjury an affidavit affirming to the county assessor that the property owned and operated by the nonprofit corporation is for the future construction of single or multifamily residential units on that property.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 1944</u> Lee (D)	Local Government: Open and Public Meetings		Requires an updated agenda reflecting all of the members participating in the meeting remotely to be posted, if a member of the legislative body elects to participate in the meeting remotely after the agenda is posted. Authorizes a member to be exempt from identifying the address of the member's teleconference location in the notice and agenda or having the location be accessible to the public.	05/05/2022 - In ASSEMBLY. Read second time. To third reading.
<u>AB 1949</u> Low (D)	Employees: Bereavement Leave		Grants specified permanent employees of the state up to 3 days of bereavement leave, with up to 2 additional days of bereavement leave upon request if the death is out of state. Recast those provisions to specify that the first 3 days of bereavement leave are	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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			to be paid leave, and to remove the condition that the death be out of state for the additional 2 days.	
<u>AB 1953</u> Maienschein (D)	Drinking Water: Accessible Water Bottle Refill Stations		Requires, by specified date, the owner or operator of a transit hub, local park, public building, publicly owned building, shopping mall, or municipal golf course that has a water infrastructure source to install and maintain at least one, or maintain at least one existing, accessible water bottle refill station, as prescribed and except as specified.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 1956</u> Mathis (R)	Solid Waste: Woody Biomass: Collection and Conversion		Creates a 5-year woody biomass rural county collection and disposal pilot program, to be administered by the Department of Resources Recycling and Recovery. Requires a county awarded funding under the program to contract with a local compost facility, mulch production facility, or biomass conversion facility to collect and to process or convert the biomass in a way that results in less greenhouse gas emitted than if the biomass had been disposed of.	05/04/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 1980</u> Irwin (D)	Statute of Limitation: Ransomware		Relates to the statute of limitation and ransomware. Requires prosecution for that offense to commence within 3 years after the person is initially identified by law enforcement as a suspect in the commission of that offense, as specified.	03/15/2022 - In ASSEMBLY Committee on PUBLIC SAFETY: Not heard.
<u>AB 1985</u> Rivas R (D)	Organic Waste: List: Available Products		Requires the State Air Resources Board to compile and maintain on its internet website a list, organized by ZIP Code, of information regarding persons or entities that produce and have available in the state organic waste products and update the list at least every 6 months.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 1993</u> Wicks (D)	Employment: COVID-19 Vaccination Requirements		Requires an employer to require each person who is an employee or independent contractor, and who is eligible to receive the COVID-19 vaccine, to show proof to the employer, or an authorized agent thereof, that the person has been vaccinated against COVID-19. Establishes an exception from this vaccination requirement for a	04/18/2022 - In ASSEMBLY. Coauthors revised.

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			person who is ineligible to receive a COVID-19 vaccine due to a medical condition or disability or because of a sincerely held religious belief, as specified.	
<u>AB 1996</u> Cooley (D)	State Government: Administrative Regulations: Review		Requires each state agency to, on or before January 1, 2026, review that agency's regulations, identify any regulations that are duplicative, overlapping, inconsistent, or out of date, to revise those identified regulations, as provided, and report to the Legislature and Governor, as specified. Repeals these provisions on January 1, 2027.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 2005</u> Valladares (R)	Forestry: Wildfire and Forest Resilience Action Plan		Relates to existing law that requires the Wildfire and Forest Resilience Task Force, on or before January 1, 2023, and annually thereafter until January 1, 2048, to submit a report containing specified information, including progress made in achieving the goals and key actions identified in the action plan, to the appropriate policy and budget committees of the Legislature. Extends the time period for the submission of the annual report to January 1, 2049.	02/24/2022 - To ASSEMBLY Committee on NATURAL RESOURCES.
<u>AB 2016</u> Bauer-Kahan (D)	State Water Resources Control Board: Desalination Plant		Repeals certain provisions of law that requires the Department of Water Resources to report to the Legislature on potential opportunities and impediments for using seawater and brackish water desalination, and to examine what role, if any, the state should play in furthering the use of desalination technology. Requests the California Council on Science and Technology, in consultation with the department, to undertake and complete a comprehensive feasibility study.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 2041</u> Garcia E (D)	California Safe Drinking Water Act		Requires the State Water Resources Control Board to determine which public water system may not be able to comply with the primary drinking water standard without receiving financial assistance and develop a compliance plan, including a financial	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.

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			plan to assist that public water system in complying with the primary drinking water standard.	
<u>AB 2054</u> Quirk-Silva (D)	Corporation Taxes: Mutual Water Companies		Requires the California Association of Mutual Water Companies Joint Powers Risk and Insurance Management Authority, commencing specified date, to conduct outreach to eligible mutual ditch or irrigation companies regarding the potential repeal of the exemption. Authorizes the Franchise Tax Board to request additional information necessary to ensure the accuracy of a certification and would require the Franchise Tax Board to develop necessary forms and schedules to implement the certification requirement.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2059</u> Carrillo (D)	Hazardous Materials Business and Area Plans		Narrows the definition of consumer product to require that the commodity be present in the same form, concentration, and quantity as a product prepackaged for distribution to a consumer for personal, family, or household purposes, instead of for use by the general public, and by otherwise narrowing the exemption for consumer products from regulation of hazardous materials, as provided.	05/04/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2061</u> Ting (D)	Transportation Electrification: Electric Vehicle Charge		Requires an entity that receives an incentive funded by a state agency or through a charge on ratepayers to install, own, or operate a charging station, in whole or in part, to report charging station uptime, as defined, to the Energy Commission. Requires the Energy Commission, as part of the assessment of the investment plan for the Clean Transportation Program, to assess the uptime of public- and ratepayer-funded charging station infrastructure.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2063</u> Berman (D)	Density Bonuses: Affordable Housing Impact Fees		Prohibits affordable housing impact fees, including inclusionary zoning fees and in-lieu fees, from being imposed on a housing development' s density bonus units, unless the city, county, or city and county has adopted a local density bonus ordinance or established a local housing program on or before specified date,	04/21/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

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			that allows for a density bonus of at least 50% for any for-sale or rental housing development containing restricted affordable units.	
<u>AB 2075</u> Ting (D)	Energy: Electric Vehicle Charging Standards		Specifies the State Energy Resources Conservation and Development Commission (Energy Commission) is an interested party that the California Building Standards Commission and the Department of Housing and Community Development are required to consult with in proposing and adopting those standards.	05/12/2022 - In ASSEMBLY. Read second time. To third reading.
<u>AB 2076</u> Rivas (D)	Extreme Heat and Community Resilience Program		Requires the Department of Public Health to establish and maintain the Extreme Heat and Health Reporting System, a syndromic surveillance system, to receive notice and data from local health departments, clinics, emergency rooms, hospitals, and other sources on illnesses, including emergency room visits, and deaths resulting from exposure to extreme heat, as specified.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 2078</u> Flora (R)	Atmospheric Rivers: Research, Mitigation, and Climate	SUPPORT	Renames the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program in the Department of Water Resources to the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency (AR/FIRO) Program.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.;04/27/2022 - In ASSEMBLY. Coauthors revised.
<u>AB 2088</u> Cooper (D)	California Pilot Paid Internship Program		Establishes California Pilot Paid Internship Program in the Department of Education to help prepare thousands of pupils for high-skill jobs of the future in engineering, health care, mathematics, manufacturing, science, teaching, and technology. Appropriates a specified amount from the General Fund to the department to provide technical assistance to, and allocate grant funds to, school districts, charter schools, and county offices of education that establish or expand existing local internship programs.	04/06/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.

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<u>AB 2106</u> Rivas R (D)	Water Quality: Permits		Requires the State Water Resources Control Board the to modernize its Stormwater Multiple Application and Report Tracking System (SMARTS) database through specified actions.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2108</u> Rivas R (D)	Disadvantaged and Tribal Community Representation		Requires that one of the persons appointed by the Governor to the state board be qualified in the field of water supply and water quality relating to disadvantaged or tribal communities and not be the same member as the member appointed who is qualified in the field of water supply and water quality relating to irrigated agriculture.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2110</u> Flora (R)	Alternative Workweek Schedule: Election Results: Report		Requires a report concerning elections for alternative workweek reporting by the employer to be provided within 15 days.	02/24/2022 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
<u>AB 2112</u> Nguyen J (R)	Regulations: Economic Impact Report		Requires the Legislative Analysts Office to analyze regulations enacted on or after January 1, 2016, to December 31, 2022, inclusive, that affect the states economic supply chain and the transportation of goods and submit a report of its findings to the Legislature by January 1, 2024.	03/03/2022 - To ASSEMBLY Committees on ACCOUNTABILITY AND ADMINISTRATIVE REVIEW and JOBS, ECONOMIC DEVELOPMENT AND THE ECONOMY.
<u>AB 2113</u> Rivas R (D)	State Water Pollution Cleanup and Abatement Account		Creates within the Waste Discharge Permit Fund the Waterway Recovery Account, the Citizen Monitoring Account, the Community Capacity Building Account, and the Stormwater Innovation Account, and, subject to future legislation, would annually transfer from the annual proceeds of the State Water Pollution Cleanup and Abatement Account, subject to a future legislative act, specified amounts.	05/04/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2133</u> Medina (D)	Wages: Final Payments		Regulates the terms and conditions of employment, and, specifically, the payment of wages. Reduces the time limit on the payment of wages, as described above, to 48 hours.	05/16/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.

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<u>AB 2135</u> Irwin (D)	Information Security		Requires state agencies to adopt and implement information security and privacy policies, standards, and procedures based upon standards issued by the National Institute of Standards and Technology and the Federal Information Processing Standards. Requires to certify, to the President pro Tempore of the Senate and the Speaker of the Assembly that the agency is in compliance with all adopted policies, standards, and procedures and to include a plan of action and milestones.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2136</u> Cunningham (R)	Construction Contract Payments: Website Posting		Relates to existing law, the State Contract Act, which requires a state agency that maintains an internet website to post specified information relating to construction contracts within 10 days of making a construction contract payment. The bill increases the number of days within which a state agency is required to post the information to its internet website from 10 to 15 days.	02/24/2022 - To ASSEMBLY Committee on ACCOUNTABILITY AND ADMINISTRATIVE REVIEW.
<u>AB 2140</u> Muratsuchi (D)	Once Through Cooling Policy: Powerplants		Prohibits the state board from granting an operator of a powerplant any extension of time to comply with the once-through cooling policy if the city or county that has jurisdiction over the site of the powerplant formally adopts a resolution objecting to the extension and a specified advisory committee convened by the state board determines that the extension is not necessary to ensure electricity reliability.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2141</u> Garcia E (D)	Greenhouse Gas Reduction Fund: Community Projects		Appropriates to the state board, beginning in the 2023-24 fiscal year, 20 percent of the annual proceeds of the Greenhouse Gas Reduction Fund, up to specified amount, for allocation to air pollution control districts and air quality management districts for the purpose of supporting community emissions reduction strategies in, and reimbursement for participation by, communities selected by the state board, as specified.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2142</u> Gabriel (D)	Income Taxes: Exclusion: Turf Replacement Program	SUPPORT	Includes additional information required for any bill authorizing a new tax expenditure, and would require the Department of Finance	05/05/2022 - From ASSEMBLY Committee on REVENUE AND

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			to include an analysis of these expenditures in its annual tax expenditure report provided to the Legislature.	TAXATION: Do pass to Committee on APPROPRIATIONS.
<u>AB 2143</u> Carrillo (D)	Net Energy Metering		Applies those public works project requirements to the construction of any renewable electrical generation facility, and any associated battery storage, after a specified date, that receives service pursuant to the 2nd standard contract or tariff, except a residential facility that will have a maximum generating capacity of specified kilowatts or less of electricity.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2146</u> Bauer-Kahan (D)	Neonicotinoid Pesticides: Prohibited Nonagricultural		Prohibits, beginning specified date, the sale, possession, or use of neonicotinoid pesticides, as defined, except for use on an agricultural commodity. Authorizes the director, in consultation with the Department of Food and Agriculture, to authorize, by written order, the sale, possession, or use of these prohibited pesticides if the director finds that it would address a valid environmental emergency and there are no other, less harmful alternatives, as specified.	05/04/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2148</u> Calderon (D)	Workers' Compensation: Disability Payments		Extends the authorization to deposit indemnity payments in a prepaid card account until a specified date.	05/12/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2154</u> Cooley (D)	California Insurance Guarantee Association		Authorizes the California Insurance Guarantee Association to levy an assessment on member insurers writing homeowners' and automobile insurance and other insurance to pay the principal of, and interest on, the bonds issued for that claims category, which would be recouped through a surcharge on applicable policies. Imposes a tax. Specifies that obligations under a policy issued to cover cyber security are covered claims, as long as CIGA's total liability does not exceed \$1,000,000 or the policy limits.	05/12/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2173</u> Petrie-Norris (D)	Public Contracts: Payment		Extends indefinitely existing law which authorizes the retention proceeds withheld from any payment by an awarding entity from the original contractor, by the original contractor from any	05/11/2022 - To SENATE Committee on GOVERNMENTAL ORGANIZATION.

