

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

November 28, 2022

**CALL TO ORDER** 5:00 p.m.

**PLEDGE OF ALLEGIANCE**

**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=m1e2a460359353bc57d53d759295ab4dd>  
Meeting Number (Access Code): 2497 155 4467  
Meeting Password: cZTu3wbqy66

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](mailto:comments@irwd.com) before 12:00 p.m. on Monday, November 28, 2022.

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**COMMUNICATIONS TO THE BOARD**

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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).

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**CONSENT CALENDAR, ITEMS 4-9**

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4. BOARD MEETING MINUTES

Recommendation: That the minutes of the November 14, 2022 Regular Board meeting be approved as presented.

5. OCTOBER 2022 TREASURY REPORT

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 October 2022 summary of payroll ACH payments in the total amount of \$2,357,738, and approve the October 2022 accounts payable disbursement summary of warrants 431013 through 431652, Workers' Compensation distributions, ACH payments, virtual card payments, wire transfers, payroll withholding distributions and voided checks in the total amount of \$39,456,642.

6. PROPOSED 2023 INVESTMENT POLICY

Recommendation: That the Board approve the proposed 2023 Investment Policy and adopt the following resolution by title.

Reso. No. 2022-18

7. GENERAL MANAGER COMPENSATION CHANGES

Recommendation: That the Board approve an increase to the annual salary of the General Manager to the amount of \$364,751, an increase to the General Manager's automobile allowance to \$875 per month, and a one-time performance award in the amount of \$32,100, all effective October 1, 2022.

8. ANNUAL BOARD OF DIRECTORS' FEES

Recommendation: That the Board defer the five (5%) percent compensation increase for calendar year 2023.

9. PLANNING AREA 1 ORCHARD HILLS NEIGHBORHOOD 4 RECYCLED WATER IMPROVEMENTS

Recommendation: That the Board authorize the General Manager to accept Irvine Community Development Company, LLC's construction contract with FYDAQ Company, Inc. in the amount of \$888,981, and authorize a budget increase for Project 01722 in the amount of \$713,500, from \$566,500 to \$1,280,000, for the Planning Area 1 Orchard Hills Neighborhood 4 Recycled Water Improvements.

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**ACTION CALENDAR**

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10. MICHELSON WATER RECYCLING PLANT FUELING FACILITY BUDGET INCREASE AND CONSTRUCTION AWARD

Recommendation: That the Board authorize budget increases in the amount of \$1,546,000, from \$2,630,000 to \$4,176,000, for Project 07881 and in the amount of \$2,717,000, from \$5,257,000 to \$7,974,000, for Project 07882, and authorize the General Manager to execute a construction contract with Innovative Construction Solutions in the amount of \$9,547,000 for the Michelson Water Recycling Plant Fueling Facility, Projects 07881 and 07882.

11. ETWD – IRWD SOUTH ORANGE COUNTY WASTEWATER AUTHORITY RIGHTS ASSIGNMENT AND ASSUMPTION AGREEMENT

Recommendation: That the Board authorize the General Manager to execute the El Toro Water District / Irvine Ranch Water District South Orange County Wastewater Authority Rights Assignment and Assumption Agreement subject to non-substantive changes.

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**OTHER BUSINESS**

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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.

12. General Manager's Report


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

14. Directors' Comments

15. Adjournment

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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.

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November 28, 2022  
Prepared and  
submitted by: K. Swan  
Approved by: Paul A. Cook 

CONSENT CALENDAR

BOARD MEETING MINUTES

SUMMARY:

Provided are the minutes of the November 14, 2022 Regular Board meeting for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE NOVEMBER 14, 2022 REGULAR BOARD MEETING BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

Exhibit "A" – November 14, 2022 Minutes

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EXHIBIT "A"

MINUTES OF REGULAR MEETING – NOVEMBER 14, 2022

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 5:05 p.m. by Acting President McLaughlin on November 14, 2022, at the District offices, 15600 Sand Canyon Avenue, Irvine.

Directors Present: Swan, Withers, Reinhart, and McLaughlin; LaMar, via teleconference.

Directors Absent: None.

Written and Oral Communications: None.

Also Present: General Manager Cook, Executive Director of Operations Chambers, Executive Director of Finance and Administration Clary, Executive Director of Technical Services Burton, Executive Director of Water Policy Weghorst, Director of Treasury and Risk Management Jacobson, Director of Water Quality and Regulatory Compliance Colston, Director of Human Resources Mitcham, Director of Maintenance Manning, Director of Safety and Security Choi, Director of Information Services Kaneshiro, Treasury Manager Davis, Community Relations Manager Van Dyke, Assistant Secretary Swan, General Counsel Collins, Consultant Newell and members of the staff and public.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

General Counsel Collins presented an Addendum to the Agenda, that was noticed on both the District's Bulletin Board and Web site that day requiring the need to discuss and take immediate action on the following items:

ITEM 3A. DETERMINATION OF NEED TO TAKE IMMEDIATE ACTION

Recommendation: That pursuant to the Brown Act, Government Code section 54954.2(b), the Board determines that:

- (1) there is a need to take immediate action to adopt the AB 361 Remote Meetings Authorization to allow President LaMar, who is sick, to participate in today's meeting; and
- (2) that the need for action came to the attention of the local agency subsequent to the agenda being posted because the meeting agenda was posted on Thursday, November 10, 2022 and President LaMar was not sick and unavailable to attend in person until today, November 14, 2022.

Vote Required: At least three in favor to pass.

On MOTION by Swan, and seconded by Withers, Item 3A was approved 4-0.

ITEM 3B. TELECONFERENCE MEETINGS AUTHORIZATION

Recommendation: That the Board Adopt Resolution No. 2022-15 (attached) ratifying the proclamation of a State of Emergency by California Governor Gavin Newsom and authorizing remote teleconference meetings of the Board of Directors.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED (CONTINUED)

Vote Required: Majority of those present and voting.

On MOTION by Swan, and seconded by Withers, Item 3B was approved 4-0.

RESOLUTION NO. 2022 – 15

RESOLUTION OF THE BOARD OF DIRECTORS OF  
IRVINE RANCH WATER DISTRICT  
MAKING FINDINGS THAT THE PROCLAIMED STATE OF EMERGENCY  
IMPACTS THE ABILITY TO MEET SAFELY IN PERSON

Following adoption of RESOLUTION NO. 2022-15, Director LaMar was qualified to participate in the meeting via teleconference, requiring a roll call vote for all items for the remainder of the meeting.

CONSENT CALENDAR

Director Swan requested that item No. 7, be moved to the Action Calendar for discussion, and Director Reinhart requested to make a comment regarding item No. 5 – that he has concerns regarding the Department of Water Resources memorandum to the State Water Resources Control Board providing recommendations for long-term water use efficiency as it pertains to landscaping. There being no objection, item No. 7 was moved accordingly. On MOTION by Withers, seconded by Swan and unanimously carried (5-0-0), CONSENT CALENDAR ITEMS 4 THROUGH 6, AND 8 WERE APPROVED AS FOLLOWS:

4. BOARD MEETING MINUTES

Recommendation: That the minutes of the October 24, 2022, Regular Board meeting be approved as presented.

5. 2022 LEGISLATIVE AND REGULATORY UPDATE

Recommendation: Receive and file.

6. ACWA 2022 MEMBERSHIP MEETING

Recommendation: That the Board designate President Steve LaMar as IRWD’s voting delegate and Paul Cook, IRWD’s General Manager as his alternate, for the November 30, 2022, Association of California Water Agencies membership meeting, authorize the General Manager to sign and submit the “Voter Designation & Information Form” to ACWA designating President Steve LaMar and Paul Cook as its initial authorized voting representatives for the District, and support the proposed bylaw amendments.



CONSENT CALENDAR (CONTINUED)

8. WIRELESS NETWORK UPGRADE PROJECT

Recommendation: That the Board authorize the General Manager to execute a contract with NIC Partners in the amount of \$282,115, subject to non-substantive changes.

ACTION CALENDAR

REVISIONS TO IRWD'S CONFLICT OF INTEREST CODE

Director Swan asked for clarification regarding the changes to the District's Conflict of Interest Code, which staff provided. Following discussion, on MOTION by Swan, seconded by Reinhart and unanimously carried (5-0-0), REVISIONS TO IRWD'S CONFLICT OF INTEREST CODE was approved, adopting the following Resolution by title

RESOLUTION NO. 2022 – 16

RESOLUTION OF THE BOARD OF DIRECTORS OF  
IRVINE RANCH WATER DISTRICT RESCINDING  
RESOLUTION NO. 2020-20 AND ADOPTING A REVISED  
CONFLICT OF INTEREST CODE FOR THE DISTRICT

SEPTEMBER 2022 TREASURY REPORT

Director of Treasury and Risk Management Jacobson presented the September 2022 Treasury Report to the Board while focusing on IRWD's fixed income portfolio relative to the current and future interest rate environment, yield curve, and the District's 12-month cash flow requirements. He also described potential opportunities to extend maturities of certain securities. Per the Finance and Personnel Committee's request, Exhibit "G" was created – an evaluation of IRWD's short-term fixed income portfolio as of November 9, 2022.

Swan reported that this item was reviewed at the Finance and Personnel Committee meeting on October 4, 2022 and that he disagreed with staff's reasoning to allow funds to mature and invest at a higher rate. That there would be little to no chance or risk of the District losing money if the fixed income securities investment were discontinued prior to their maturity at the current interest rate. LaMar provided his insight from the Committee meeting, while he respects Director Swan's financial background, he supports staff recommendation. Executive Director of Finance Clary referenced G-1 of Exhibit "G", further indicating that predicting whether the rates will go up or down is unknown.