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			subcontractor, and by a subcontractor from any subcontractor, to exceed 5% on specific projects where the director of the applicable department has made, or the governing body of the public entity or designated official of the public entity has approved, a finding prior to the bid that the project is complex.	
<u>AB 2177</u> Irwin (D)	Coastal Recreation: Designated State Surfing Reserves		Requires, on or before specified date, the State Coastal Conservancy to establish criteria and an application process for purposes of designating an area of the coastline as a state surfing reserve, as defined. Requires the local government to include in its application, among other things, a description of the proposed surfing reserve.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2184</u> Wicks (D)	Unemployment Insurance: Benefits: Eligibility		Prohibits an unemployed individual who is otherwise eligible for unemployment compensation benefits from being deemed ineligible, and would require that individual to be considered as being able to and available for work, for any week in which the individual meets any of certain conditions, including if the claimant is available exclusively for telework for which the claimant is reasonably fitted. Appropriates funds.	03/31/2022 - To ASSEMBLY Committee on INSURANCE.;03/31/2022 - From ASSEMBLY Committee on INSURANCE with author's amendments.;03/31/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on INSURANCE.
<u>AB 2186</u> Grayson (D)	Housing Cost Reduction Incentive Program		Establishes the Housing Cost Reduction Incentive Program, to be administered by the department, for the purpose of reimbursing cities, counties, and cities and counties for development impact fee reductions provided to qualified housing developments. Requires a public entity that receives grant funds under the program to use those funds solely for those purposes for which the development impact fee that was reduced or deferred would have been used.	05/02/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
<u>AB 2188</u> Quirk (D)	Discrimination in Employment: Use of Cannabis		Makes it unlawful for an employer to discriminate against a person in hiring, termination, or any term or condition of employment, or otherwise penalize a person, if the discrimination is based upon the person's use of cannabis off the job and away from the workplace	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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			or upon an employer-required drug screening test that has found the person to have non-psychoactive cannabis metabolites in their urine, hair, or bodily fluids.	
<u>AB 2201</u> Bennett (D)	Groundwater Sustainability Agency: Groundwater Extract		Prohibits a local agency, as defined, from approving a permit for a new groundwater well or for an alteration to an existing well in a basin subject to the act and classified as medium- or high-priority until it obtains a written verification, from the groundwater sustainability agency that manages the basin or area of the basin where the well is proposed to be located, determining that certain factors are present.	04/27/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
<u>AB 2203</u> Rivas (D)	Fair Employment and Housing Protections: Credit Reports		Prohibits requiring a consumer credit report as part of the application process for a rental housing accommodation in instances where there is a government rent subsidy.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2206</u> Lee (D)	Nonattainment Basins: Employee Parking		Revises the definitions of "employer," "parking cash-out program," and "parking subsidy." Requires a lessor that enters into or renews a lease on or after specified date, with a lessee that is an employer and that offers parking to the employer to list the market-rate parking costs as a separate line item in the lease, as provided, or to provide a list of parking costs to the employer within 30 days after the lease is entered into or renewed.	05/09/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2208</u> Kalra (D)	Fluorescent Lamps: Sale and Distribution: Prohibition		Prohibits on and after specified date, a compact fluorescent lamp, as defined, and, on and after specified date, a linear fluorescent lamp, as defined, from being offered for final sale, sold at final sale, or distributed in this state as a new manufactured product.	05/09/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2212</u> Gallagher (R)	California Emergency Services Act: State of Emergency		Authorizes the Governor to exercise within the area designated all executive power vested in the state by the Constitution and laws of the state to effectuate the purposes of the California Emergency Services Act (CESA).	03/03/2022 - To ASSEMBLY Committee on EMERGENCY MANAGEMENT.

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<u>AB 2219</u> Smith T (R)	State Air Resources Board: Members		Relates to State Air Resources Board members. Requires on and after January 1, 2025, the member appointed by the Senate Committee on Rules to also be a person who represents a small business that employs fewer than 50 full-time employees.	04/04/2022 - In ASSEMBLY Committee on NATURAL RESOURCES: Failed passage.
<u>AB 2221</u> Quirk-Silva (D)	Accessory Dwelling Units		Requires a permitting agency to act on an application to serve an accessory dwelling unit or a junior accessory dwelling unit within the same timeframes. Provides that the requirement for a permitting agency to act on an application means either to return in writing a full set of comments to the applicant with a comprehensive request for revisions or to return the approved permit application.	05/02/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
<u>AB 2225</u> Ward (D)	Resource Conservation: Traditional Ecological Knowledge		Requires the Natural Resources Agency on or before January 1, 2024, to conduct a listening tour of Native American tribes across the state to solicit their initial input, priorities, and concerns regarding traditional ecological knowledge, as defined, and provide reimbursement to the tribes for this consultation, as provided.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2233</u> Quirk-Silva (D)	Excess State Land: Development of Affordable Housing		Requires the Department of General Services to develop, no later than specified date, a set of criteria to consistently evaluate state owned parcels for suitability as affordable housing sites. Requires, on or before specified date, and every certain years thereafter, the Department of General Services to, among other things, conduct a review of all state owned property and identify state owned parcels that are potentially viable for affordable housing based on those criteria.	04/27/2022 - From ASSEMBLY Committee on ACCOUNTABILITY AND ADMINISTRATIVE REVIEW: Do pass to Committee on APPROPRIATIONS.
<u>AB 2234</u> Rivas R (D)	Planning and Zoning: Housing: Postentitlement Phase		Requires a local agency to compile a list of information needed to approve or deny a postentitlement phase permit, as defined, to post an example of an ideal application and an example of an ideal complete set of postentitlement phase permits for the most common housing development projects in the jurisdiction, and to make those items available to all applicants for these permits no later than a specified date.	05/02/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 2238</u> Rivas (D)	Extreme Heat: Statewide Extreme Heat Ranking System		Requires the agency, by January 1, 2024, to develop a statewide extreme heat ranking system in coordination with ICARP and the Department of Insurance, as provided. Requires the department, by January 1, 2024, to submit a study of the insured and uninsured costs related to past extreme heat events to the appropriate legislative policy and budget committees, the agency, and ICARP.	05/04/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2243</u> Garcia E (D)	Occupational Safety and Health Standards: Heat Illness		Requires the Division of Occupational Safety and Health to submit to the standards board a rulemaking proposal to revise the heat illness standard to include an ultrahigh heat standard for employees in outdoor places of employment for heat in excess of 105 degrees Fahrenheit, as prescribed, and require employers to distribute copies of the Heat Illness Prevention Plan, as provided.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2247</u> Bloom (D)	Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)		Requires, as part of the hazardous waste control laws, the Department of Toxic Substances Control to work with the Interstate Chemicals Clearinghouse to establish, on or before specified date, a publicly accessible reporting platform to collect information about perfluoroalkyl and polyfluoroalkyl substances (PFAS) and products or product components containing regulated PFAS, as defined, being sold, offered for sale, distributed, or offered for promotional purposes in, or imported into, the state.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2248</u> Garcia E (D)	Water Quality: California Mexico Cross Border Rivers		Makes a specified sum available from the General Fund, upon appropriation by the Legislature in the annual Budget Act or another statute, to the Environmental Protection Agency to address water quality problems arising in the rivers that come across the border from Mexico. Makes a specified sum available for purposes consistent with the New River Water Quality, Public Health, and River Parkway Development Program and a sum available for purposes consistent with water quality projects for the Tijuana River.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 2260</u> Rodriguez (D)	Emergency Response: Trauma Kits		Defines trauma kit to mean a first aid response kit that contains specified items, including, among other things, a tourniquet. Allows medical materials and equipment and any additional items that are approved by local law enforcement or first responders to be included as supplements in addition to the specified items that are required to be included in a trauma kit if they adequately treat a traumatic injury and can be stored in a readily available kit.	04/19/2022 - From ASSEMBLY Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
<u>AB 2278</u> Kalra (D)	Natural Resources: Biodiversity and Conservation Report		Requires the Secretary of the Natural Resources Agency to prepare and submit, beginning on or before a specified date, an annual report to the Legislature on the progress toward achieving the directives of the executive order.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2297</u> Wicks (D)	Tenancy: Fee in Lieu of a Security Deposit		Requires a landlord who offers a tenant or prospective tenant the option of paying a fee in lieu of a security deposit to take certain action, including offer the tenant or prospective tenant the option to instead pay a security deposit. Authorizes a tenant who accepts an offer to pay a fee in lieu of a security deposit to terminate the agreement to pay the fee in lieu of a security deposit at any time.	03/03/2022 - To ASSEMBLY Committee on JUDICIARY.
<u>AB 2308</u> Kiley (R)	Information Practices Act of 1977: Commercial Purposes		Relates to the Information Practices Act of 1977, which prescribes a set of requirements, prohibitions, and remedies applicable to certain state agencies with regard to their collection, storage, and disclosure of personal information. Revises the definition of commercial purpose to instead mean any purpose that has financial gain as an objective.	03/03/2022 - To ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION.
<u>AB 2313</u> Bloom (D)	Water: Judges and Adjudications		Authorizes, within 30 days after at least one defendant or respondent has been served in an action relating to water, any party to file a noticed motion for that case to be assigned to a judge who has participated in that training program, subject to prescribed procedures.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 2316</u> Ward (D)	Community Renewable Energy Program		Requires the commission, in administering the program, to, among other things, evaluate and consider the financeability of community renewable energy facilities and the availability of bill credits for subscribers, establish a community renewable energy program tariff, and establish financial incentives to exclusively support subscriptions by low-income customers or low-income organizations if qualifying funds are available.	05/02/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
<u>AB 2319</u> Bonta M (D)	Surplus Land: Former Military Base Land		Adds to the definition of exempt surplus land, land that is a former military base conveyed by the federal government to a local agency, is subject to certain provisions governing the Alameda Naval Air Station and the Fleet Industrial Supply Center, and meets other specified conditions.	04/27/2022 - From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Do pass to Committee on APPROPRIATIONS.
<u>AB 2334</u> Wicks (D)	Density Bonus Law: Affordability: Incentives		Requires the rent for the remaining units in the development be set at an amount consistent with the maximum rent levels for lower income households, as those rents and incomes are determined by California Tax Credit Allocation Committee. Regards to the enforcement of equity sharing agreements for for sale units, would also permit the local government to defer to the recapture provisions of the public funding source. Makes a technical change to the Density Bonus Law by deleting duplicative provisions.	05/02/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
<u>AB 2357</u> Ting (D)	Surplus Land		Relates to exempt surplus land and certain legal restrictions that would make housing prohibited. Requires that those legal restrictions be documented and verified in writing by the relevant agencies that have authority relating to the restrictions.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.;05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2362</u> Mullin (D)	Environmentally Beneficial Projects: Interagency		Requires the Natural Resources Agency, on or before July 1, 2023, to evaluate existing state interagency collaborations functioning at the regional level to gain applicant and agency staff perspective on process and outcome efficiencies for issuing permits for proposed environmentally beneficial projects, as defined.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 2370</u> Levine (D)	Public Records: State Agency Retention		Requires by statute or regulation, or established by the Secretary of State pursuant to the State Records Management Act, require a state agency, for purposes of the California Public Records Act, to retain and preserve for at least 2 years every public record, as defined, regardless of physical form or characteristics.	05/04/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2377</u> Muratsuchi (D)	Fire Prevention: Deputy Director of Community Wildfire		Expands the deputy director's responsibilities to include, among other things, prioritizing acres for fire and fuels treatment and executing those treatments.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2383</u> Jones-Sawyer (D)	Rental Housing Unlawful Housing Practices: Applications		Makes it an unlawful housing practice for the owner of a rental housing accommodation, or another individual or business establishment, to inquire about, or require an applicant for a rental housing accommodation to disclose, or to otherwise seek, consider, use, or take adverse action on, criminal history information, as defined, during the initial application assessment phase, unless otherwise required by state or federal law.	04/27/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2387</u> Garcia E (D)	Safe Drinking Water, Wildfire Prevention, Drought		Enacts the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$7,430,000,000 pursuant to the State General Obligation Bond Law to finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, and workforce development programs.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2412</u> Villapudua (D)	Agriculture: State Water Efficiency Program		Requires the Department of Food and Agriculture, upon appropriation by the Legislature of additional funds, to administer the State Water Efficiency and Enhancement Program to provide grants to agricultural operations to implement irrigation, water reclamation, water storage, or groundwater recharge systems that reduce greenhouse gases and energy use and increase water use efficiency.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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<u>AB 2419</u> Bryan (D)	Environmental Justice: Federal Infrastructure		Requires a minimum of 40 percent of funds received by the state under the IJIA and certain other federal funds to be allocated to projects that provide direct benefits to disadvantaged communities and a minimum of an additional 10 percent be allocated for projects that provide direct benefits to low-income households and low-income communities, as provided.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 2421</u> Rubio (D)	Water: Unlicensed Cannabis Cultivation		Relates to law that makes it unlawful to deposit, permit to pass, or place where it can pass, specified pollutants into the waters of this state, including any substance or material deleterious to fish, plant life, mammals, or bird life. Provides that the specified affirmative defense to a violation of the criminal provision does not apply in any other civil action that alleges a violation resulting from unlicensed cannabis cultivation.	05/04/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 2428</u> Ramos (D)	Mitigation Fee Act: Fees for Improvements: Timeline		Requires a local agency that requires a qualified applicant to deposit fees for improvements, as described, into an escrow account as a condition for receiving a conditional use permit or equivalent development permit to expend the fees within 5 years of the deposit. The bill would require any fees not expended within this period to be returned to the qualified applicant.	03/03/2022 - To ASSEMBLY Committees on LOCAL GOVERNMENT and HOUSING AND COMMUNITY DEVELOPMENT.
<u>AB 2449</u> Rubio (D)	Open Meetings: Local Agencies: Teleconferences		Authorizes a local agency to use teleconferencing without complying with specified teleconferencing requirements if at least a quorum of the members of the legislative body participates in person from a singular location clearly identified on the agenda that is open to the public and situated within the local agency's jurisdiction. The bill would impose prescribed requirements for this exception relating to notice, agendas, the means and manner of access, and procedures for disruptions.	05/05/2022 - In ASSEMBLY. Read second time. To third reading.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 2451</u> Wood (D)	State Water Resources Control Board: Drought Planning		Requires the State Water Resources Control Board to establish a Drought Section within the Division of Water Rights. Requires the state 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 and for the development of watershed-level contingency plans to support public trust uses, public health and safety.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2454</u> Jones-Sawyer (D)	Public Contracts: Protests: Joint Labor-Management		Authorizes a joint labor-management committee, as defined, to submit a specified protest to a contract that is not to be awarded to the lowest bidder.	04/27/2022 - From ASSEMBLY Committee on ACCOUNTABILITY AND ADMINISTRATIVE REVIEW: Do pass to Committee on APPROPRIATIONS.
<u>AB 2463</u> Lee (D)	Public Works: Exemption		Relates to existing law defines "public works," for purposes of regulating public works contracts, as, among other things, construction, alteration, demolition, installation, or repair work that is performed under contract and paid for in whole or in part out of public funds. Relates to pursuant to existing law, all workers employed on public works projects are required to be paid not less than the general prevailing rate of per diem wages for work, except as specified.	05/05/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2469</u> Wicks (D)	Housing: Statewide Rental Registry		Requires the department to develop and maintain a rental registry online portal designed to collect specified information related to housing and make that information available to the public. Requires the department to develop a rental registry form to collect information from landlords, as defined, including the address and owners of a rental property, the number and type of rooms in the rental property, and information related to the payments collected and the duration of tenancies.	04/20/2022 - In ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Not heard.

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<u>AB 2479</u> Wood (D)	Forest Restoration and Protection: Wildfire Prevention		Requires the Department of Forestry and Fire Protection, on or before specified date, to provide to the relevant policy and fiscal committees of the Legislature a report that details how the department will increasingly implement prescribed burn projects to burn at least a specified number of acres annually by specified date, and how the state, by specified date, will increasingly use, develop, implement, facilitate, and support prescribed burn, cultural fire, and managed wildfire projects.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2486</u> Gabriel (D)	California Privacy Rights Act of 2020		Creates, in the California Privacy Protection Agency (CPPA), the Office for the Protection of Children Online for the purpose of ensuring that digital media available to children in this state are designed, provided, and accessed in a manner that duly protects the privacy, civil liberties, and mental and physical well-being of children, as prescribed.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2488</u> Irwin (D)	Personal Information: Precise Geolocation Data		Grants a consumer various rights with respect to personal information, as defined, that is collected or sold by a business, as defined, including the right to direct a business that sells personal information about the consumer to third parties not to sell the consumer's personal information, including geolocation data.	04/19/2022 - In ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION: Not Heard.
<u>AB 2503</u> Garcia (D)	Landlords and Tenants: California Law Revision		Requires the California Law Revision Commission to, on or before specified date, deliver to the Legislature a study regarding, among other things, the establishment of consistent terminology across the California codes to describe the parties to an agreement, lease, or other contract for the rental of residential real property, including in mobilehome parks, that meets certain criteria, specifically, among other things, that the study addresses whether the continued use of the terms landlord and tenant.	05/12/2022 - In ASSEMBLY. Joint Rule 10.5 suspended.;05/12/2022 - Re-referred to ASSEMBLY Committee on APPROPRIATIONS.
<u>AB 2505</u> Gray (D)	Water Theft: Irrigation Districts		Authorizes irrigation districts, as defined, to impose fines or penalties for water theft in accordance with both of the above-described provisions, and would provide that the above-specified	05/12/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.

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			provisions do not cap or limit the fines that an irrigation district may impose in accordance with the Irrigation District Law.	
<u>AB 2527</u> Quirk-Silva (D)	Consumer Credit Reporting Agencies Act		Prohibits a person from using a consumer credit report for a purpose related to the hiring of a dwelling unit or requiring an applicant or tenant to answer a question about the contents of a consumer credit report or the information contained therein for a purpose related to the hiring of a dwelling unit, except if the person is required to do so under state or federal law, as prescribed.	02/17/2022 - INTRODUCED.
<u>AB 2536</u> Grayson (D)	Development Fees: Impact Fee Nexus Studies	OPPOSE	Requires a local agency, prior to levying a new fee or capacity charge or approving an increase in an existing fee or capacity charge, to evaluate the amount of the fee or capacity charge. Requires the evaluation to include evidence to support that the fee or capacity charge does not exceed the estimated reasonable cost of providing service, as specified. Requires all information constituting the evaluation to be made publicly available at least 14 days prior to a specified meeting.	05/16/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2538</u> Rivas R (D)	State Warning Center: Wildfire Smoke Notification		Requires the Office of Emergency Services and the Department of Forestry and Fire Protection to jointly establish and lead the Wildfire Forecast and Threat Intelligence Integration Center, comprised of representatives from specified state and other entities.	05/04/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2539</u> Choi (R)	Public Health: COVID-19 Vaccination: Proof of Status		Requires a public or private entity that requires a member of the public to provide documentation regarding the individuals vaccination status for any COVID-19 vaccine as a condition of receipt of any service or entrance to any place to accept a written medical record or government-issued digital medical record in satisfaction of the condition, as specified.	02/17/2022 - INTRODUCED.
<u>AB 2550</u> Arambula (D)	State Air Resources Board: San Joaquin Valley Air		Requires the state board, if the San Joaquin Valley Air Pollution Control District does not receive a determination of attainment from the United States Environmental Protection Agency for a	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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			national ambient air quality standard established by the agency pursuant to the federal Clean Air Act by the applicable attainment date for that standard, to undertake certain activities and enforcement practices that impact the district's ability to attain and maintain that ambient air quality standard.	
<u>AB 2556</u> O'Donnell (D)	Local Public Employee Organizations		Revises, under the Meyers-Milias-Brown Act, specified timeframe to no earlier than 15 days after the factfinders written findings of fact and recommended terms of settlement have been submitted to the parties.	05/09/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2559</u> Ward (D)	Reusable Tenant Screening Reports		Requires a landlord who elects to accept reusable tenant screening reports to provide an applicant with prescribed notice, including a clear and conspicuous statement on a listing or advertisement for residential rental property on the internet, that the landlord accepts reusable tenant screening reports. Defines the term reusable tenant screening report.	05/16/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2563</u> Quirk (D)	Air Pollution: Permits: Mobile Fueling On Demand Tank		Requires air pollution control and air quality management districts to establish a mobile fueling on demand tank vehicle permit program for mobile fueling on demand tank vehicle operations, as defined. Requires that a mobile fueling on demand tank vehicle permit program provide, among other things, a consistent permitting process for an operation that requires more than one permit and an expedited permit review and fee schedule.	05/04/2022 - In ASSEMBLY. Coauthors revised.
<u>AB 2582</u> Bennett (D)	Recall Elections: Local Offices		Requires a recall election for a local officer to include only the question of whether the officer sought to be recalled shall be removed from office. Provides that if a local officer is removed from office in a recall election, the bill would provide that the office is vacant until it is filled according to law.	05/12/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.

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<u>AB 2593</u> Boerner Horvath (D)	Coastal Resources: Coastal Development Permits		Requires the Coastal Commission to require a project that impacts coastal wetland, intertidal, or marine habitats or ecosystems seeking a coastal development permit to mitigate greenhouse gas emissions by building or contributing to a blue carbon project, as defined.	05/11/2022 - To SENATE Committee on NATURAL RESOURCES AND WATER.
<u>AB 2597</u> Bloom (D)	Dwelling Unit Standards		Requires that any building with a dwelling unit also maintain adequate cooling. Adds that lack of cooling is a substandard condition. Requires the Building Standards Commission, commencing with the next triennial edition of the State Building Standards Code adopted after a certain date, to adopt, approve, codify, and publish mandatory building standards for the purpose of implementing the addition of lack of cooling as a substandard condition for human habitation.	05/02/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
<u>AB 2605</u> Villapudua (D)	Water Quality: State Certification		Authorizes the State Water Resources Control Board to delegate its authority regarding the issuance of a certificate or statement regarding water quality standards to the regional boards. Requires a project proponent, as defined, to request a pre-filing meeting with the state board.	04/18/2022 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;04/18/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
<u>AB 2610</u> Friedman (D)	Wildlife Conservation Board:		Expresses the intent of the Legislature to encourage ecologically sensitive vegetation management practices for the purpose of maintaining ecological health and strengthening biodiversity while mitigating wildfire risk through fuel load reduction.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 2631</u> O'Donnell (D)	Government Claims Act		Provides that a public entity is liable for injury relating to the effects of that public entity's homelessness policies on another public entity.	03/10/2022 - To ASSEMBLY Committees on LOCAL GOVERNMENT and JUDICIARY.
<u>AB 2638</u> Bloom (D)	School Facilities: Drinking Water: Filling Stations		Requires a new construction or modernization project submitted to the Division of the State Architect by a school district or the	04/26/2022 - From ASSEMBLY Committee on ENVIRONMENTAL

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			governing body of a charter school to include water bottle filling stations, as specified. Requires, for modernization projects, a minimum of one water bottle filling station for each school undergoing modernization, and for new construction projects, a minimum of one water bottle filling station per 350 people at each school being constructed.	SAFETY AND TOXIC MATERIALS: Do pass to Committee on APPROPRIATIONS.
<u>AB 2639</u> Quirk (D)	San Francisco Bay Sacramento San Joaquin Delta Estuary		Requires the state board, on or before a specified date, to adopt a final update of the 1995 Water Quality Control Plan for the San Francisco Bay and or Sacramento San Joaquin Delta Estuary, as specified, and to implement the amendments to the plan adopted by the state board pursuant to Resolution No. 2018-0059 on a specified date.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 2647</u> Levine (D)	Local Government: Open Meetings		Requires a local agency to make those writings distributed to the members of the governing board available for public inspection at a public office or location that the agency designates and list the address of the office or location on the agenda for all meetings of the legislative body of the agency unless the local agency meets certain requirements, including the local agency immediately posts the writings on the local agency's internet website in a position and manner that makes it clear.	05/12/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2649</u> Garcia (D)	Natural Carbon Sequestration and Resilience Act of 2022		Declares the policy of the state to achieve a goal of removing at least 60,000,000 metric tons of carbon dioxide equivalent annually on or before specified date, and 75,000,000 metric tons of carbon dioxide equivalent annually on or before specified date, through the implementation of natural carbon sequestration actions and programs on natural, working, and urban lands.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
<u>AB 2667</u> Friedman (D)	Integrated Distributed Energy Resources Fund		Establishes the Integrated Distributed Energy Resources Fund as a special fund in the State Treasury, the moneys in which would be available to the Energy Commission, upon appropriation by the Legislature, for purposes of the bill. Requires the Energy	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.

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			Commission to administer the fund in consultation with the Public Utilities Commission and the State Air Resources Board to provide incentives for eligible resources to support statewide customer adoption of clean distributed energy resources, as specified.	
<u>AB 2672</u> Flora (R)	Public Resources Code: Fire Prevention		Authorizes the Director of Forestry and Fire Protection, on or before specified date, using existing specified funds, to procure or establish a statewide defensible space and home hardening platform that would allow property owners to support and augment the Department of Forestry and Fire Protection in defensible space inspection requests, as provided. Subjects a property owner to a specified civil penalty if the property owner takes specified actions.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2674</u> Villapudua (D)	California Global Warming Solutions Act of 2006		Requires the State Air Resources Board to recognize as a method to generate credits under the Low Carbon Fuel Standard regulations the use of renewable natural gas or biogas by a source that the state board determines to directly reduce the emissions of methane in the state and that both displaces the existing use of natural gas and reduces the carbon intensity of fuels, as specified.	04/18/2022 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;04/18/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
<u>AB 2677</u> Gabriel (D)	Information Practices Act of 1977		Relates to the Information Practices Act, which prescribes a set of requirements applicable to agencies with regard to their collection, storage, and disclosure of personal information, and exempts from the provisions of the act counties, cities, any city and county, school districts, municipal corporations, districts, political subdivisions, and other local public agencies. Recasts those provisions to remove that exemption for local agencies starting on specified date, and to include specified information.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2693</u> Reyes (D)	COVID-19: Exposure		Extends provisions of the Occupational Safety and Health Act concerning exposure to the risk of infection with Coronavirus 2019. Provides that certain workplace industry information received from local public health departments shall be made available on available on a website.	04/28/2022 - In ASSEMBLY. Read second time. To third reading.