On MOTION by Reinhart, seconded by Withers and carried (Withers, Reinhart, McLaughlin, and LaMar voting aye, and Swan voting no (4-1-0 vote)), THE BOARD RECEIVED AND FILED THE TREASURER'S INVESTMENT SUMMARY REPORT AND THE SUMMARY OF FIXED AND VARIABLE RATE DEBT, AND DISCLOSURE REPORT OF REIMBURSEMENTS TO BOARD MEMBERS AND STAFF, APPROVED CONTINUED REINVESTMENT OF FIXED INCOME SECURITIES UPON THEIR MATURITY, APPROVED THE SEPTEMBER 2022 SUMMARY OF PAYROLL ACH PAYMENTS IN THE TOTAL AMOUNT OF \$2,330,154, AND APPROVED THE SEPTEMBER 2022

ACCOUNTS PAYABLE DISBURSEMENT SUMMARY OF WARRANTS 430168 THROUGH 431012, WORKERS' COMPENSATION DISTRIBUTIONS, ACH PAYMENTS, VIRTUAL CARD PAYMENTS, WIRE TRANSFERS, PAYROLL WITHHOLDING DISTRIBUTIONS AND VOIDED CHECKS IN THE TOTAL AMOUNT OF \$21,786,269.

DECLARATION OF REAL PROPERTY AS EXEMPT SURPLUS LAND

Executive Director of Technical Services Burton presented a request to declare certain parcels of land acquired with the consolidation with Orange Park Acres Mutual Water Company in 2008, are exempt surplus land, that is not necessary for the District's use. With a recommendation that the Board adopt a resolution declaring these parcels as exempt surplus land, it would authorize staff to negotiate the disposal of the property and find that the declaration and disposal of the property would be exempt from the California Environmental Quality Act.

With a MOTION by Reinhart, seconded by Withers and unanimously carried (5-0-0), THE BOARD ADOPTED THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION NO. 2022 – 17

RESOLUTION OF THE BOARD OF DIRECTORS OF  
IRVINE RANCH WATER DISTRICT  
DECLARING THAT REAL PROPERTY DESIGNATED APN 379-203-06  
AND 379-281-30 ARE EXEMPT SURPLUS LAND THAT IS NOT  
NECESSARY FOR THE DISTRICT'S USE, AUTHORIZING DISTRICT  
STAFF TO NEGOTIATE DISPOSAL OF THE PROPERTY, AND FINDING  
THAT THE DECLARATION AND DISPOSAL OF THE PROPERTY IS  
EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT.

GENERAL MANAGER'S REPORT

General Manager Cook reported to the Board that Christine Compton is out of the office for a well-deserved vacation.

COMMUNITY UPDATE

Consultant Newell reported to the Board that the three inches of rain caused moderate debris flow from the burn area in the canyons, and there was zero damage. With the upcoming Santa Ana winds, the likelihood of a fire is very low as the fuel moisture is still very high from last week's rain.

Southern California Edison continues its work in the Santiago Canyons.

DIRECTORS' COMMENTS

Director Reinhart reported his attendance at the meetings listed on the provided report including miscellaneous OCWD meetings and a SOCWA meeting.

Director Withers reported his attendance at the meetings listed on the provided report and reminded everyone that they are invited to attend the virtual STATE of OC SAN on Tuesday, November 15, 2022.

DIRECTORS' COMMENTS (CONTINUED)

Director Swan reported on his meeting with the City of Newport Beach regarding their interest in purchasing recycled water. He further added that he made a trip up to Kern County to see the District's Kern Fan property and received a briefing from the Assistant General Manager.

Director LaMar reported on his busy October, for the Southern California Water Coalition he participated in their Legislative Task Force meeting and webinar regarding the Collaborative Approach to the Colorado River; the MWDOC Workshop Board meeting; the OCBC Government Affairs Committee Meeting, the Orange County Coastkeeper's Toast the Coast; and several California Council for Environmental and Economic Balance meetings.

Director McLaughlin reported on her participation in Water UCI's Speaking of Water Series: Community Solutions to Water Injustice.

CLOSED SESSION

Legal Counsel Collins reported at 5:48p.m. that the following Closed Session items would be held:

CLOSED SESSION – PUBLIC EMPLOYEE PERFORMANCE EVALUATION and CONFERENCE WITH LABOR NEGOTIATOR pursuant to Government Code Sections 54957(b) and 54957.6, respectively:

Agency Designated Representative: President LaMar  
Position Title/Unrepresented Employee: General Manager

OPEN SESSION

Following the Closed Sessions, the meeting reconvened with Directors Withers, Reinhart, Swan, and McLaughlin. Acting President McLaughlin said there was no action to report.

ADJOURNMENT

At 7:12 p.m., the meeting was adjourned.

APPROVED and SIGNED this 28th day of November 2022.

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President, IRVINE RANCH WATER DISTRICT

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Secretary, IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

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Claire Hervey Collins, General Counsel  
Hanson Bridgett LLP

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November 28, 2022  
Prepared by: O. Mendoza / J. Davis  
Submitted by: R. Jacobson / C. Clary  
Approved by: Paul A. Cook 

## CONSENT CALENDAR

### OCTOBER 2022 TREASURY REPORT

#### SUMMARY:

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

- A. The October 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 October 31, 2022, as outlined in Exhibit "B";
- C. The Monthly Interest Rate Swap Summary as of October 31, 2022, as outlined in Exhibit "C";
- D. The October 31, 2022 Disbursement Summary of warrants 431013 through 431652, Workers' Compensation distributions, ACH payments, virtual card payments, wire transfers, payroll withholding distributions, and voided checks in the total amount of \$39,456,642, as outlined in Exhibit "D";
- E. The Summary of Payroll ACH payments in the total amount of \$2,357,738 as outlined in Exhibit "E"; and
- F. The Disclosure Report of Reimbursements to Board members and staff for October 2022, detailing payments or reimbursements for individual charges of \$100 or more per transaction, as outlined in Exhibit "F".

#### FISCAL IMPACTS:

As of October 31, 2022, the book value of the investment portfolio was \$349,962,498, with a 1.47% rate of return and a market value of \$343,928,522. Based on IRWD's September 30, 2022, quarterly real estate investment rate of return of 12.44%, the weighted average return for the fixed income and real estate investments was 3.83%.

As of October 31, 2022, the outstanding principal amount of fixed and variable rate debt was \$612,895,000. The monthly weighted average all-in variable rate was 2.34%. 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 3.46%.

Payroll ACH payments totaled \$2,357,738 and wire transfers, all other ACH payments, and checks issued for debt service, accounts payable, payroll, and water purchases for October totaled \$39,456,642.

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 OCTOBER 2022 SUMMARY OF PAYROLL ACH PAYMENTS IN THE TOTAL AMOUNT OF \$2,357,738, AND APPROVE THE OCTOBER 2022 ACCOUNTS PAYABLE DISBURSEMENT SUMMARY OF WARRANTS 431013 THROUGH 431652, WORKERS' COMPENSATION DISTRIBUTIONS, ACH PAYMENTS, VIRTUAL CARD PAYMENTS, WIRE TRANSFERS, PAYROLL WITHHOLDING DISTRIBUTIONS AND VOIDED CHECKS IN THE TOTAL AMOUNT OF \$39,456,642.

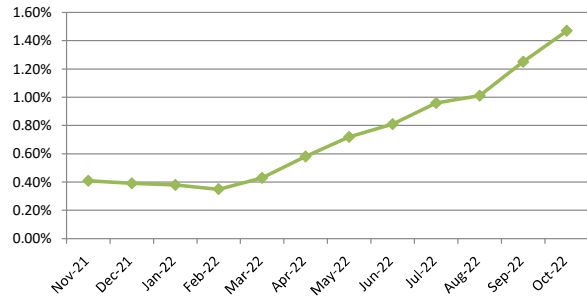
LIST OF EXHIBITS:

- 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

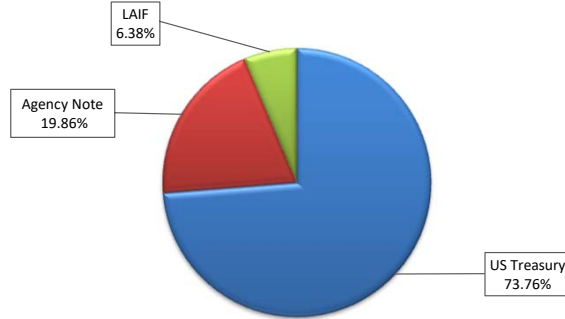
# Exhibit "A"