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<u>AB 2695</u> Berman (D)	Statewide Cybersecurity Strategy		Requires the statewide cybersecurity strategy to increase opportunities to meet the cybersecurity workforce demand.	04/27/2022 - In ASSEMBLY. Coauthors revised.
<u>AB 2713</u> Wicks (D)	Tenant Protections: Just Cause Termination: Rent Caps		Revises the intent to occupy just cause provision pertaining to terminating a tenancy to mean a good faith intent to occupy the residential real property by the owner or the owner's spouse, domestic partner, children, grandchildren, parents, or grandparents for at least 3 consecutive years. Prohibits an owner from terminating a tenancy under that provision if the same owner or relative already occupies a unit on the residential real property or if there is a vacancy on the residential real property.	04/20/2022 - In ASSEMBLY. Read second time. To third reading.
<u>AB 2734</u> Petrie-Norris (D)	Coastal Resources: Research: Landslides, Erosion		Requires the Scripps Institution of Oceanography at the University of California, San Diego, to conduct research on coastal cliff landslides, flooding, and erosion in the County of Orange, as provided.	04/04/2022 - From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to Committee on APPROPRIATIONS.
<u>AB 2740</u> Dahle M (R)	Water Resources: Desalination		Repeals existing law requiring the Department of Water Resources to report to the Legislature, on potential opportunities and impediments for using seawater and brackish water desalination and to convene a Water Desalination Task Force.	03/17/2022 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
<u>AB 2742</u> Friedman (D)	Water Meters: Urban Water Suppliers		Delays a specified requirement for an urban water supplier to install the water meters to on or before January 1, 2030.	02/18/2022 - INTRODUCED.
<u>AB 2757</u> Dahle M (R)	Wildlife Resources: Natural Community Conservation Plan		Requires draft documents associated with a natural community conservation plan and preliminary public review documents to be posted on the plan lead agency's internet website within the timeframes described in existing law.	03/17/2022 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
<u>AB 2780</u> Arambula (D)	Enhanced Infrastructure Financing Districts		Authorizes the City of Selma to initiate, participate in, govern, or finance an enhanced infrastructure financing district if specified events have occurred, except the requirement to have received a	05/12/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.

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			finding of completion, and if the City of Selma, acting as the successor agency or entity to the former Selma Redevelopment Agency, is in compliance with a settlement agreement it has entered into with the state to resolve any redevelopment agency dissolution issues and payments.	
<u>AB 2782</u> Mayes (R)	Public Employment: Health Benefits and Reimbursement		Prohibits a person who enters into service with the state or any agency, department, authority, or instrumentality of the state or a contracting agency subject to the Public Employees Medical and Hospital Care Act, on or after January 1, 2023, from being reimbursed for, or receiving, any subsidy for health care expenses or coverage after retirement from service, if that the person is eligible to enroll in Part A and Part B of Medicare.	03/17/2022 - To ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT.
<u>AB 2787</u> Quirk (D)	Microplastics In Products		Provides that on and after specified dates that vary based on the product, ban the sale, distribution in commerce, or offering for promotional purposes in the state of designated products, such as leave on cosmetic products and waxes and polishes, if the products contain intentionally added microplastics. Excludes from this ban products consisting, in whole or in part, of specified substances or mixtures containing microplastics. Provides civil penalty.	05/12/2022 - In ASSEMBLY. Read second time. To third reading.
<u>AB 2788</u> Mathis (R)	Public Records		Relates to existing law that requires each agency, upon a request for a copy of records, within 10 days from receipt of the request, to determine whether the request, in whole or in part, seeks copies of disclosable public records in the possession of the agency and to promptly notify the person making the request of the determination and the reasons therefor. Extends that 10-day deadline to 10 business days.	03/17/2022 - To ASSEMBLY Committee on JUDICIARY.;03/17/2022 - From ASSEMBLY Committee on JUDICIARY with author's amendments.;03/17/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
<u>AB 2805</u> Bauer-Kahan (D)	Department of Fish and Wildlife: Advance Mitigation		Authorizes the Department of Fish and Wildlife, any other public agency, or federally recognized tribe to propose a regional conservation investment strategy. Eliminates a restriction on the	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.

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			department that authorizes the department to approve a regional conservation investment strategy only if one or more state agencies request specified approval. Requires a regional conservation assessment to be consistent with a federal habitat conservation plan.	
<u>AB 2811</u> Bennett (D)	Building Standards Commission: Recycled Water	OPPOSE UNLESS AMENDED	Requires commencing a specified date, all newly constructed nonresidential buildings be constructed with dual plumbing to allow the use of recycled water for all applicable nonpotable water demands, as defined, if that building is located within an existing or planned recycled water service area, as specified. Requires the establishment of a program for onsite treated nonpotable water systems.	03/17/2022 - To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
<u>AB 2834</u> Kiley (R)	Notaries Public: Certificate Corrections		Authorizes a notary public to correct an error on a certificate under specified circumstances, including that the notary public who makes the correction is the same notary public who originally completed the certificate, the error is in a certificate attached to a grant deed, mortgage, deed of trust, quitclaim deed, security agreement, or other instrument affecting real property that is to be recorded with a county recorder.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2852</u> Bloom (D)	Air Pollution Control Districts and Air Quality		Provides for the establishment of air pollution control districts and air quality management districts. Declares a district a body corporate and politic and a public agency of the state. state, and prescribes the general powers and duties of a district.	03/24/2022 - To ASSEMBLY Committee on LOCAL GOVERNMENT.;03/24/2022 - From ASSEMBLY Committee on LOCAL GOVERNMENT with author's amendments.;03/24/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
<u>AB 2857</u> Bauer-Kahan (D)	Groundwater Sustainability Plans: Domestic Well Impacts		Requires that a groundwater sustainability plan include measures to mitigate adverse impacts on domestic wells, as defined, including, but not limited to, compensating an owner of a domestic well or a	03/24/2022 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.;03/24/2022 - From

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			user of water from a domestic well for increased energy costs associated with deeper groundwater pumping and increased costs to households associated with the delivery of water from an existing water supply system or alternative water supply.	ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/24/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS
<u>AB 2858</u> Dahle M (R)	Fish and Wildlife: Safe Harbor Agreements		States the intent of the Legislature to enact subsequent legislation that would require safe harbor agreements authorized pursuant to the Safe Harbor Agreement Program Act to be reviewed and either approved and signed, or denied, by the Department of Fish and Wildlife in a specified period of time upon receipt of all documents required by the act.	02/18/2022 - INTRODUCED.
<u>AB 2864</u> Rivas R (D)	Local Government Renewable Energy Self Generation		Increases the statewide specified megawatts limitation to specified megawatts. Authorizes the commission to additionally increase the statewide limitation, as specified, to up to specified megawatts. Requires the commission to conduct an evaluation of the Local Government Renewable Energy Self Generation Program, as specified, and to submit a report of the evaluation to the Legislature on or before a specified date.	04/25/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
<u>AB 2874</u> Cooley (D)	Fire Prevention: Electrical Utility Facilities		Provides that a person or entity that performs tree trimming or vegetation maintenance services or specialty electrical contracting services under contract to an electrical utility is not liable for any damage or injury that results from a fire ignited by electrical utility facilities, except for damage or injury proximately caused by the contractor' s negligence, gross negligence, or willful misconduct. Provides that for contractors who retain at least a specified amount of fire liability insurance.	03/28/2022 - From ASSEMBLY Committee on UTILITIES AND ENERGY with author's amendments.;03/28/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY.
<u>AB 2876</u> Bigelow (R)	Sustainable Groundwater Management Act		Makes nonsubstantive changes to a provision of the Sustainable Groundwater Management Act.	02/18/2022 - INTRODUCED.

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<u>AB 2877</u> Garcia E (D)	Safe and Affordable Drinking Water Fund: Tribes		Specifies that a limited waiver of tribal sovereignty is not required for a tribe that is an eligible recipient to access funding from the fund. Requires the state board to work with tribes that are eligible recipients to remove any barriers for those tribes to access funding, as specified. Requires the state board to ensure an equitable distribution of funds from the fund, including funds to eligible recipients that are federally recognized California Native American tribes.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2878</u> Aguiar-Curry (D)	Forest Biomass Waste Utilization Program		Establishes the Forest Waste Biomass Utilization Program to be administered by the state board's Joint Institute for Wood Products Innovation to develop an implementation plan to meet the goals and recommendations of specified statewide forest management plans and to develop a workforce training program to complement workforce needs associated with the implementation plan.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
<u>AB 2893</u> Daly (D)	Administrative Procedure Act		Relates to the Administrative Procedure Act, which prohibits a state agency from issuing, utilizing, enforcing, or attempting to enforce any guideline, standard of general application, or other rule, among other things, that is a regulation, as defined, unless it has been adopted as a regulation and filed with the Secretary of State. Requires the state agency to update its analysis to reflect any comments received from the Department of Finance.	04/27/2022 - From ASSEMBLY Committee on ACCOUNTABILITY AND ADMINISTRATIVE REVIEW: Do pass to Committee on APPROPRIATIONS.
<u>AB 2895</u> Arambula (D)	Water: Permits and Licenses: Temporary Changes		Revises and recasts the provisions regulating temporary changes due to a transfer or exchange of water rights, including, among other revisions, specifying that those provisions apply to a person who proposes a temporary change for purposes of preserving or enhancing wetlands habitat, fish and wildlife resources, or recreation. Deletes the requirement that a petitioner publish notice of a petition in a newspaper and would additionally require the petition to include documentation of consultation.	05/11/2022 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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<u>AB 2919</u> Fong (R)	Release Of Water: Fish Populations		Provides that, notwithstanding any other law, the release of water from a dam shall only be regulated based on actual fish populations and not based on approximate fish populations.	04/26/2022 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.
<u>AB 2932</u> Low (D)	Workweek: Hours and Overtime		Requires that work in excess of 32 hours in a workweek be compensated at the rate of no less than 1 1/2 times the employee's regular rate of pay. Requires the compensation rate of pay at 32 hours to reflect the previous compensation rate of pay at 40 hours and would prohibit an employer from reducing an employee's regular rate of pay as a result of this reduced hourly workweek requirement.	03/24/2022 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.;03/24/2022 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT with author's amendments.;03/24/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LABOR AND EMPLOYMENT.
<u>AB 2957</u> Local Government Cmt	Local Government: Reorganization		Establishes procedures for determining the exchange of property tax revenues between a city and a county in the case of a jurisdictional change that consists of a city's qualified annexation of unincorporated territory, defined to mean an annexation of unincorporated territory for which an application or resolution was filed on or after January 1, 1998, and on or before January 1, 2021.	05/12/2022 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
<u>AB 2965</u> Natural Resources Cmt	California Environmental Quality Act: Procedures		Repeals certain obsolete and duplicative provisions from the California Environmental Quality Act (CEQA). Repeals provisions relative to judicial review procedures and administrative reviews of specified Environmental Impact Reports.	05/04/2022 - To SENATE Committee on ENVIRONMENTAL QUALITY.
<u>ACA 1</u> Aguiar-Curry (D)	Local Government Financing: Affordable Housing		Creates an additional exception to the 1% ad valorem tax rate limit on real property that would authorize a city, county, or special district to levy an ad valorem tax to service bonded indebtedness incurred to fund the construction, reconstruction, rehabilitation, or replacement of public infrastructure, affordable housing, or permanent supportive housing, if the proposition proposing the tax is approved by 55% of the voters of the city or county, and the proposition includes accountability requirements.	04/22/2021 - To ASSEMBLY Committees on LOCAL GOVERNMENT and APPROPRIATIONS.