## Irvine Ranch Water District Investment Portfolio Summary October 2022

**Monthly Fixed Income Yield**



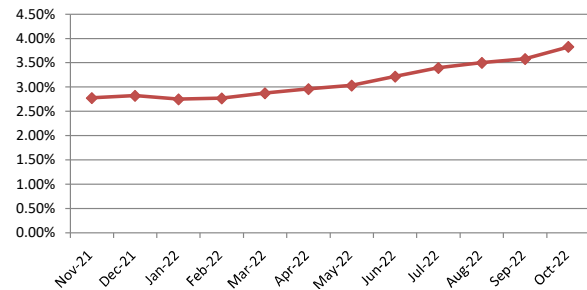
**Portfolio Distribution**



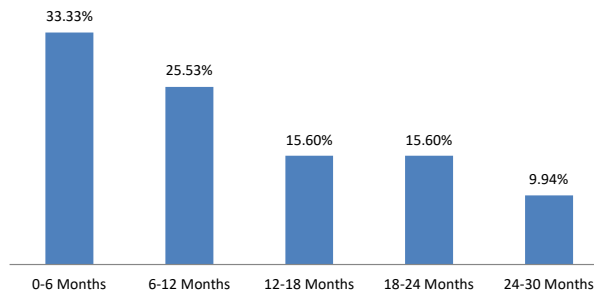
**Investment Summary**

Type	PAR	Book Value	Market Value
US Treasury	260,000,000	257,691,316	253,147,950
Agency Note	70,000,000	69,771,182	68,713,450
LAIF	22,500,000	22,500,000	22,067,122
<b>Grand Total</b>	<b>352,500,000</b>	<b>349,962,498</b>	<b>343,928,522</b>

**Weighted Average Return Including Real Estate Portfolio**



**Maturity Distribution**



**Top Issuers**

Issuer	PAR	% Portfolio
US Treasury	260,000,000	73.76%
Fed Home Loan Bank	35,000,000	9.93%
Fed Farm Credit Bank	30,000,000	8.51%
State of California Tsy.	22,500,000	6.38%
Fed Home Loan Mortgage Corp	5,000,000	1.42%
<b>Grand Total</b>	<b>352,500,000</b>	<b>100.00%</b>

IRVINE RANCH WATER DISTRICT  
INVESTMENT SUMMARY REPORT

10/31/22

SETTLMT	Call Schedule	Initial Call	Maturity Date	Rating	INVESTMENT TYPE	INSTITUTION / ISSUER	PAR Amount	COUPON DISCOUNT	YIELD	ORIGINAL COST	CARRY VALUE	MARKET VALUE <sup>(1)</sup> 10/31/2022	UNREALIZED <sup>(2)</sup> GAIN/(LOSS)
10/27/22			11/01/22		LAIF	State of California Tsy.	\$22,500,000		1.910%	\$22,500,000.00	\$22,500,000.00	22,067,121.65	(432,878.36)
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	5,000,085.45	4,986,150.00	(13,935.45)
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	9,998,883.61	9,972,300.00	(26,583.61)
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	4,998,908.76	4,986,150.00	(12,758.76)
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	10,017,873.39	9,975,800.00	(42,073.39)
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	9,998,520.36	9,937,100.00	(61,420.36)
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	4,999,781.48	4,951,100.00	(48,681.48)
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	9,992,747.36	9,902,200.00	(90,547.36)
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	4,988,291.68	4,951,100.00	(37,191.68)
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	9,996,556.10	9,890,100.00	(106,456.10)
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	9,998,173.50	9,866,800.00	(131,373.50)
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	9,998,865.26	9,827,300.00	(171,565.26)
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	4,996,238.15	4,913,650.00	(82,588.15)
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	9,996,222.38	9,789,100.00	(207,122.38)
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	9,991,053.43	9,789,100.00	(201,953.43)
08/31/22	NA	NA	05/05/23	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.375%	3.321%	4,902,050.00	4,926,636.64	4,893,650.00	(32,986.64)
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	9,985,014.20	9,742,600.00	(242,414.20)
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	4,985,569.69	4,852,350.00	(133,219.69)
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	9,952,388.65	9,793,400.00	(158,988.65)
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	4,978,318.24	4,834,000.00	(144,318.24)
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	4,952,720.80	4,834,000.00	(118,720.80)
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	9,949,657.28	9,652,300.00	(297,357.28)
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	4,945,032.39	4,813,100.00	(131,932.39)
08/23/22	NA	NA	09/15/23	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	3.154%	4,842,968.75	4,871,299.13	4,807,800.00	(63,499.13)
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	9,970,814.57	9,602,000.00	(368,814.57)
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	4,974,214.71	4,852,750.00	(121,464.71)
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	4,963,306.45	4,852,750.00	(110,556.45)
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	4,909,905.46	4,783,000.00	(126,905.46)
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	4,896,872.34	4,783,000.00	(113,872.34)
08/31/22	NA	NA	12/08/23	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	3.375%	3.576%	4,987,445.00	4,989,122.61	4,924,650.00	(64,472.61)
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	4,885,806.86	4,755,650.00	(130,156.86)
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	4,930,583.64	4,769,900.00	(160,683.64)
08/31/22	NA	NA	01/31/24	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	2.500%	3.445%	4,935,156.25	4,942,917.47	4,869,550.00	(73,367.47)
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	4,966,331.32	4,799,050.00	(167,281.32)
03/10/22	NA	NA	03/08/24	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	10,000,000	1.875%	1.680%	10,038,080.00	10,025,752.32	9,636,400.00	(389,352.32)
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	9,913,246.41	9,615,200.00	(298,046.41)
05/31/22	NA	NA	05/31/24	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	2.500%	2.560%	9,988,281.25	9,990,750.04	9,673,800.00	(316,950.04)
08/17/22	NA	NA	06/14/24	Aaa/AA+/AAA	FHLB - Note	Fed Home Loan Bank	5,000,000	3.125%	3.315%	4,983,200.00	4,985,114.23	4,880,650.00	(104,464.23)
08/17/22	NA	NA	07/31/24	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	3.000%	3.249%	4,976,562.50	4,979,057.25	4,865,250.00	(113,807.25)
08/31/22	NA	NA	08/26/24	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	3.375%	3.500%	4,988,050.00	4,989,070.52	4,885,500.00	(103,570.52)
S 09/09/22	One Time	11/28/2022	08/28/24	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	3.000%	3.950%	4,995,000.00	4,995,368.57	4,938,150.00	(57,218.57)
08/31/22	NA	NA	09/13/24	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	3.250%	3.530%	4,972,750.00	4,997,234.21	4,874,600.00	(122,634.21)
09/30/22	NA	NA	09/13/24	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	3.250%	4.340%	4,898,930.00	4,903,459.75	4,874,600.00	(28,859.75)
09/30/22	NA	NA	09/26/24	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	4.250%	4.334%	4,992,100.00	4,992,447.73	4,964,150.00	(28,297.73)
10/17/22	NA	NA	10/17/24	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	10,000,000	4.375%	4.535%	9,969,800.00	9,970,419.70	9,951,000.00	(19,419.70)
10/31/22	NA	NA	11/15/24	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	2.250%	4.489%	4,783,984.38	4,784,273.95	4,780,100.00	(4,173.95)
10/31/22	NA	NA	12/31/24	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	2.250%	4.471%	4,773,046.88	4,773,333.44	4,767,950.00	(5,383.44)
10/31/22	NA	NA	12/31/24	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	2.250%	4.483%	4,771,875.00	4,772,163.04	4,767,950.00	(4,213.04)
10/31/22	NA	NA	01/15/25	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	1.125%	4.476%	4,651,562.50	4,651,994.27	4,646,900.00	(5,094.27)
10/31/22	NA	NA	01/31/25	Aaa/AA/AAA	Treasury - Note	US Treasury	5,000,000	2.500%	4.483%	4,789,843.75	4,790,099.10	4,785,750.00	(4,349.10)
SUB-TOTAL							\$352,500,000			\$349,336,398.48	\$349,962,497.88	\$343,928,521.65	(\$6,033,976.24)
TOTAL INVESTMENTS							\$352,500,000			\$349,336,398.48	\$349,962,497.88	\$343,928,521.65	(\$6,033,976.24)



IRVINE RANCH WATER DISTRICT  
INVESTMENT SUMMARY REPORT

10/31/22

SETTLMT	Call Schedule	Initial Call	Maturity Date	Rating	INVESTMENT TYPE	INSTITUTION / ISSUER	PAR Amount	COUPON DISCOUNT	YIELD	ORIGINAL COST	CARRY VALUE	MARKET VALUE <sup>(1)</sup> 10/31/2022	UNREALIZED <sup>(2)</sup> GAIN/(LOSS)
					Petty Cash					3,400.00			
					Ck Balance	Bank of America		ECR	0.94%	3,706,172.78			
					Ck Balance	Wells Fargo		ECR	0.45%	2,317,363.18			
										<u>3,400.00</u>			
										<u>3,706,172.78</u>			
										<u>2,317,363.18</u>			
										<u>\$355,363,334.44</u>			

<sup>(1)</sup> 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.	Outstanding Variable Rate Debt	\$227,000,000		
	Net Outstanding Variable Rate Debt (Less \$60 million fixed-payer swaps)	\$167,000,000		
<sup>(2)</sup> Gain (loss) calculated against carry value using the trading value provided by Bank of New York/or Brokers	Investment Balance:	\$355,363,334		
	Investment to Variable Rate Debt Ratio:	213%		
<sup>(3)</sup> Real estate rate of return is based on most recent quarter end return	Portfolio - Average Number of Days To Maturity	327		
*S - Step up  This Investment Summary Report is in conformity with the 2022 Investment Policy and provides sufficient liquidity to meet the next six months estimated expenditures.	<b>Investment Portfolio</b>	<b>Real Estate<sup>(3)</sup> Portfolio</b>	<b>Weighted Avg. Return</b>	
	October	1.47%	12.44%	3.83%
	September	1.25%	12.44%	3.58%
	Change	0.22%		0.25%