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<u>ACA 13</u> Mathis (R)	Water Infrastructure Projects: Minimum Funding		Requires the Treasurer to annually transfer an amount equal to 2% of all state revenues from the General Fund to the Water Infrastructure Trust Account, which the measure would create. Continuously appropriates moneys in the account to the California Water Commission for its actual costs of implementing these provisions and for specified water infrastructure projects. Enacts the Water Infrastructure Bond Act of 2022.	04/07/2022 - To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and NATURAL RESOURCES.
<u>ACR 180</u> Bauer-Kahan (D)	Special Districts Week		Proclaims the week of May 15, 2022, to May 21, 2022, to be Special Districts Week.	05/12/2022 - From ASSEMBLY Committee on RULES: Be adopted. To Consent Calendar.;05/12/2022 - In ASSEMBLY. Ordered to Consent Calendar.
<u>SB 12</u> McGuire (D)	Local Government Planning and Zoning: Wildfires		Requires the safety element, upon the next revision of the housing element or the hazard mitigation plan, on or after a certain date, whichever occurs first, to be reviewed and updated as necessary to include a comprehensive retrofit strategy to reduce the risk of property loss and damage during wildfires, and would require the planning agency to submit the adopted strategy to the Office of Planning and Research for inclusion into the clearinghouse for climate adaptation.	07/12/2021 - In ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Failed passage.;07/12/2021 - In ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Reconsideration granted.
<u>SB 37</u> Cortese (D)	Contaminated Site Cleanup and Safety Act		Repeals the requirement for the State Department of Health Care Services to compile a list of all public drinking water wells. Provides that a project located on a site that is included on any list compiled by the state agencies specified above and posted on the California Environmental Protection Agency's internet website is exempted from CEQA if the project meets specified conditions.	09/08/2021 - In ASSEMBLY. To Inactive File.
<u>SB 45</u> Portantino (D)	Short-lived Climate Pollutants: Organic Waste Reduction		Requires the State Air Resources Board, no later than January 1, 2018, to approve and begin implementing a short-lived climate pollutant strategy. Requires the department, in consultation with the state board, to provide assistance to local jurisdictions, including, but not limited to, any funding appropriated by the Legislature in	05/05/2022 - To ASSEMBLY Committee on NATURAL RESOURCES.

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			the annual Budget Act, for purposes of assisting local agencies to comply with these provisions, including any regulations adopted by the department.	
<u>SB 72</u> Rubio (D)	Property Insurance: Wildfire Risk		Requires the Insurance Commissioner to transmit to the Secretary of the Natural Resources Agency a report that makes geographic recommendations for vegetation management projects based on the commissioner's analysis of specified information, including nonrenewal data on policies of residential property insurance, and to post that report on the Department of Insurance's internet website.	08/26/2021 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<u>SB 99</u> Dodd (D)	Community Energy Resilience Act of 2021		Requires the State Energy Resources Conservation and Development Commission to develop and implement a grant program for local governments to develop community energy resilience plans and expedite permit review of distributed energy resources by local governments.	08/26/2021 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<u>SB 222</u> Dodd (D)	Water Rate Assistance Program	WATCH	Establishes the Water Rate Assistance Fund in the State Treasury to help provide water affordability assistance, for both drinking water and wastewater services, to low-income ratepayers and ratepayers experiencing economic hardship in State. Makes moneys in the fund available upon appropriation by the Legislature to the department to provide direct water bill assistance, water bill credits, and water crisis assistance, and would require 80% of total funds to be directly applied to customer assistance.	09/03/2021 - In ASSEMBLY. To Inactive File.
<u>SB 230</u> Portantino (D)	State Water Resources Control Board: Constituents		Requires the State Water Resources Control Board to establish, maintain, and direct, a dedicated program called the Constituents of Emerging Concern in Drinking Water Program for a specified number of years to assess the state of information and recommend areas for further study on, among other things, the occurrence of Constituents of Emerging Concern in drinking water sources and	05/16/2022 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;05/16/2022 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on

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			treated drinking water. Requires the state board, upon appropriation by the Legislature, to provide financial assistance.	ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
SB 335 Cortese (D)	Workers' Compensation: Liability		Reduces the time periods after the date the claim form is filed with an employer in which the injury is presumed compensable and the presumption is rebuttable only by evidence discovered subsequent to the time period for certain injuries or illnesses, including hernia, heart trouble, pneumonia, or tuberculosis, among others, sustained in the course of employment of a specified member of law enforcement or a specified first responder.	07/13/2021 - In ASSEMBLY Committee on INSURANCE: Failed passage.
SB 342 Gonzalez (D)	South Coast Air Quality Management District		Adds members to the South Coast Air Quality Management District board, appointed by the Senate Committee on Rules and the Speaker of the Assembly. Requires the additional members to reside in and work directly with communities in the South Coast Air Basin that are disproportionately burdened by and vulnerable to high levels of pollution and issues of environmental justice. Authorizes the district board to create a Labor Advisory Panel to provide feedback.	01/31/2022 - In SENATE. Read third time. Failed to pass SENATE.
SB 410 Leyva (D)	Department of Industrial Relations		Exempts any occupational safety and health standard and order from the standardized regulatory impact analysis requirement. Requires an economic impact assessment to be prepared for the adoption, amendment, or repeal of any occupational safety and health standard and order, including for any such standard and order that is a major regulation proposed after a specified date.	09/08/2021 - In ASSEMBLY. To Inactive File.
SB 459 Allen (D)	Political Reform Act of 1974: Lobbying		Requires lobbyists, lobbying firms, and lobbyist employers to include information in the periodic reports that identifies each bill or administrative action subject to lobbying activity, and the respective position advocated for, during that period. Requires additional specified disclosures for lobbying activity during a specified period before the Legislature is scheduled to adjourn in a calendar year.	07/06/2021 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

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SB 463 Dahle (R)	Water: Landowner Or Water Right Holder Right		Authorizes a landowner or water right holder to, where a conduit is constructed across or buried beneath the lands of a specified number or more landowners, and the conduit is not under the control or management of any public agency or authority, modify, repair, or replace, as defined, the conduit on or beneath the land of any other landowner that the conduit is constructed across or buried beneath. Requires the landowner or water right holder making the change to receive written permission from a public.	03/22/2022 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.
SB 505 Hertzberg (D)	Wages: Withholdings: Written Authorization		Requires a public employer, absent fraud, misrepresentation, or theft, to make a good faith effort to consult with an employee to obtain a written authorization to resolve a monetary obligation before utilizing third-party collection services or commencing a civil action. Requires the written authorization to include a mutual agreement between the public employer and employee and, to the extent possible, would prohibit that written authorization from placing an undue financial burden upon the employee.	06/17/2021 - In ASSEMBLY. Suspend Assembly Rule 96.;06/17/2021 - Re- referred to ASSEMBLY Committee on RULES.
SB 520 Wilk (R)	Water Resources: Permit to Appropriate: Applications		Requires the State Water Resources Control Board, if the board has not rendered a final determination on an application for a permit to appropriate water within 30 years from the date the application was filed, to issue a new notice and provide an opportunity for protests before rendering a final determination, with specified exceptions.	06/17/2021 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.
SB 551 Stern (D)	California Zero-Emission Vehicle Authority		Establishes the California Zero-Emission Vehicle Authority within the Governor's Office of Business and Economic Development. Requires the authority to coordinate activities among state agencies to advance zero-emission vehicle infrastructure deployment, including charging stations and hydrogen refueling stations, as well as ensure related equity, workforce development, economic development, and other needs are addressed, as specified.	08/26/2021 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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<u>SB 559</u> Hurtado (D)	Water Conveyance Restoration Fund		Establishes the Water Conveyance Restoration Fund in the State Treasury to be administered by the Department of Water Resources in consultation with the State Water Resources Control Board and the Department of Fish and Wildlife.	09/08/2021 - In ASSEMBLY. To Inactive File.
<u>SB 582</u> Stern (D)	Climate Emergency Mitigation, Safe Restoration		Requires the Air Resources Board to ensure that statewide greenhouse gas emissions are reduced to at least a certain percentage and up to a certain percentage below the 1990 level by a specified year. Adopts a state policy to lead a global effort to restore oceanic and atmospheric concentrations of greenhouse gas emissions to preindustrial levels as soon as possible, and to restore community health and reverse the impacts from the damage and injustice climate change is causing.	01/31/2022 - In Senate. Died on file pursuant to Joint Rule 56.
<u>SB 649</u> Cortese (D)	Local Governments: Affordable Housing: Local Tenant		Establishes a state policy supporting local tenant preferences for lower income households, as defined, that are subject to displacement risk, and, further, permits local governments and developers in receipt of local or state funds, federal or state tax credits, or an allocation of tax-exempt private activity bonds designated for affordable rental housing to restrict occupancy by creating a local housing preference for lower income households subject to displacement risk.	06/17/2021 - In ASSEMBLY. Suspend Assembly Rule 96.;06/17/2021 - Re-referred to ASSEMBLY Committee on RULES.
<u>SB 719</u> Min (D)	Exempt Surplus Land: Eligible Military Base Land		Deems certain land comprising of the Tustin Marine Corps Air Station to be exempt surplus land if specified requirements are met. Requires at least a certain percent of the residential units that are permitted after a certain date to be restricted to persons and families of low or moderate income, and at least a certain percent of those units to be restricted to lower income households. Requires a local agency that disposes of exempt surplus land under these provisions to comply with certain requirements.	06/10/2021 - To ASSEMBLY Committees on LOCAL GOVERNMENT and HOUSING AND COMMUNITY DEVELOPMENT.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 733</u> Hueso (D)	Energy Storage: Pumped Storage Hydroelectric Facilities		Requires the chair of the Energy Resources Conservation and Development Commission to appear annually before the appropriate policy committees of the Legislature to report on activities of the commission, as specified.	06/21/2021 - In ASSEMBLY. Suspend Assembly Rule 96.;06/21/2021 - Re-referred to ASSEMBLY Committee on RULES.
<u>SB 832</u> Dodd (D)	Water Rights: Measurement of Diversion		Clarifies existing law that a diverter, as defined, diverting specified acre feet or more of water per year is subject to these water diversion measurement, recording, and reporting requirements. Requires the state board to develop and administer a study to determine the ability of evapotranspiration alone, or in combination with other methodologies, to provide the information needed to monitor water diversions. Requires the state board to provide the Legislature with a report documenting the study.	04/25/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 833</u> Dodd (D)	Community Energy Resilience Act of 2022		Requires a plan to, among other things, identify critical facilities, facilities where the construction of microgrids or other distributed energy sources could meet local resilience needs, and potential funding sources for implementing projects in the plan, include a process for the expedited permit review of distributed energy resources by the local government, and demonstrate consistency with the city, county, or city and county general plan and other local government planning documents, as specified.	04/04/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 844</u> Min (D)	Cybersecurity Improvement: Reports		Establishes a program to award grants to eligible entities to address cybersecurity risks and cybersecurity threats to information systems owned or operated by, or on behalf of, state, local, or tribal governments. Requires the center to create four reports, to be delivered to the Legislature. Relates to federal State and Local Cybersecurity Improvement Act.	05/12/2022 - In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY.
<u>SB 847</u> Hurtado (D)	COVID 19 Relief: Tenancy: Grant Program		Creates a grant program under the administration of the Department of Housing and Community Development and would require the department to award a program grant, as defined, to a qualified applicant who submits a complete application, as defined, on a first	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.

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			come, first served basis. Requires the program to provide grants to all tier one applicants, as defined, before providing grants to other applicants. Relates to qualified applicant. Establishes a fund.	
<u>SB 849</u> Umberg (D)	Surplus Land		Requires, if, after a local agency responsible for the disposal of surplus land and an entity desiring to purchase or lease the land have entered into an exclusive negotiating agreement, the determined value of the sales price and terms or lease terms exceeds a certain amount, that disposing agency post prominently on its internet website the terms of the proposed disposition of the surplus land for not less than ninety days before entering a legally binding agreement to dispose of the land.	03/09/2022 - Re-referred to SENATE Committee on GOVERNANCE AND FINANCE.
<u>SB 852</u> Dodd (D)	Climate Resilience Districts: Formation: Funding		Authorizes a city, county, city and county, special district, or a combination of any of those entities to form a climate resilience district, as defined, for the purposes of raising and allocating funding for eligible projects and the operating expenses of eligible projects. Deems each district to be an enhanced infrastructure financing district and would require each district to comply with existing law concerning enhanced infrastructure financing districts, unless the district is specified as otherwise.	05/17/2022 - In SENATE. Read second time. To third reading.
<u>SB 867</u> Laird (D)	Sea Level Rise Planning: Database		Extends the sunset date of existing law which requires that various public agencies and private entities provide to the Natural Resources Agency, on a biannual basis, sea level rise planning information that is under the control or jurisdiction of the public agencies or private entities.	05/05/2022 - To ASSEMBLY Committee on NATURAL RESOURCES.
<u>SB 880</u> Laird (D)	Water Diversion: Monitoring and Reporting		Extends indefinitely existing law which requires any diverter, who has completed an instructional course regarding the devices or measurement method administered by the University of California Cooperative Extension, including passage of a proficiency test before the completion of the course, to be considered a qualified individual when installing and maintaining devices or	04/04/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.