IRVINE RANCH WATER DISTRICT  
SUMMARY OF MATURITIES

10/31/22

DATE	TOTAL	%	LAIF	Agency Notes	Agency Discount Notes	Municipal Bonds	US Treasury
10/22	22,500,000	6.38%	\$22,500,000				
11/22	20,000,000	5.67%					20,000,000
12/22	20,000,000	5.67%					20,000,000
1/23	20,000,000	5.67%					20,000,000
2/23	20,000,000	5.67%		10,000,000			10,000,000
3/23	15,000,000	4.26%					15,000,000
4/23	20,000,000	5.67%					20,000,000
5/23	15,000,000	4.26%		5,000,000			10,000,000
6/23	15,000,000	4.26%					15,000,000
7/23	10,000,000	2.84%					10,000,000
8/23	15,000,000	4.26%					15,000,000
9/23	15,000,000	4.26%					15,000,000
<b>SUB-TOTAL</b>	<b>\$207,500,000</b>	<b>58.87%</b>	<b>\$22,500,000</b>	<b>\$15,000,000</b>			<b>\$170,000,000</b>

13 Months - 3 YEARS							
10/01/2023 - 12/31/2023	\$30,000,000	8.51%		5,000,000			25,000,000
1/01/2024 - 3/31/2024	\$25,000,000	7.09%		10,000,000			15,000,000
4/01/2024 - 06/30/2024	\$25,000,000	7.09%		5,000,000			20,000,000
07/01/2024 - 09/30/2024	\$30,000,000	8.51%		25,000,000			5,000,000
10/01/2024 +	\$35,000,000	9.93%		10,000,000			25,000,000
<b>TOTALS</b>	<b>\$352,500,000</b>	<b>100.00%</b>	<b>\$22,500,000</b>	<b>70,000,000</b>	<b>-</b>		<b>260,000,000</b>

% OF PORTFOLIO

6.38%

19.86%

73.76%

Irvine Ranch Water District  
Summary of Real Estate - Income Producing Investments  
9/30/2022

	ACQUISITION DATE	PROPERTY TYPE	OWNERSHIP INTEREST	ORIGINAL COST	MARKET VALUE 6/30/2022	ANNUALIZED RATE OF RETURN QUARTER ENDED 9/30/2022
Sycamore Canyon	Dec-92	Apartments	Fee Simple	\$ 43,550,810	\$ 174,250,000	22.67%
Wood Canyon Villas	Jun-91	Apartments	Limited Partner	\$ 6,000,000	\$ 34,194,459	8.50%
ITC (230 Commerce)	Jul-03	Office Building	Fee Simple	\$ 5,739,845	\$ 12,240,000	9.54%
Waterworks Business Pk.	Nov-08	Research & Dev.	Fee Simple	\$ 8,630,577	\$ 11,832,000	8.25%
Sand Canyon Professional Center - Medical Office	Jul-12	Medical Office	Fee Simple	\$ 8,648,594	\$ 12,138,000	7.78%
Sand Canyon Professional Center - General Office	Sep-20	Office Building	Fee Simple	\$ 25,985,968	\$ 33,915,000	-0.21%
<b>Total - Income Properties</b>				<b>\$ 98,555,794</b>	<b>\$ 278,569,459</b>	<b>12.44%</b>

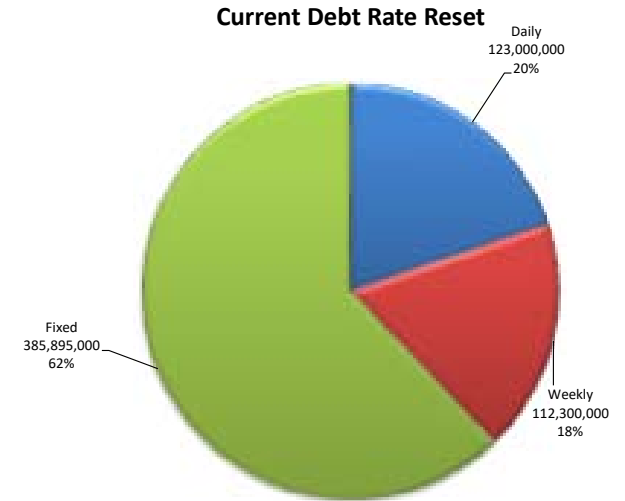
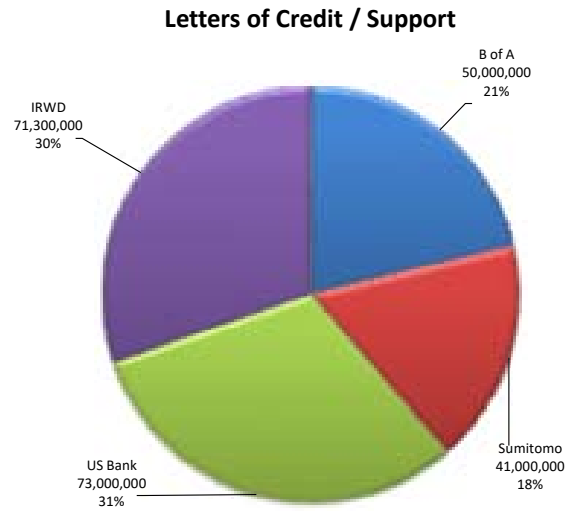
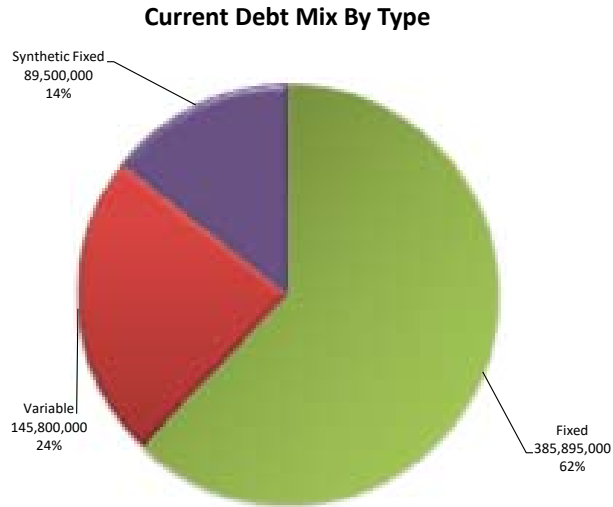
**IRVINE RANCH WATER DISTRICT INVESTMENT SUMMARY REPORT**  
**INVESTMENT ACTIVITY**  
**Oct-22**

**MATURITIES/SALES/CALLS**

**PURCHASES**

DATE	SECURITY TYPE	PAR	YIELD	Settlement Date	Maturity Date	SECURITY TYPE	PAR	YIELD TO MATURITY
10/15/2022	Treasury - Note	\$10,000,000	1.85%	10/17/2022	10/17/2024	FFCB - Note	\$10,000,000	4.53%
10/31/2022	Treasury - Note	\$10,000,000	0.11%	10/31/2022	11/15/2024	Treasury - Note	\$5,000,000	4.49%
10/31/2022	Treasury - Note	\$10,000,000	0.25%	10/31/2022	12/31/2024	Treasury - Note	\$5,000,000	4.47%
10/31/2022	Treasury - Note	\$10,000,000	1.24%	10/31/2022	12/31/2024	Treasury - Note	\$5,000,000	4.48%
				10/31/2022	1/15/2025	Treasury - Note	\$5,000,000	4.48%
				10/31/2022	1/31/2025	Treasury - Note	\$5,000,000	4.48%

Exhibit "B"  
**Irvine Ranch Water District**  
**Summary of Fixed and Variable Rate Debt**  
**October 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	3.75%	US Bank	BAML	Variable	Daily
Series 2008-A Refunding	04/24/08	07/01/35	\$41,000,000	6.69%	Sumitomo	BAML	Variable	Weekly
Series 2011-A-1 Refunding	04/15/11	10/01/37	\$40,800,000	6.66%	IRWD	Goldman	Variable	Weekly
Series 2011-A-2 Refunding	04/15/11	10/01/37	\$27,200,000	4.44%	IRWD	Goldman	Variable	Weekly
Series 2009 - A	06/04/09	10/01/41	\$47,500,000	7.75%	US Bank	US Bank	Variable	Daily
Series 2009 - B	06/04/09	10/01/41	\$47,500,000	7.75%	B of A	Goldman	Variable	Daily
2016 COPS	09/01/16	03/01/46	\$109,650,000	17.89%	N/A	N/A	Fixed	Fixed
2010 Build America Taxable Bond	12/16/10	05/01/40	\$175,000,000	28.55%	N/A	N/A	Fixed	Fixed
Series 2016	10/12/16	02/01/46	\$101,245,000	16.52%	N/A	N/A	Fixed	Fixed
<b>Total</b>			<b>\$612,895,000</b>	<b>100.00%</b>				