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			implementing methods of measurement that were taught in the course for the diverter's diversion.	
SB 888 Melendez (R)	Land Use: Subdivision Maps: Expiration Dates		Authorize the County of Riverside to extend the expiration date, by up to a specified months, of any approved tentative map or parcel map that meets certain criteria, including that it was approved on or after a specified date, and not later than a specified date, relates to the construction of single or multifamily housing, as specified. Requires any legislative, administrative, or other approval by any state agency that pertains to a development project included in a map that is extended.	03/24/2022 - From SENATE Committee on GOVERNANCE AND FINANCE with author's amendments.;03/24/2022 - In SENATE. Read second time and amended. Re-referred to Committee on GOVERNANCE AND FINANCE.
SB 890 Nielsen (R)	Department of Water Resources: Water Storage Fund		Establishes the Water Storage and Conveyance Fund in the State Treasury to be administered by the Department of Water Resources. Requires all moneys deposited in the fund to be expended, upon appropriation by the Legislature, in support of subsidence repair and reservoir storage costs, including environmental planning, permitting, design, and construction and all necessary road and bridge upgrades required to accommodate capacity improvements.	03/08/2022 - In SENATE Committee on NATURAL RESOURCES AND WATER: Failed passage.
SB 892 Hurtado (D)	Cybersecurity Preparedness: Food and Agriculture Sector		Requires the Office of Emergency Services to develop, propose, and adopt optional reporting guidelines applicable to companies and cooperatives in the food and agriculture industry and entities in the water and wastewater systems industry if they identify a significant and verified cyber threat or active cyberattack. Requires CalOES to direct the California Cybersecurity Integration Center to prepare, and CalOES to submit to the Legislature a strategic, multiyear outreach plan.	04/18/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
SB 896 Dodd (D)	Wildfires: Defensible Space: Grant Programs		Requires any local governmental entity that is qualified to conduct defensible space assessments in very high and high fire hazard severity zones, as specified, and that reports that information to the	05/16/2022 - In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY.