**IRVINE RANCH WATER DISTRICT  
SUMMARY OF FIXED & VARIABLE RATE DEBT**

October-22

ITN		GENERAL BOND INFORMATION																	LETTER OF CREDIT INFORMATION										TRUSTEE INFORMATION				
Daily		VARIABLE RATE ISSUES																	Letter of Credit										Rmkt Agent				
Weekly		Issue Date	Maturity Date	Principal Payment Date	Payment Date	Original Par Amount	Remaining Principal	Letter of Credit	Reimbursement Agreement Date	L/C Exp. Date	MOODY'S	S&P	FITCH	LOC Stated Amount	LOC Fee	Annual LOC Cost	Rmkt Agent	Reset	Rmkt Fees	Annual Cost	Trustee												
		05/19/93	04/01/33	Apr 1	5th Bus. Day	\$38,300,000	\$23,000,000	US BANK	05/07/15	05/01/25	Aa3/VMIG1	AA-/A-1+	N/R	\$23,310,027	0.3000%	\$69,930	BAML	DAILY	0.10%	\$23,000	BANK OF NY												
		04/24/08	07/01/35	Jul 1	5th Bus. Day	\$60,215,000	\$41,000,000	SUMITOMO	04/01/11	05/28/25	A1/P-1	A/A-1	A/F1	\$41,606,575	0.3150%	\$131,061	BAML	WED	0.07%	\$28,700	BANK OF NY												
		04/15/11	10/01/37	Oct 1	1st Bus. Day	\$60,545,000	\$40,800,000	N/A	N/A	N/A	Aa1/VMIG1	A-1+	AAA/F1+	N/A	N/A	N/A	Goldman	WED	0.13%	\$51,000	BANK OF NY												
		04/15/11	10/01/37	Oct 1	1st Bus. Day	\$40,370,000	\$27,200,000	N/A	N/A	N/A	Aa1/VMIG1	A-1+	AAA/F1+	N/A	N/A	N/A	Goldman	WED	0.13%	\$34,000	BANK OF NY												
		06/04/09	10/01/41	Oct 1	1st Bus. Day	\$75,000,000	\$47,500,000	US BANK	04/01/11	05/01/25	Aa2/VMIG1	AA-/A-1+	AA/F1+	\$48,030,959	0.3000%	\$144,093	US Bank	DAILY	0.07%	\$33,250	US BANK												
		06/04/09	10/01/41	Oct 1	1st Bus. Day	\$75,000,000	\$47,500,000	B of A	04/01/11	04/21/25	Aa2/VMIG1	A/A-1	A1/F1+	\$48,030,959	0.2800%	\$134,487	Goldman	DAILY	0.10%	\$47,500	US BANK												
<b>\$349,430,000</b>							<b>\$227,000,000</b>	<b>SUB-TOTAL VARIABLE RATE DEBT</b>										<b>\$160,978,521</b>	<b>0.2979%</b>	<b>\$479,570</b>	<b>0.10%</b>					<b>\$217,450</b>							
																		(Wt. Avg)					(Wt. Avg)										
FIXED RATE ISSUES																																	
		12/16/10	05/01/40	May (2025)	May/Nov	\$175,000,000	\$175,000,000	N/A	N/A	N/A	Aa1	AAA	NR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	US BANK												
		09/01/16	03/01/46	Mar 1	Mar/Sept	\$116,745,000	\$109,650,000	N/A	N/A	N/A	NR	AAA	AAA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	US BANK												
		10/12/16	02/01/46	Feb 1	Feb/Aug	\$103,400,000	\$101,245,000	N/A	N/A	N/A	NR	AAA	AAA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BANK OF NY												
<b>\$395,145,000</b>							<b>\$385,895,000</b>	<b>SUB-TOTAL FIXED RATE DEBT</b>																									
<b>\$744,575,000</b>							<b>\$612,895,000</b>	<b>TOTAL - FIXED &amp; VARIABLE RATE DEBT</b>																									

Remarketing Agents			GO VS COP's		
Goldman	115,500,000	51%	GO:	503,245,000	82%
BAML	64,000,000	28%	COPS:	109,650,000	18%
US Bank	47,500,000	21%	Total	<b>612,895,000</b>	
	<u>227,000,000</u>				

LOC Banks		Breakdown Between Variable & Fixed Rate Mode	
SUMITOMO	41,000,000	Daily Issues	118,000,000 19%
BANK OF AMERICA	47,500,000	Weekly Issues	41,000,000 7%
US BANK	70,500,000	ITN Issues	68,000,000 11%
	<u>159,000,000</u>	Sub-Total	<b>227,000,000</b>
		Fixed Rate Issues	\$385,895,000 63%
		Sub-Total - Fixed	<b>385,895,000</b>
		TOTAL DEBT	
		FIXED & VAR.	<b>612,895,000</b> 100%

SUMMARY OF DEBT RATES  
Oct-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	47,500,000	40,800,000	27,200,000	23,000,000	41,000,000	47,500,000
LOC Bank	BOFA	(SIFMA + 6)	(SIFMA + 6)	US BANK	Sumitomo	US BANK
Reset		Wednesday	Wednesday		Wednesday	
10/1/2022	2.37%	2.52%	2.52%	2.47%	2.30%	2.40%
10/2/2022	2.37%	2.52%	2.52%	2.47%	2.30%	2.40%
10/3/2022	2.30%	2.52%	2.52%	2.42%	2.30%	2.30%
10/4/2022	2.12%	2.52%	2.52%	2.35%	2.30%	2.15%
10/5/2022	2.10%	2.52%	2.52%	2.11%	2.30%	2.05%
10/6/2022	2.00%	2.51%	2.51%	2.05%	2.17%	2.00%
10/7/2022	1.92%	2.51%	2.51%	2.00%	2.17%	2.00%
10/8/2022	1.92%	2.51%	2.51%	2.00%	2.17%	2.00%
10/9/2022	1.92%	2.51%	2.51%	2.00%	2.17%	2.00%
10/10/2022	1.92%	2.51%	2.51%	2.00%	2.17%	2.00%
10/11/2022	1.84%	2.51%	2.51%	1.94%	2.17%	2.00%
10/12/2022	1.84%	2.51%	2.51%	1.83%	2.17%	1.94%
10/13/2022	1.78%	2.49%	2.49%	1.83%	2.09%	1.85%
10/14/2022	1.78%	2.49%	2.49%	1.83%	2.09%	1.85%
10/15/2022	1.78%	2.49%	2.49%	1.83%	2.09%	1.85%
10/16/2022	1.78%	2.49%	2.49%	1.83%	2.09%	1.85%
10/17/2022	1.75%	2.49%	2.49%	1.81%	2.09%	1.85%
10/18/2022	1.75%	2.49%	2.49%	1.79%	2.09%	1.85%
10/19/2022	1.60%	2.49%	2.49%	1.72%	2.09%	1.80%
10/20/2022	1.55%	2.43%	2.43%	1.64%	2.03%	1.75%
10/21/2022	1.55%	2.43%	2.43%	1.59%	2.03%	1.70%
10/22/2022	1.55%	2.43%	2.43%	1.59%	2.03%	1.70%
10/23/2022	1.55%	2.43%	2.43%	1.59%	2.03%	1.70%
10/24/2022	1.50%	2.43%	2.43%	1.54%	2.03%	1.65%
10/25/2022	1.40%	2.43%	2.43%	1.49%	2.03%	1.55%
10/26/2022	1.35%	2.43%	2.43%	1.42%	2.03%	1.50%
10/27/2022	1.30%	2.30%	2.30%	1.38%	1.91%	1.45%
10/28/2022	1.25%	2.30%	2.30%	1.31%	1.91%	1.40%
10/29/2022	1.25%	2.30%	2.30%	1.31%	1.91%	1.40%
10/30/2022	1.25%	2.30%	2.30%	1.31%	1.91%	1.40%
10/31/2022	1.23%	2.30%	2.30%	1.27%	1.91%	1.35%
Avg Interest Rates	1.73%	2.45%	2.45%	1.80%	2.10%	1.83%
Rmkt Fee	0.10%	0.13%	0.13%	0.10%	0.07%	0.07%
LOC Fee	0.28%			0.30%	0.32%	0.30%
<b>All-In Rate</b>	<b>2.11%</b>	<b>2.58%</b>	<b>2.58%</b>	<b>2.20%</b>	<b>2.48%</b>	<b>2.20%</b>
Par Amount	88,300,000		27,200,000	64,000,000		47,500,000

Interest Rate Mode	Percent of Total Variable Rate Debt	Par Outstanding	Weighted All-In Average Rate	Base Rate Average
Daily	51.98%	118,000,000	2.16%	1.78%
Weekly	48.02%	109,000,000	2.54%	2.32%
	100.00%	<b>\$ 227,000,000</b>	2.34%	2.04%
<b>Fixed</b>				
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%	<b>\$ 385,895,000</b>	3.71%	
All-In Debt Rate Including \$60 Million Notional Amount of Swaps				<b>3.46%</b>

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

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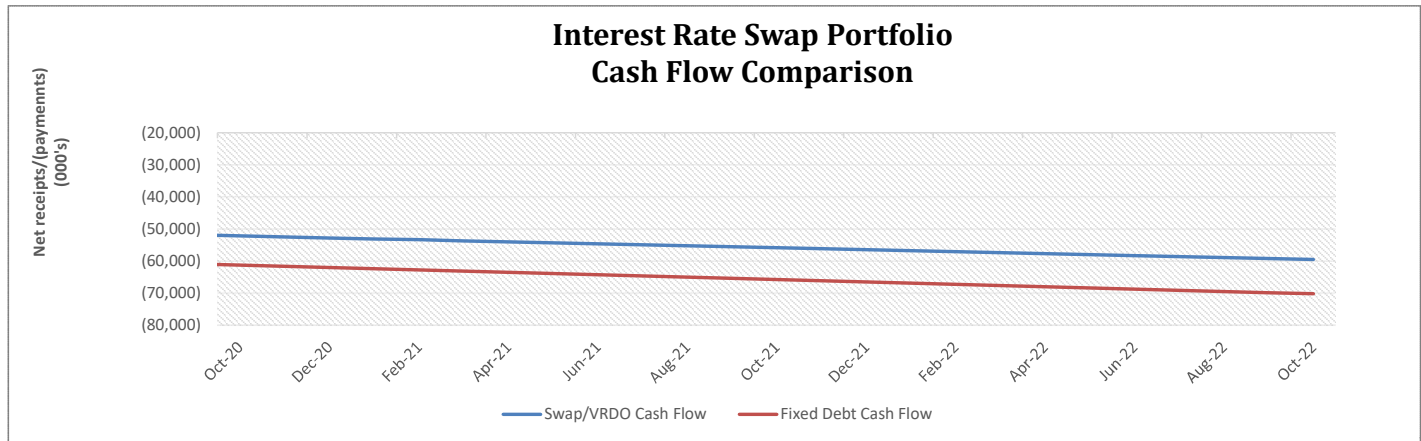
Exhibit "C"  
**Irvine Ranch Water District**  
**Interest Rate Swap Summary**  
**October 2022**