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			Department of Forestry and Fire Protection, to report that information using the common reporting platform.	
<u>SB 897</u> Wieckowski (D)	Accessory Dwelling Units: Junior Units		Changes the height limitation applicable to an accessory dwelling unit subject to ministerial approval to 25 feet if the accessory dwelling unit is within 1/2 mile walking distance of a major transit stop or a high-quality transit corridor, as those terms are defined, or if the accessory dwelling unit is attached to a primary dwelling, as specified.	04/25/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 931</u> Leyva (D)	Deterring Union Membership: Violations		Authorizes an employee organization, as described, to bring a claim before the Public Employment Relations Board alleging that a public employer violated the prohibition against deterring or discouraging union membership. Upon a finding by the board that the public employer violated those provisions, the public employer would be subject to a civil penalty of up to \$1,000 for each affected employee, not to exceed \$100,000 in total, and subject to attorneys fees and costs, as described.	05/02/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 938</u> Hertzberg (D)	The Local Government Reorganization Act of 2000	SUPPORT	Authorizes a commission to initiate a proposal for the dissolution of a district, as described, if the commission approves, adopts, or accepts a specified study that includes a finding, based on a preponderance of the evidence, that, among other things, the district has one or more documented chronic service provision deficiencies, the district spent public funds in an unlawful or reckless manner, or the district has shown willful neglect by failing to consistently adhere to the State Public Records Act.	05/05/2022 - To ASSEMBLY Committee on LOCAL GOVERNMENT.
<u>SB 954</u> Archuleta (D)	Public Works: Wages: Electronic Payroll Records		Requires the Department of Industrial Relations to establish an online database of electronic certified payroll records, which the bill would require to be accessible only to certain trust funds established under federal law and certain committees established under federal law, as specified.	04/04/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
SB 984 Archuleta (D)	Military Service: Leave of Absence: Pay and Benefits		Repeals existing law specifying that employee members of reserve military units and the National Guard required to attend scheduled reserve drill periods or perform other inactive duty reserve obligations shall be granted military leave of absence without pay as provided by federal law, as specified.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
SB 989 Hertzberg (D)	Climate Change Preparedness, Resiliency, and Jobs		Establishes the Climate Change Preparedness, Resiliency, and Jobs for Communities Program, to be administered by the council, and would require the council to fund grants to develop and implement multibenefit, community-level, climate-beneficial projects to support community and landscape resiliency and workforce development.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
SB 991 Newman (D)	Public Contracts: Progressive Design-Build		Requires a local agency that uses the progressive design-build process to submit, no later than specified date, to the appropriate policy and fiscal committees of the Legislature a report on the use of the progressive design-build process containing specified information, including a description of the projects awarded using the progressive design-build process. Requires the design-build entity and its general partners or joint venture members to verify specified information under penalty of perjury.	05/09/2022 - In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY.
SB 995 Nielsen (R)	Navigable Waters: Hazardous, Medical, or Human Waste		Makes it a misdemeanor to place, deposit, or dump hazardous, medical, or human waste in or upon the navigable waters of this state, or to place, deposit, or load it upon a vessel, with intent that it be dumped or deposited in or upon the navigable waters of this state or at any point in the ocean within certain miles of any point on the coastline of the state. Imposes a state mandated local program.	03/22/2022 - Withdrawn from SENATE Committee on HEALTH.;03/22/2022 - Re-referred to SENATE Committee on ENVIRONMENTAL QUALITY.
SB 1010 Skinner (D)	Air Pollution: State Vehicle Fleet: Zero Emission		Requires at least a specified percent of newly purchased medium and heavy duty vehicles with a gross vehicle weight of specified pounds or more purchased by the department and other state entities for the state vehicle fleet to be zero emission vehicles.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			Requires a specified percent of newly purchased medium and heavy duty vehicles with a gross vehicle weight of specified pounds or more for the state vehicle fleet to be zero emission vehicles.	
<u>SB 1017</u> Eggman (D)	Leases: Termination of Tenancy: Abuse or Violence		Makes a landlord or agent liable to the tenant for actual damages and, except as specified, a civil penalty of not less than specified amount and more than specified amount in a civil action for violation of these provisions. Authorizes a defendant to affirmative defense to a cause of action for unlawful detainer that is based upon an act of abuse or violence against a tenant, a tenant's immediate family member, or a tenant's household member, as specified.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1020</u> Laird (D)	Clean Energy, Jobs, and Affordability Act of 2022		Relates to the California Global Warming Solutions Act of 2006. Modifies with respect to the provision that a portion of the workshops be conducted in regions of the state that have the most significant exposure to air pollutants, specified communities as additionally being areas designated as federal extreme nonattainment.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1044</u> Durazo (D)	Employers: State of Emergency or Emergency Condition		Prohibits an employer, in the event of a state of emergency or an emergency condition, as defined, from taking or threatening adverse action against any employee for refusing to report to, or leaving, a workplace within the affected area because the employee feels unsafe. Requires an employee to notify the employer of the state of emergency or emergency condition requiring the employee to leave or refuse to report to the workplace.	04/04/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1058</u> Durazo (D)	Disability Insurance: Paid Family Leave: Applicant Data		Requires the Employment Development Department to collect data regarding the race and ethnicity of individuals who claim disability benefits under specified programs.	04/04/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1059</u> Becker (D)	Privacy: Data Brokers		Includes in the definition of data broker a business that knowingly collects and shares, as defined, certain personal information to third parties. Transfers all authority and responsibilities under the provisions relating to data broker registration from the Attorney General to the State Consumer Privacy Act, including by requiring data brokers to annually register with the State Consumer Privacy Act on or before a specified date.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1063</u> Skinner (D)	Energy: Appliance Standards and Cost-effective Measures		Authorizes the State Energy Resources Conservation and Development Commission, upon considering specified factors and making a finding of good cause, to make the standards for minimum levels of operating efficiency for certain appliances effective sooner than one year after their date of adoption or revision, as specified. Requires that those other cost-effective measures prescribed by the commission also not result in any added total costs for consumers over the designed life of the impacted appliances.	05/10/2022 - In SENATE. Read second time. To third reading.
<u>SB 1066</u> Hurtado (D)	State Farmworkers Drought Resilience Pilot Project		Requires the department, commencing a specified date, and subject to an appropriation by the Legislature, to administer the Farmworkers Drought Resilience Pilot Project, under which certain households that include a person who worked as a farmworker for the entire period beginning a specified date, and ending a specified date, among other requirements, would receive supplemental pay of a specified amount per month for certain years.	05/02/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1068</u> Laird (D)	Governor's Office of Business and Economic Development		Requires the Governor's Office of Business and Economic Development to develop economic forecasts. Requires the economic forecasts to include climate impacts.	04/04/2022 - From SENATE Committee on BUSINESS, PROFESSIONS AND ECON. DEVELOPMENT: Do pass to Committee on APPROPRIATIONS.
<u>SB 1069</u> Umberg (D)	State Grant Programs: Negotiated Cost Rate Agreements		Establishes the Department of General Services in the Government Operations Agency for purposes of providing centralized services of state government. Establishes various state grant programs.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1075</u> Skinner (D)	Hydrogen: Green Hydrogen: Emissions Of Greenhouse Gases		Creates the California Clean Hydrogen Hub Fund within the State Treasury, and makes the moneys in the fund available for expenditure, upon appropriation by the Legislature. Requires the I-Bank to administer the fund and would authorize the I-Bank to provide grants to public, private, and nonprofit businesses and entities for the support of projects in California that demonstrate and scale the production, processing, delivery, storage, and end use of clean hydrogen, as specified.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1077</u> Bates (R)	Coastal Resources: Climate Ready Program: Grants		Authorizes the conservancy to award grants to public agencies and nonprofit organizations that increase resilience of habitat and natural lands. Requires the conservancy, in awarding grants, as part of the prioritization of projects described above, to include those projects that accomplish the removal of nonnative and invasive plants from coastal features, habitats, and ecosystems, and their replacement with native species. Relates to the program for the removal of nonnative and invasive plants.	04/04/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1078</u> Allen (D)	Sea Level Rise Revolving Loan Pilot Program		Requires the council, in consultation with the conservancy, to develop the Sea Level Rise Revolving Loan Pilot Program for purposes of providing low interest loans to local jurisdictions for the purchase of coastal properties in their jurisdictions identified as vulnerable coastal property located in specified communities, including low income communities, as provided. Establishes the Sea Level Rise Revolving Loan Fund.	04/04/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1084</u> Hurtado (D)	Property Ownership: Foreign Ownership		Prohibits a foreign government from purchasing, acquiring, or holding an interest, as defined, in agricultural land within the State. Exempts land held by foreign governments before a specified date, from that prohibition. Requires the department to be reimbursed for costs incurred for compiling data, printing, and mailing the report, as specified.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1095</u> Durazo (D)	Air Quality: Rules and Regulations		Authorizes a local air district to contract with a third party to conduct the required assessment of socioeconomic impacts. Requires a local air district to ensure that a prospective third party contractor include in its proposal for the assessment specified information, including, among other things, a conflicts statement and a proposed schedule and budget for the assessment. Expands the definition of socioeconomic impacts.	04/18/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1100</u> Cortese (D)	Open Meetings: Orderly Conduct		Authorizes the presiding member of the legislative body conducting a meeting to remove an individual for disrupting the meeting. Requires removal to be preceded by a warning by the presiding member of the legislative body that the individual is disrupting the proceedings, a request that the individual curtail their disruptive behavior or be subject to removal, and a reasonable opportunity to curtail their disruptive behavior.	05/05/2022 - To ASSEMBLY Committees on LOCAL GOVERNMENT and JUDICIARY.
<u>SB 1101</u> Caballero (D)	Carbon Sequestration		Requires the state board, in consultation with the Geologic Carbon Sequestration Group, which the bill would establish in the California Geological Survey, to establish a Carbon Capture, Utilization, and Storage Program, as provided, for developing the commercial application of carbon capture, utilization, and storage technologies to reduce carbon dioxide emissions from new and existing facilities with a primary objective of deploying projects that will accelerate, to the maximum extent practicable.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1102</u> Glazer (D)	Occupational Safety and Health		Requires the Occupational Safety and Health Standards Board to post information on any proposed order or standard on the boards internet website no later than 5 calendar days following the meeting. Requires the board, in conjunction with the Division of Occupational Safety and Health, to report to the Legislature as soon as practicable on the need to update regulations governing agricultural equipment that comply with specified standards.	04/27/2022 - In SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Not heard.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1109</u> Caballero (D)	California Renewables Portfolio Standard Program		Extends the electrical corporations obligation to collectively procure their proportionate share of 125 megawatts of cumulative rated generating capacity from bioenergy projects to specified date. Revises the financial commitments by which electrical corporations collectively procure their proportionate share of the cumulative rated generating capacity to 5 to 15 years, inclusive.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1118</u> Borgeas (R)	California Environmental Quality Act: Judicial Relief		States the intent of the Legislature that, in undertaking judicial review under the California Environmental Quality Act, insubstantial or merely technical omissions are not grounds for relief and that an omission in an environmental impact report's significant impacts analysis is prejudicial if it deprived the public and decisionmakers of substantial relevant information about the project's likely adverse impacts.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1124</u> Archuleta (D)	Public Health Goal: Primary Drinking Water Standard		Requires Office of Environmental Health Hazard Assessment to prepare a public health goal for manganese. Requires the state board, after OEHHA publishes a public health goal for manganese, to adopt a primary drinking water standard for manganese and to establish monitoring requirements for manganese. Requires the state board to consider establishing a notification or response level for manganese that would remain in place until the state board adopts a primary drinking water standard for manganese.	04/25/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1127</u> Atkins (D)	Workers Compensation: Liability Presumptions		Reduces Workers compensation liability presumptions from 90-day time periods to 60 days for all injuries and employees and, for certain injuries or illnesses, including hernia, heart trouble, pneumonia, or tuberculosis, among others, sustained in the course of employment of a specified member of law enforcement or a specified first responder, would reduce those time periods to 30 days.	04/04/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1136</u> Portantino (D)	Expedited Environmental Review: Climate Change		Requires those specified public agencies, at the time of adoption of a rule or regulation requiring compliance with an energy efficiency standard, to perform an environmental analysis of the reasonably foreseeable methods of compliance. Imposes additional requirements on air districts. Imposes a state mandated local program. Authorizes the use of a focused environmental impact report for a project that consists of the installation of pollution control equipment or new or modified equipment.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1144</u> Wiener (D)	Water Efficiency and Quality Assessment Reports		Requires, no later than specified date, except as provided, an operating agency, as defined, to complete a water efficiency and quality assessment report, as specified, for each covered building. Defines a "covered building" to mean a building owned and occupied, or leased and occupied, by a state agency, or a public school building, as described.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1157</u> Hertzberg (D)	Urban Water Use Objectives: Indoor Residential Use	OPPOSE UNLESS AMENDED	Relates to Urban water use objectives and indoor residential water use. Eliminates the option of using the greater of 52.5 gallons per capita daily and the greater of 50 gallons per capita daily, as applicable, or a standard recommended by the department and the board as the standard for indoor residential water use.	05/05/2022 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
<u>SB 1162</u> Limon (D)	Employment: Salaries and Wages		Requires a private employer that has 100 or more employees to submit a pay data report to Department of Fair Employment and Housing (DFEH).	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1163</u> Dahle (R)	Enhanced Infrastructure Financing Districts		Makes a nonsubstantive change to Enhanced Infrastructure Financing Districts.	03/02/2022 - To SENATE Committee on RULES.
<u>SB 1166</u> Grove (R)	Department of Water Resources: Appropriations of Water		Makes nonsubstantive changes to the Department of Water Resources and appropriations of water.	03/02/2022 - To SENATE Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1168</u> Cortese (D)	Public Employees' Retirement: Beneficiary Payment		Relates to Public Employees' Retirement System (PERS) required payment of \$500 to be made to a beneficiary upon the death of a member after retirement and while receiving a retirement allowance from PERS, unless otherwise provided. Increases this benefit to specified amount.	05/12/2022 - To ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT.
<u>SB 1173</u> Gonzalez (D)	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. Suspends the above described liquidation provision upon a good faith determination by the board that certain conditions materially impact normal market mechanisms for pricing assets.	05/02/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1188</u> Laird (D)	Safe Drinking Water State Revolving Fund: Assistance		Deletes provisions of the Safe Drinking Water State Revolving Fund relating to 0% financing and interest and would instead generally authorize the board, to the extent authorized by federal law, to provide reduced or 0% financing to further the purposes of the Safe Drinking Water State Revolving Fund Law of 1997. Deletes certain limitations on the financial assistance provided to water corporations regulated by the Public Utilities Commission.	04/18/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1192</u> Ochoa Bogh (R)	Public Contracts: Withheld Payments		Provides that a contractor includes a contractor performing a public works contract, as defined, and any person or entity who would qualify as a contractor, as specified.	05/05/2022 - To ASSEMBLY Committee on ACCOUNTABILITY AND ADMINISTRATIVE REVIEW.
<u>SB 1194</u> Allen (D)	Public Restrooms: Building Standards		Authorizes city, county, or city and county to require, by ordinance or resolution, that public restrooms constructed within its jurisdiction comply with specified requirements instead of complying with the plumbing standards set forth in the California Building Standards Code.	04/28/2022 - In SENATE. Read second time. To third reading.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1197</u> Caballero (D)	Water Innovation and Drought Resiliency Act of 2022		Enacts the Water Innovation and Drought Resiliency Act of 2022. Creates the Initiative to Advance Water Innovation and Drought Resiliency at the office for the furtherance of new technologies and other innovative approaches in the water sector. Requires the office to submit to the Legislature and post on its internet website a report detailing the actions taken as part of the initiative and recommendations for further actions.	05/02/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1205</u> Allen (D)	Water Rights: Appropriation		Requires the board to develop and adopt regulations to provide greater specificity as to the methods and practices for determining water availability in the issuance and administration of water right permits and licenses, including consideration of the effects of climate change, as specified, upon watershed hydrology as part of the preparation of water availability analyses.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1217</u> Allen (D)	State-Regional Collaborative for Climate		Establishes the State-Regional Collaborative for Climate, Equity, and Resilience to provide guidance, on or before January 1, 2024, to the state board for approving new guidelines for sustainable communities strategies.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1218</u> Hurtado (D)	Delta Stewardship Council: Annual Water Supply		Requires the Delta Stewardship Council at least once annually, to publish on its internet website, in consultation with relevant state and federal agencies and the public, a water supply reliability estimation for the water flows into the Delta and out of the Straits of Carquinez and into the San Francisco Bay.	03/02/2022 - To SENATE Committee on NATURAL RESOURCES AND WATER.
<u>SB 1219</u> Hurtado (D)	21st Century Water Laws and Agencies: Committee		Requires the Secretary of the Natural Resources Agency and the Secretary for Environmental Protection to convene a committee to develop and submit, on or before a specified date, to the Governor and to the Legislature a strategic vision, proposed statutes, and recommendations for a modern 21st century set of water laws and regulations and state and local water agencies for the state.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
SB 1220 Hurtado (D)	Sustainable Groundwater Management Act: Groundwater		Provides that nothing in specified provisions relating to making submissions to the Department of Water Resources shall be construed to prohibit groundwater sustainability agencies that have developed multiple groundwater sustainability plans for a basin from amending the coordination agreement following Department of Water Resources issuance of an assessment of the plans.	03/02/2022 - To SENATE Committee on NATURAL RESOURCES AND WATER.
SB 1221 Hurtado (D)	Wastewater Operator Certification Program		Makes a nonsubstantive change in the provisions concerning Wastewater operator certification program regarding accepting experience in lieu of qualification training.	03/02/2022 - To SENATE Committee on RULES.
SB 1224 Bates (R)	Watersheds: Wildlife Habitat: Orange and San Diego		Makes an appropriation from the General Fund to the Wildlife Conservation Board for grants to acquire fee title or conservation easements or to perform restoration, or a combination thereof, in watersheds with habitats for sensitive wildlife populations in specified regions in the Counties of Orange and San Diego, as provided.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
SB 1230 Limon (D)	Zero-Emission and Near-Zero-Emission Vehicle Incentive		Requires the State Air Resources Board, with respect to the various zero-emission and near-zero-emission vehicle incentive programs administered or funded by the state board, to adopt certain revisions to those programs if the state board finds those revisions to be feasible. Requires the state board, if it finds that the adoption of one or more of the revisions is infeasible, to prepare a report, as specified, describing the rationale for the finding, to post the report on its internet website.	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
SB 1235 Borgeas (R)	Air Pollution: Portable Equipment: Emergency Events		Codifies the State Air Resources Board's regulation authorizing portable equipment to be operated during an emergency event, as defined, and would also authorize portable equipment to be operated during a public safety power shut-off event.	03/02/2022 - To SENATE Committee on ENVIRONMENTAL QUALITY.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1253</u> Melendez (R)	Infrastructure Plan: Flood Control: Delta Levees		Require the plan to set out infrastructure priorities relating to specified flood prevention and maintenance projects.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1254</u> Hertzberg (D)	Drinking Water: Administrator: Managerial Services		Expands the definition of designated water system and limit the liability of an administrator when the State Water Resources Control Board appoints an administrator to a designated water system, as prescribed.	05/17/2022 - In SENATE. Read second time. To Consent Calendar.
<u>SB 1261</u> Stern (D)	Residential Building Extreme Heat Zone Mitigation Grant		Requires the commission, in consultation with the Natural Resources Agency, to develop a residential building extreme heat zone mitigation grant program to provide grants to residents to mitigate extreme heat related impacts. Requires the commission, beginning a specified date of the year following the first year in which grants are awarded and annually thereafter, to report to the appropriate policy committees of the Legislature a summary of the grants awarded under the program, as specified.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1264</u> Dahle (R)	Property Assessed Clean Energy Program: Wildfire Safety		Authorizes specified public agencies to enter into voluntary contractual assessments with property owners to finance the installation of wildfire safety improvements, as defined, that are permanently fixed to real property, and would repeal the requirement that the improvement be fixed to existing real property.	03/02/2022 - To SENATE Committee on GOVERNANCE AND FINANCE.
<u>SB 1270</u> Umberg (D)	Courts: Civil Trials: COVID-19		Expresses the intent of the Legislature to help facilitate the successful operation of civil trials in the courts during the COVID-19 pandemic.	03/02/2022 - To SENATE Committee on RULES.
<u>SB 1292</u> Stern (D)	Development Restriction: Fire Hazard Severity Zones		Authorizes a city, county, or city and county to restrict the development of residential housing in moderate, high, and very high fire hazard severity zones, as defined, if the city, county, or city and county adopts a plan, as specified, ensuring the production of at least double the number of residential units not developed as a result of the restriction.	03/24/2022 - In SENATE Committee on HOUSING: Not heard.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1324</u> Durazo (D)	Rosenthal Fair Debt Collection Practices Act		Defines consumer debt, for purposes of the Rosenthal Fair Debt Collection Practices Act, to additionally include rental debt that became past due on or after specified date. Specifies that, for the purposes of the Debt Collection Licensing Act, the term consumer credit transaction does not mean a transaction that results in rental debt. Exempts a landlord collecting rent, as specified, from the requirement to comply with the provisions of the FDCPA related to mandatory disclosures.	05/02/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1332</u> Becker (D)	Building Performance Standards		Provides that it is the intent of the Legislature to later enact legislation to create building performance standards for improvements in water and energy efficiency and reductions in the emissions of greenhouse gases in large buildings and to create a set of related financial support programs and tenant protection measures.	03/16/2022 - From SENATE Committee on RULES with author's amendments.;03/16/2022 - In SENATE. Read second time and amended. Re-referred to Committee on RULES.
<u>SB 1345</u> Ochoa Bogh (R)	Excavations: Subsurface Installations		Revises the definition of legal excavation start date and time to, among other things, exclude weekends and holidays. Revises the definition of subsurface installation to include nonpressurized sewerlines, nonpressurized storm drains, and other nonpressurized drain lines. Revises the definition of working day by the deleting provision limiting the hours from specified time.	04/25/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1346</u> Becker (D)	Surplus Medication Collection and Distribution		Removes the requirement that the participating entity disclose source information to the county health department. Removes the requirement that the records be kept separate and conform to the Pharmacy Law.	05/02/2022 - In SENATE. Read second time. To third reading.
<u>SB 1372</u> Stern (D)	Sustainable Groundwater Management Act		Provides that the approval of a groundwater sustainability plan by the department shall not be construed to be a determination by or otherwise an opinion of the department that the allocation of groundwater pumping rights in the plan are consistent with groundwater rights law.	05/05/2022 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 1373</u> Kamlager (D)	Surplus Land Disposal		Extends the date by which the disposition of property must be completed to specified date, if the property meets specified requirements. Extends that date further if the disposition of property, the local agency's right or ability to dispose of the property, or a development project for which the property is proposed to be transferred, is the subject of judicial challenge. Declares that it is to take effect immediately as an urgency statute.	05/09/2022 - In SENATE. Read second time. To third reading.
<u>SB 1392</u> McGuire (D)	Fish and Wildlife: Steelhead Trout		Relates to steelhead trout fishing report-restoration card. Extends the operation of this report-restoration card program until specified date.	05/02/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1396</u> Bradford (D)	Tenancy: Credit Reporting: Lower Income Households		Requires an independent evaluator, upon appropriation by the Legislature for this purpose, to be selected by the Department of Financial Protection and Innovation and to be responsible for conducting an evaluation on the impact of rental payment reporting in the State. Requires the evaluator to be chosen through a competitive process after the first year of completion, as specified. Requires the evaluator to create an annual report that contains certain information.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
<u>SB 1420</u> Dahle (R)	Public Employees Retirement: Reciprocal Benefits		Requires that an agency participating in PERS that increases the compensation of a member who was previously employed by a different agency to bear all actuarial liability for the action if it results in an increased actuarial liability beyond what would have been reasonably expected for the member.	04/27/2022 - In SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Failed passage.;04/27/2022 - In SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Reconsideration granted.
<u>SB 1426</u> Caballero (D)	Cannabis: Water Pollution Crimes		Amends AUMA by making it a misdemeanor or felony to plant, cultivate, harvest, dry, or process more than 50 living cannabis plants, or any part thereof, and where that activity involves theft of groundwater, unauthorized tapping into a water conveyance or	05/16/2022 - In SENATE Committee on APPROPRIATIONS: To Suspend File.