	Prior Mo.	Current Mo.	12-Mo Avg
LIBOR Avg %	2.92%	3.47%	1.19%

Current Fiscal Year Active Swaps								Cash Flow				Mark to Market	
Effective Date	Maturity Date	Years to Maturity	Counter Party	Notional Amt	Type	Base Index	Fixed Rate	Prior Month	Current Month	Fiscal YTD	(Since 3/07) Cumulative Net Accrual	Current Mark to Market	Notional Difference
<b>Fixed Payer Swaps - By Effective Date</b>													
3/10/2007	3/10/2029	6.4	ML	30,000,000	FXP	LIBOR	5.687%	(71,591)	(66,189)	(326,708)	(21,709,272)	27,243,041	(2,756,959)
3/10/2007	3/10/2029	6.4	CG	30,000,000	FXP	LIBOR	5.687%	(71,591)	(66,189)	(326,708)	(21,709,272)	27,247,567	(2,752,433)
Totals/Weighted Avgs		6.4		\$ 60,000,000			5.687%	\$ (143,182)	\$ (132,378)	\$ (653,416)	\$ (43,418,543)	\$ 54,490,608	\$ (5,509,392)
<b>Total Current Year Active Swaps</b>				\$ 60,000,000				\$ (143,182)	\$ (132,378)	\$ (653,416)	\$ (43,418,543)	\$ 54,490,608	\$ (5,509,392)

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
<b>Total Current Year Terminated Swaps</b>				\$ -				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Current Fiscal Year - Total Swaps								Cash Flow				Mark to Market	
Effective Date	Maturity Date		Counter Party	Notional Amt	Type	Base Index	Fixed Rate	Prior Month	Current Month	Fiscal YTD	Cumulative Net Accrual	Current Mark to Market	Notional Difference
<b>Total Current Year Active &amp; Terminated Swaps</b>				\$ 60,000,000				\$ (143,182)	\$ (132,378)	\$ (653,416)	\$ (43,418,543)	\$ 54,490,608	\$ (5,509,392)



Cash Flow Comparison Synthetic Fixed vs. Fixed Rate Debt	
<u>Cash Flow to Date</u>	
Synthetic Fixed =	\$59,492,824
Fixed Rate =	\$70,209,577
<b>Assumptions:</b>	
- Fixed rate debt issued at 4.93% in Mar-07 (estimated TE rate - Bloomberg)	
- 'Synthetic' includes swap cash flow + interest + fees to date	

Note: This page is intentionally left blank.

# Exhibit "D"

## IRVINE RANCH WATER DISTRICT AP DISBURSEMENTS AND VOIDS FOR OCTOBER 2022

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
431513	20-Oct-22	ANTHEM BLUE CROSS	306.93	IRWD Wells Fargo Check	Reconciled
431514	20-Oct-22	ARAG NORTH AMERICA, INC.	408.75	IRWD Wells Fargo Check	Reconciled
431515	20-Oct-22	CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	7,760.75	IRWD Wells Fargo Check	Reconciled
431516	20-Oct-22	Garcia, Jose (Joe)	43.94	IRWD Wells Fargo Check	Negotiable
431517	20-Oct-22	IRWD-PETTY CASH CUSTODIAN	968.00	IRWD Wells Fargo Check	Reconciled
431518	20-Oct-22	KERN COUNTY TREASURER TAX COLLECTOR	86,114.31	IRWD Wells Fargo Check	Reconciled
431519	20-Oct-22	Moeder, Jacob J (Jacob)	63.75	IRWD Wells Fargo Check	Reconciled
431520	20-Oct-22	PALO VERDE IRRIGATION DISTRICT	27,132.85	IRWD Wells Fargo Check	Reconciled
431521	20-Oct-22	STATE WATER RESOURCES CONTROL BOARD	11,150.00	IRWD Wells Fargo Check	Reconciled
431522	20-Oct-22	Swift, Ian P (Ian)	200.00	IRWD Wells Fargo Check	Reconciled
431524	20-Oct-22	CALIFORNIA DEPARTMENT OF TAX AND FEE ADMINISTRATION	1,008.00	IRWD Wells Fargo Check	Reconciled
431525	20-Oct-22	CALIFORNIA DEPARTMENT OF TAX AND FEE ADMINISTRATION	1,340.00	IRWD Wells Fargo Check	Reconciled
431527	20-Oct-22	TULSA RIB COMPANY, INC.	24,227.80	IRWD Wells Fargo Check	Reconciled
431528	24-Oct-22	PERS LONG TERM CARE	612.63	IRWD Wells Fargo Check	Reconciled
431529	24-Oct-22	INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS LOCAL 47	3,786.78	IRWD Wells Fargo Check	Negotiable
431530	24-Oct-22	FRANCHISE TAX BOARD	100.00	IRWD Wells Fargo Check	Negotiable
431154	6-Oct-22	AFLAC	2,087.42	IRWD Wells Fargo Check	Reconciled
431155	6-Oct-22	AMWINS GROUP BENEFITS LLC	3,629.10	IRWD Wells Fargo Check	Reconciled
431156	6-Oct-22	Breiter, Michelle	78.75	IRWD Wells Fargo Check	Reconciled
431157	6-Oct-22	Clary, Cheryl L	7.00	IRWD Wells Fargo Check	Reconciled
431158	6-Oct-22	Compton, Christine A	235.48	IRWD Wells Fargo Check	Reconciled
431159	6-Oct-22	HARTFORD LIFE AND ACCIDENT INSURANCE COMPANY	50.88	IRWD Wells Fargo Check	Reconciled
431160	6-Oct-22	IRWD-PETTY CASH CUSTODIAN	1,228.80	IRWD Wells Fargo Check	Reconciled
431161	6-Oct-22	Nash, Joel	43.77	IRWD Wells Fargo Check	Reconciled
431162	6-Oct-22	Oldewage, Lars D (Lars)	690.27	IRWD Wells Fargo Check	Reconciled
431163	6-Oct-22	Sciabica, Joseph	131.96	IRWD Wells Fargo Check	Reconciled
431164	7-Oct-22	FRANCHISE TAX BOARD	253.29	IRWD Wells Fargo Check	Negotiable
431165	7-Oct-22	PERS LONG TERM CARE	612.63	IRWD Wells Fargo Check	Reconciled
431166	7-Oct-22	INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS LOCAL 47	3,673.56	IRWD Wells Fargo Check	Reconciled
431167	11-Oct-22	STATE OF CALIFORNIA, DEPARTMENT OF WATER RESOURCES	14,477.00	IRWD Wells Fargo Check	Reconciled
431168	13-Oct-22	COUNTY OF ORANGE	24,927.54	IRWD Wells Fargo Check	Reconciled
431169	13-Oct-22	COUNTY OF ORANGE	12,700.82	IRWD Wells Fargo Check	Reconciled
431170	13-Oct-22	Clary, Cheryl L	8.90	IRWD Wells Fargo Check	Reconciled
431171	13-Oct-22	HUMANA INSURANCE COMPANY	75.30	IRWD Wells Fargo Check	Reconciled
431172	13-Oct-22	IRWD-PETTY CASH CUSTODIAN	923.07	IRWD Wells Fargo Check	Reconciled
431173	13-Oct-22	JOHN MICHAEL COVAS	216.90	IRWD Wells Fargo Check	Negotiable
431174	13-Oct-22	LaMar, Steven E	5,041.21	IRWD Wells Fargo Check	Reconciled
431175	13-Oct-22	Mendoza, Oliver	1,518.95	IRWD Wells Fargo Check	Reconciled
431176	13-Oct-22	REACH EMPLOYEE ASSISTANCE INC	1,066.80	IRWD Wells Fargo Check	Reconciled
431177	13-Oct-22	Swan, Peer	2,019.67	IRWD Wells Fargo Check	Reconciled
431178	13-Oct-22	Tetteimer, John M (Mark)	1,483.86	IRWD Wells Fargo Check	Reconciled
431179	13-Oct-22	UNITED HEALTHCARE INSURANCE COMPANY	348.42	IRWD Wells Fargo Check	Reconciled
431180	13-Oct-22	Withers, John B	680.31	IRWD Wells Fargo Check	Reconciled
431643	25-Oct-22	ASSOCIATION OF CALIFORNIA WATER AGENCIES/JPIA	38,713.57	IRWD Wells Fargo Check	Negotiable
431644	25-Oct-22	ASSOCIATION OF CALIFORNIA WATER AGENCIES/JPIA	37,751.64	IRWD Wells Fargo Check	Negotiable
431645	25-Oct-22	Colston, James	1,228.76	IRWD Wells Fargo Check	Reconciled
431646	25-Oct-22	MORRISROE, EDWARD	433.14	IRWD Wells Fargo Check	Negotiable
431647	25-Oct-22	Rendon, Esteban J	200.00	IRWD Wells Fargo Check	Reconciled
431648	25-Oct-22	Sanchez, Hector A (Hector)	200.00	IRWD Wells Fargo Check	Reconciled
431649	25-Oct-22	STATE OF CALIFORNIA, DEPARTMENT OF WATER RESOURCES	16,800.00	IRWD Wells Fargo Check	Negotiable
431650	27-Oct-22	ALBERTSON'S LLC	32,300.00	IRWD Wells Fargo Check	Negotiable
431651	27-Oct-22	RELIANCE STANDARD LIFE INSURANCE COMPANY	37,363.30	IRWD Wells Fargo Check	Reconciled
431652	31-Oct-22	IRWD-PETTY CASH CUSTODIAN	1,319.32	IRWD Wells Fargo Check	Reconciled
<b>SUB-TOTAL IRWD WELLS FARGO CHECK DISBURSEMENTS</b>			<b>409,745.88</b>		
431013	6-Oct-22	8X8 INC	10,562.24	IRWD Wells Fargo Check No Print	Reconciled
431014	6-Oct-22	AAF INTERNATIONAL	285.59	IRWD Wells Fargo Check No Print	Reconciled
431015	6-Oct-22	ABDOLLAHI, ROHOLLAH	204.16	IRWD Wells Fargo Check No Print	Reconciled
431016	6-Oct-22	AECOM TECHNICAL SERVICES, INC.	13,614.00	IRWD Wells Fargo Check No Print	Reconciled
431017	6-Oct-22	AGILENT TECHNOLOGIES, INC.	435.31	IRWD Wells Fargo Check No Print	Reconciled
431018	6-Oct-22	AIRGAS, INC.	2,177.02	IRWD Wells Fargo Check No Print	Reconciled
431019	6-Oct-22	ALBORNOZ, MEYGAN	29.48	IRWD Wells Fargo Check No Print	Negotiable
431020	6-Oct-22	ALL STAR GLASS	1,198.24	IRWD Wells Fargo Check No Print	Reconciled
431021	6-Oct-22	AMAZON CAPITAL SERVICES, INC.	400.60	IRWD Wells Fargo Check No Print	Reconciled
431022	6-Oct-22	ASIM, SHAWN	10.89	IRWD Wells Fargo Check No Print	Negotiable
431023	6-Oct-22	AT&T	68.04	IRWD Wells Fargo Check No Print	Reconciled
431024	6-Oct-22	AT&T	4,122.04	IRWD Wells Fargo Check No Print	Reconciled
431025	6-Oct-22	AT&T	111.33	IRWD Wells Fargo Check No Print	Reconciled
431026	6-Oct-22	AUSTIN, DANA	35.18	IRWD Wells Fargo Check No Print	Reconciled
431027	6-Oct-22	AUTOZONE PARTS, INC.	153.18	IRWD Wells Fargo Check No Print	Reconciled
431028	6-Oct-22	B & H PHOTO VIDEO	2,844.60	IRWD Wells Fargo Check No Print	Reconciled
431029	6-Oct-22	BIGWIG MONSTER, LLC	4,200.00	IRWD Wells Fargo Check No Print	Reconciled
431030	6-Oct-22	BLOOMBERG FINANCE LP	13,605.00	IRWD Wells Fargo Check No Print	Reconciled
431031	6-Oct-22	BORCHARD SURVEYING & MAPPING, INC.	1,955.00	IRWD Wells Fargo Check No Print	Reconciled
431032	6-Oct-22	BOWMAN DESIGN, INC.	70,657.00	IRWD Wells Fargo Check No Print	Reconciled
431033	6-Oct-22	BRACKEN, RAUL	51.16	IRWD Wells Fargo Check No Print	Negotiable
431034	6-Oct-22	BROWN AND CALDWELL	1,750.62	IRWD Wells Fargo Check No Print	Reconciled
431035	6-Oct-22	CAL MICROTURBINE, INC.	950.00	IRWD Wells Fargo Check No Print	Reconciled
431036	6-Oct-22	CALIFORNIA BARRICADE RENTAL, INC.	1,524.10	IRWD Wells Fargo Check No Print	Reconciled
431037	6-Oct-22	CANNON CORPORATION	27,926.03	IRWD Wells Fargo Check No Print	Reconciled
431038	6-Oct-22	CANON SOLUTIONS AMERICA, INC.	924.91	IRWD Wells Fargo Check No Print	Reconciled
431039	6-Oct-22	CARBON SUPPLY INC.	21,057.58	IRWD Wells Fargo Check No Print	Reconciled

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

<b>CHECK OR ELECTRONIC #</b>	<b>PAYMENT DATE</b>	<b>SUPPLIERS</b>	<b>PAYMENT AMOUNT</b>	<b>PAYMENT METHOD</b>	<b>STATUS</b>
431040	6-Oct-22	CAVALLO ENTERPRISES DBA THE WELDING SHOP	959.28	IRWD Wells Fargo Check No Print	Reconciled
431041	6-Oct-22	CDW GOVERNMENT LLC	23,855.05	IRWD Wells Fargo Check No Print	Reconciled
431042	6-Oct-22	CHANG, NORMA	16.57	IRWD Wells Fargo Check No Print	Reconciled
431043	6-Oct-22	CHU, LOK MAN	39.69	IRWD Wells Fargo Check No Print	Negotiable
431044	6-Oct-22	CITY OF TUSTIN	400.42	IRWD Wells Fargo Check No Print	Reconciled
431045	6-Oct-22	CLEAN ENERGY	8,572.11	IRWD Wells Fargo Check No Print	Reconciled
431046	6-Oct-22	CONSTELLATION NEWENERGY, INC.	494,460.54	IRWD Wells Fargo Check No Print	Reconciled
431047	6-Oct-22	CORBIN REEVES CONSTRUCTION	1,670.24	IRWD Wells Fargo Check No Print	Reconciled
431048	6-Oct-22	COUNTY OF ORANGE	446.32	IRWD Wells Fargo Check No Print	Reconciled
431049	6-Oct-22	COX COMMUNICATIONS, INC.	382.92	IRWD Wells Fargo Check No Print	Reconciled
431050	6-Oct-22	CURATIVE I.T. LLC	5,527.58	IRWD Wells Fargo Check No Print	Reconciled
431051	6-Oct-22	D & H WATER SYSTEMS INC.	2,248.40	IRWD Wells Fargo Check No Print	Reconciled
431052	6-Oct-22	DAVIS, KAREN A	21.37	IRWD Wells Fargo Check No Print	Negotiable
431053	6-Oct-22	DXP ENTERPRISES, INC.	4,343.03	IRWD Wells Fargo Check No Print	Reconciled
431054	6-Oct-22	EHS INTERNATIONAL, INC.	3,770.00	IRWD Wells Fargo Check No Print	Reconciled
431055	6-Oct-22	EUROFINS EATON ANALYTICAL, INC.	100.00	IRWD Wells Fargo Check No Print	Reconciled
431056	6-Oct-22	EUROFINS ENVIRONMENT TESTING AMERICA HOLDINGS, INC.	6,961.50	IRWD Wells Fargo Check No Print	Negotiable
431057	6-Oct-22	FARWEST CORROSION CONTROL COMPANY	17,115.00	IRWD Wells Fargo Check No Print	Reconciled
431058	6-Oct-22	FASTBLUE COMMUNICATIONS INC.	1,953.00	IRWD Wells Fargo Check No Print	Reconciled
431059	6-Oct-22	FEDEX	355.46	IRWD Wells Fargo Check No Print	Reconciled
431060	6-Oct-22	FIRST CHOICE SERVICES	2,752.83	IRWD Wells Fargo Check No Print	Reconciled
431061	6-Oct-22	FISHER SCIENTIFIC COMPANY LLC	4,766.40	IRWD Wells Fargo Check No Print	Reconciled
431062	6-Oct-22	FLEET SOLUTIONS LLC	5,395.99	IRWD Wells Fargo Check No Print	Reconciled
431063	6-Oct-22	FRONTIER CALIFORNIA INC.	341.04	IRWD Wells Fargo Check No Print	Reconciled
431064	6-Oct-22	FULLER TRUCK ACCESSORIES	1,120.60	IRWD Wells Fargo Check No Print	Reconciled
431065	6-Oct-22	GANAHL LUMBER CO.	3,010.31	IRWD Wells Fargo Check No Print	Reconciled
431066	6-Oct-22	GRAINGER	6,620.71	IRWD Wells Fargo Check No Print	Reconciled
431067	6-Oct-22	GRAYBAR ELECTRIC COMPANY	2,661.37	IRWD Wells Fargo Check No Print	Reconciled
431068	6-Oct-22	HACH COMPANY	6,334.57	IRWD Wells Fargo Check No Print	Reconciled
431069	6-Oct-22	HAN, WEINING	17.05	IRWD Wells Fargo Check No Print	Reconciled
431070	6-Oct-22	HDR ENGINEERING INC	22,102.50	IRWD Wells Fargo Check No Print	Reconciled
431071	6-Oct-22	HELP/SYSTEMS, LLC	900.00	IRWD Wells Fargo Check No Print	Reconciled
431072	6-Oct-22	HELPMATES STAFFING SERVICES LLC	8,360.92	IRWD Wells Fargo Check No Print	Reconciled
431073	6-Oct-22	HI-LINE INC	431.42	IRWD Wells Fargo Check No Print	Reconciled
431074	6-Oct-22	HOME DEPOT USA INC	213.43	IRWD Wells Fargo Check No Print	Reconciled
431075	6-Oct-22	HOME DEPOT USA INC	514.51	IRWD Wells Fargo Check No Print	Reconciled
431076	6-Oct-22	JAHAN, REZA	37.77	IRWD Wells Fargo Check No Print	Negotiable
431078	6-Oct-22	KERR, DOUGLAS	21.82	IRWD Wells Fargo Check No Print	Negotiable
431079	6-Oct-22	KIMBALL MIDWEST	1,515.19	IRWD Wells Fargo Check No Print	Reconciled
431080	6-Oct-22	LA HABRA FENCE COMPANY INC	1,586.00	IRWD Wells Fargo Check No Print	Reconciled
431081	6-Oct-22	LAGUNA BEACH COUNTY WATER DISTRICT	7,873.56	IRWD Wells Fargo Check No Print	Reconciled
431082	6-Oct-22	LANDCARE HOLDINGS, INC.	89,915.00	IRWD Wells Fargo Check No Print	Reconciled
431083	6-Oct-22	LANDSEA HOLDINGS CORPORATION	234.76	IRWD Wells Fargo Check No Print	Negotiable
431084	6-Oct-22	LAVIGNE, LAURA	464.95	IRWD Wells Fargo Check No Print	Reconciled
431085	6-Oct-22	LEE & RO, INC.	15,200.00	IRWD Wells Fargo Check No Print	Reconciled
431086	6-Oct-22	LENNAR HOMES OF CALIFORNIA, INC.	89.96	IRWD Wells Fargo Check No Print	Reconciled
431087	6-Oct-22	LINDE GAS & EQUIPMENT INC.	2,513.41	IRWD Wells Fargo Check No Print	Reconciled
431088	6-Oct-22	MC MASTER CARR SUPPLY CO	719.05	IRWD Wells Fargo Check No Print	Reconciled
431089	6-Oct-22	MILES CHEMICAL COMPANY, INC.	9,704.08	IRWD Wells Fargo Check No Print	Reconciled
431090	6-Oct-22	MORTENSON, JON	20.66	IRWD Wells Fargo Check No Print	Reconciled
431091	6-Oct-22	MURRAY, MARA	115.59	IRWD Wells Fargo Check No Print	Negotiable
431092	6-Oct-22	MUTUAL PROPANE	230.04	IRWD Wells Fargo Check No Print	Reconciled
431093	6-Oct-22	NINYO & MOORE	18,480.75	IRWD Wells Fargo Check No Print	Reconciled