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			storage infrastructure or digging or extracting groundwater from an unpermitted well.	
<u>SB 1439</u> Glazer (D)	Campaign Contributions: Agency Officers		Extends the prohibition on contributions to the spouse of a party, participant, or a party or participant's agent, as specified, if the contribution is made from their joint bank account.	04/18/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1442</u> Borgeas (R)	Water Conservation and Reclamation Projects		Makes nonsubstantive changes to related legislative findings and declarations of water conservation and reclamation projects.	03/09/2022 - To SENATE Committee on RULES.
<u>SB 1454</u> Archuleta (D)	California Privacy Rights Act of 2020: Exemptions		Extends those above-described exemptions indefinitely, authorizes the Legislature to amend the act to further the purposes and intent of the act by a majority vote of both houses of the Legislature, as specified.	03/23/2022 - Re-referred to SENATE Committee on JUDICIARY.
<u>SB 1458</u> Limon (D)	Workers Compensation: Disability Benefits: Gender		Increases the payment of disability benefits by the percentage of disparity in earnings between genders, as specified.	05/09/2022 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
<u>SB 1490</u> Governance and Finance Cmt	Validations		Enacts the First Validating Act of 2022, which would validate the organization, boundaries, acts, proceedings, and bonds of the state and counties, cities, and specified districts, agencies, and entities.	04/28/2022 - To ASSEMBLY Committee on LOCAL GOVERNMENT.
<u>SB 1494</u> Governance and Finance Cmt	Property Taxation: Revenue Allocations: Property Sales		Requires, under the procedures for collecting both personal and real property taxes, the tax collector to collect its cost for preparing the delinquent tax records and giving notice of delinquency. Authorizes, under the sealed bid or public auction sale procedures for tax-defaulted property, the tax collector to offer, if the highest bidder does not consummate the sale within the time period determined by the tax collector, the property to the next highest bidder at their bid price.	05/05/2022 - To ASSEMBLY Committee on REVENUE AND TAXATION.
<u>SCA 1</u> Hertzberg (D)	Elections: Referenda		Requires that the ballot for a referendum measure provide that a Yes vote is in favor of the referendum and rejects the statute or part of the statute subject to the referendum, and a No vote is against the	09/01/2021 - In SENATE. From third reading. To Inactive File.

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			referendum and approves the statute or part of the statute subject to the referendum, thus requiring a majority vote in favor of the referendum to reject the statute or part of the statute subject to the referendum.	
<u>SCA 9</u> Gonzalez (D)	Personal Rights: Right to Housing		Declares that the fundamental human right to housing exists in this state. Specifies that it is the shared obligation of state and local jurisdictions to respect, protect, and fulfill this right through progressively implemented measures, consistent with available resources, within an aggressive but reasonable timeframe.	03/23/2022 - To SENATE Committees on HOUSING and ELECTIONS AND CONSTITUTIONAL AMENDMENTS.
<u>SCR 5</u> Melendez (R)	State of emergency: COVID-19: Termination		Declares that the state of emergency proclaimed by the Governor on a specified date, is at an end, thereby terminating the emergency powers granted to the Governor as a result of that proclamation.	03/15/2022 - In SENATE Committee on GOVERNMENTAL ORGANIZATION: Failed passage.;03/15/2022 - In SENATE Committee on GOVERNMENTAL ORGANIZATION: Reconsideration granted.
<u>SCR 104</u> Limon (D)	Compost Awareness Week		Designates the week of May 1, 2022, through May 7, 2022, as Compost Awareness Week.	05/12/2022 - From ASSEMBLY Committee on RULES: Be adopted. To Consent Calendar.;05/12/2022 - In ASSEMBLY. Ordered to Consent Calendar.
<u>HR 616</u> Tlaib (D)	Water Shutoffs Prohibition		Prohibits water shutoffs during the Coronavirus disease 2019 emergency period, provides drinking and waste water assistance to households.	01/28/2021 - INTRODUCED.;01/28/2021 - To HOUSE Committee on ENERGY AND COMMERCE.;01/28/2021 - To HOUSE Committee on EDUCATION AND LABOR.
<u>HR 737</u> Valadao (R)	California Operational Flexibility and Drought Relief		Extends the authorities under the Water Infrastructure Improvements for the Nation Act of 2016 providing operational flexibility, drought relief, and other benefits to the State of California.	02/02/2021 - INTRODUCED.;02/02/2021 - To HOUSE Committee on NATURAL RESOURCES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>HR 1015</u> Napolitano (D)	Water Recycling and Reuse Project Grants	SUPPORT	Establishes a grant program for the funding of water recycling and reuse projects.	02/11/2021 - INTRODUCED.;02/11/2021 - To HOUSE Committee on NATURAL RESOURCES.
<u>HR 1352</u> Lawrence (D)	Trust Fund for Water and Sewer Infrastructure		Establishes a trust fund to provide for adequate funding for water and sewer infrastructure.	04/05/2021 - In HOUSE Committee on AGRICULTURE: Referred to Subcommittee on CONSERVATION AND FORESTRY.
<u>HR 1848</u> Pallone (D)	National Infrastructure		Rebuilds and modernizes the Nation's infrastructure to expand access to broadband and Next Generation 9-1-1, rehabilitate drinking water infrastructure, modernize the electric grid and energy supply infrastructure, redevelop brownfields, strengthen health care infrastructure, create jobs, and protect public health and the environment.	01/20/2022 - In HOUSE Committee on NATURAL RESOURCES: Referred to Subcommittee on INDIAN, INSULAR AND ALASKA NATIVE AFFAIRS.;01/20/2022 - In HOUSE Committee on NATURAL RESOURCES: Referred to Subcommittee on ENERGY AND MINERAL RESOURCES.
<u>HR 1915</u> DeFazio (D)	Federal Water Pollution Control Act		Amends the Federal Water Pollution Control Act to reauthorize certain water pollution control programs.	06/22/2021 - From HOUSE Committee on TRANSPORTATION AND INFRASTRUCTURE: Reported as amended.;06/22/2021 - In HOUSE. Placed on HOUSE Union Calendar.
<u>HR 2238</u> Lowenthal A (D)	Single Use Plastic Production Reduction		Amends the Solid Waste Disposal Act to reduce the production and use of certain single-use plastic products and packaging, to improve the responsibility of producers in the design, collection, reuse, recycling, and disposal of their consumer products and packaging, to prevent pollution from consumer products and packaging from entering into animal and human food chains and waterways.	03/29/2021 - In HOUSE Committee on TRANSPORTATION & INFRASTRUCTURE: Referred to Subcommittee on WATER RESOURCES AND ENVIRONMENT.
<u>HR 2467</u> Dingell D (D)	Hazardous Substances		Requires the Administrator of the Environmental Protection Agency to designate per- and polyfluoroalkyl substances as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980.	07/22/2021 - In SENATE. Read second time.;07/22/2021 - To SENATE Committee on ENVIRONMENT AND PUBLIC WORKS.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>HR 2468</u> Garamendi (D)	Federal Infrastructure Aid Program Materials		Ensures that certain materials used in carrying out federal infrastructure aid programs are made in the United States.	06/07/2021 - In HOUSE Committee on AGRICULTURE: Referred to Subcommittee on COMMODITY EXCHANGES, ENERGY, AND CREDIT.
<u>HR 3291</u> Tonko (D)	Water System Assistance		Amends the Safe Drinking Water Act to provide assistance for states, territories, areas affected by natural disasters, and water systems and schools affected by PFAS or lead, and to require the Environmental Protection Agency to promulgate national primary drinking water regulations for PFAS, microcystin toxin, and 1,4-dioxane.	06/29/2021 - From HOUSE Committee on ENERGY AND COMMERCE: Reported as amended.;06/29/2021 - In HOUSE. Placed on HOUSE Union Calendar.
<u>HR 3292</u> Dingell D (D)	Residential Emergency Relief Program		Requires the Administrator of the Environmental Protection Agency to carry out a residential emergency relief program to provide payment assistance for households to retain water service.	05/18/2021 - INTRODUCED.;05/18/2021 - To HOUSE Committee on ENERGY AND COMMERCE.;05/19/2021 - In HOUSE Committee on ENERGY AND COMMERCE: Referred to Subcommittee on ENVIRONMENT.
<u>HR 3293</u> Blunt Rochester (D)	Drinking Water and Wastewater Service Assistance		Amends the Safe Drinking Water Act and the Federal Water Pollution Control Act to establish programs to assist low-income households in maintaining access to drinking water and wastewater services.	06/29/2021 - From HOUSE Committee on ENERGY AND COMMERCE: Reported as amended.
<u>HR 3404</u> Huffman (D)	Drought Preparedness	SUPPORT IF AMENDED	Provides drought preparedness and improved water supply reliability to the nation.	05/20/2021 - INTRODUCED.;05/21/2021 - In HOUSE Committee on ENERGY AND COMMERCE: Referred to Subcommittee on ENVIRONMENT.;05/21/2021 - In HOUSE Committee on TRANSPORTATION & INFRASTRUCTURE: Referred to

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
				Subcommittee on WATER RESOURCES AND ENVIRONMENT.
<u>HR 3622</u> Pappas (D)	Water Quality Criteria		Requires the Administrator of the Environmental Protection Agency to develop effluent limitations guidelines and standards and water quality criteria for PFAS under the Federal Water Pollution Control Act, provides Federal grants to publicly owned treatment works to implement such guidelines and standards.	06/01/2021 - In HOUSE Committee on TRANSPORTATION & INFRASTRUCTURE: Referred to Subcommittee on WATER RESOURCES AND ENVIRONMENT.
<u>HR 4099</u> Napolitano (D)	Water Recycling and Reuse Projects		Directs the Secretary of the Interior to establish a grant program to provide grants on a competitive basis to eligible entities for large-scale water recycling and reuse projects.	06/29/2021 - Subcommittee on WATER, POWER AND OCEANS hearings held.
<u>HR 4602</u> Lowenthal A (D)	Do Not Flush Labeling	SUPPORT	Directs the Federal Trade Commission to issue regulations requiring certain products to have "Do Not Flush" labeling.	07/21/2021 - INTRODUCED.;07/21/2021 - To HOUSE Committee on ENERGY AND COMMERCE.;07/22/2021 - In HOUSE Committee on ENERGY AND COMMERCE: Referred to Subcommittee on DIGITAL COMMERCE AND CONSUMER PROTECTION.
<u>HR 6591</u> McClain (R)	Disposable Nonwoven Wipes Flushability	SUPPORT	Requires the Administrator of the Environmental Protection Agency to publish a rule that establishes standards for the flushability of disposable nonwoven wipes.	02/03/2022 - INTRODUCED.;02/03/2022 - To HOUSE Committee on ENERGY AND COMMERCE.
<u>HR 6705</u> Blunt Rochester (D)	Improvements to Rivers and Harbors		Provides for improvements to the Rivers and harbors of the United States, to provide for the conservation and development of water and related resources.	02/14/2022 - In HOUSE Committee on TRANSPORTATION & INFRASTRUCTURE: Referred to Subcommittee on WATER RESOURCES AND ENVIRONMENT.
<u>S 914</u> Duckworth (D)	Safe Drinking Water Act		Amends the Safe Drinking Water Act and the Federal Water Pollution Control Act to reauthorize programs under those Acts.	04/29/2021 - In SENATE. Amendment SA 1471 proposed by Senator Rubio to Amendment SA 1460.;04/29/2021 - In SENATE. Amendment SA 1461

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
				proposed by Senator Shaheen to Amendment SA 1460.;04/29/2021 - In SENATE. Amendment SA 1469 proposed by Senator Kennedy
<u>S 1907</u> Gillibrand (D)	Water Quality Criteria		Requires the Administrator of the Environmental Protection Agency to develop effluent limitations guidelines and standards and water quality criteria for PFAS under the Federal Water Pollution Control Act, to provide Federal grants to publicly owned treatment works to implement such guidelines and standards.	05/27/2021 - INTRODUCED.;05/27/2021 - In SENATE. Read second time.;05/27/2021 - To SENATE Committee on ENVIRONMENT AND PUBLIC WORKS.
<u>S 2454</u> Padilla (D)	Alternative Water Source Projects		Amends the Federal Water Pollution Control Act to reauthorize the pilot program for alternative water source projects.	07/22/2021 - In SENATE. Read second time.;07/22/2021 - To SENATE Committee on ENVIRONMENT AND PUBLIC WORKS.
<u>S 3624</u> Carper (D)	Improvements to Rivers and Harbors		Provides for improvements to the rivers and harbors of the United States, to provide for the conservation and development of water and related resources.	02/10/2022 - INTRODUCED.;02/10/2022 - In SENATE. Read second time.;02/10/2022 - To SENATE Committee on ENVIRONMENT AND PUBLIC WORKS.
<u>S 3956</u> Merkley (D)	Do Not Flush Labeling Requirements	SUPPORT	Directs the Administrator of the Environmental Protection Agency to establish a grant program to improve the effectiveness of education and outreach on Do Not Flush labeling, and to require the Federal Trade Commission, in consultation with the Administrator, to issue regulations requiring certain products to have Do Not Flush labeling.	03/30/2022 - INTRODUCED.;03/30/2022 - In SENATE. Read second time.;03/30/2022 - To SENATE Committee on COMMERCE, SCIENCE, AND TRANSPORTATION.