431094	6-Oct-22	NRD, LLC	100.00	IRWD Wells Fargo Check No Print	Reconciled
431095	6-Oct-22	O'REILLY AUTO ENTERPRISES, LLC	74.74	IRWD Wells Fargo Check No Print	Reconciled
431096	6-Oct-22	O.C. SUPERIOR CUSTOM CLEANING	1,040.00	IRWD Wells Fargo Check No Print	Reconciled
431097	6-Oct-22	OLIN CORPORATION	22,159.17	IRWD Wells Fargo Check No Print	Reconciled
431098	6-Oct-22	ONESOURCE DISTRIBUTORS LLC	1,001.65	IRWD Wells Fargo Check No Print	Reconciled
431099	6-Oct-22	ORACLE AMERICA, INC.	3,400.89	IRWD Wells Fargo Check No Print	Reconciled
431100	6-Oct-22	ORANGE COUNTY AUTO PARTS CO	1,603.16	IRWD Wells Fargo Check No Print	Reconciled
431101	6-Oct-22	ORANGE COUNTY TREASURER	2,900.00	IRWD Wells Fargo Check No Print	Reconciled
431102	6-Oct-22	PACIFIC PARTS & CONTROLS INC	656.95	IRWD Wells Fargo Check No Print	Reconciled
431103	6-Oct-22	PARK, AARON	45.17	IRWD Wells Fargo Check No Print	Reconciled
431104	6-Oct-22	PAYMENTUS CORPORATION	67,959.55	IRWD Wells Fargo Check No Print	Reconciled
431105	6-Oct-22	PELLETIER & ASSOCIATES, INC.	812.00	IRWD Wells Fargo Check No Print	Reconciled
431106	6-Oct-22	PLUMBERS DEPOT INC.	502,050.04	IRWD Wells Fargo Check No Print	Reconciled
431107	6-Oct-22	PRIME ACTUARIAL CONSULTING, LLC	2,400.00	IRWD Wells Fargo Check No Print	Reconciled
431108	6-Oct-22	PROJECT PARTNERS LLC	18,930.00	IRWD Wells Fargo Check No Print	Reconciled
431109	6-Oct-22	QUICK CRETE PRODUCTS CORP.	12,787.77	IRWD Wells Fargo Check No Print	Reconciled
431110	6-Oct-22	R&B AUTOMATION, INC.	1,570.00	IRWD Wells Fargo Check No Print	Reconciled
431111	6-Oct-22	RED WING SHOE STORE	2,491.01	IRWD Wells Fargo Check No Print	Reconciled
431112	6-Oct-22	RESTEK CORPORATION	778.28	IRWD Wells Fargo Check No Print	Reconciled
431113	6-Oct-22	S & J SUPPLY CO INC	88,168.99	IRWD Wells Fargo Check No Print	Reconciled
431114	6-Oct-22	SHAMROCK SUPPLY CO INC	120.26	IRWD Wells Fargo Check No Print	Reconciled
431115	6-Oct-22	SHIMMICK CONSTRUCTION INC.	27,787.50	IRWD Wells Fargo Check No Print	Reconciled
431116	6-Oct-22	SMITH SYSTEM DRIVER IMPROVEMENT INSTITUTE, INC.	4,622.51	IRWD Wells Fargo Check No Print	Reconciled
431117	6-Oct-22	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT	620.61	IRWD Wells Fargo Check No Print	Reconciled
431118	6-Oct-22	SOUTH COUNTY AUTO BODY, INC	78.76	IRWD Wells Fargo Check No Print	Reconciled
431119	6-Oct-22	SOUTHERN CALIFORNIA EDISON COMPANY	81,922.29	IRWD Wells Fargo Check No Print	Reconciled
431120	6-Oct-22	SOUTHERN COUNTIES LUBRICANTS LLC	53.88	IRWD Wells Fargo Check No Print	Reconciled
431121	6-Oct-22	STANFORD COURT APARTMENTS	29.78	IRWD Wells Fargo Check No Print	Reconciled
431122	6-Oct-22	STANTEC CONSULTING SERVICES INC.	2,031.50	IRWD Wells Fargo Check No Print	Reconciled

IRVINE RANCH WATER DISTRICT  
AP DISBURSEMENTS AND VOIDS FOR OCTOBER 2022

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
431123	6-Oct-22	STELLAR INDUSTRIES INC	239.39	IRWD Wells Fargo Check No Print	Reconciled
431124	6-Oct-22	STETSON ENGINEERS INC.	6,241.00	IRWD Wells Fargo Check No Print	Negotiable
431125	6-Oct-22	STEVEN WELCH	240.00	IRWD Wells Fargo Check No Print	Reconciled
431126	6-Oct-22	STREAKWAVE WIRELESS, INC.	265.07	IRWD Wells Fargo Check No Print	Reconciled
431127	6-Oct-22	SWAN, RICHARD	365.30	IRWD Wells Fargo Check No Print	Reconciled
431128	6-Oct-22	TAIT ENVIRONMENTAL SERVICES, INC.	420.00	IRWD Wells Fargo Check No Print	Reconciled
431129	6-Oct-22	TANKVISIONS, INC	30.00	IRWD Wells Fargo Check No Print	Reconciled
431130	6-Oct-22	THOMPSON & PHIPPS INC	1,579.36	IRWD Wells Fargo Check No Print	Reconciled
431131	6-Oct-22	TIC-OFFICE PROPERTIES	3,778.31	IRWD Wells Fargo Check No Print	Reconciled
431132	6-Oct-22	TK ELEVATOR CORPORATION	436.78	IRWD Wells Fargo Check No Print	Reconciled
431133	6-Oct-22	TOLENTINO, GERRY	933.17	IRWD Wells Fargo Check No Print	Negotiable
431134	6-Oct-22	TONY PARK AND ELIZABETH PARK	1,337.77	IRWD Wells Fargo Check No Print	Reconciled
431135	6-Oct-22	TRAFFIC MANAGEMENT, INC	762.00	IRWD Wells Fargo Check No Print	Reconciled
431136	6-Oct-22	TRANSCAT, INC	992.62	IRWD Wells Fargo Check No Print	Reconciled
431137	6-Oct-22	TRENCH SHORING COMPANY	122.30	IRWD Wells Fargo Check No Print	Reconciled
431138	6-Oct-22	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA	1,571.62	IRWD Wells Fargo Check No Print	Reconciled
431139	6-Oct-22	UNITED PARCEL SERVICE INC	169.48	IRWD Wells Fargo Check No Print	Reconciled
431140	6-Oct-22	VEOLIA NORTH AMERICA, INC.	1,747.77	IRWD Wells Fargo Check No Print	Reconciled
431141	6-Oct-22	VERIZON WIRELESS SERVICES LLC	9,119.17	IRWD Wells Fargo Check No Print	Reconciled
431142	6-Oct-22	VWR INTERNATIONAL, LLC	936.85	IRWD Wells Fargo Check No Print	Reconciled
431143	6-Oct-22	WAGNER, JOHN M	29.12	IRWD Wells Fargo Check No Print	Reconciled
431144	6-Oct-22	WANG, JOHNNY	21.67	IRWD Wells Fargo Check No Print	Negotiable
431145	6-Oct-22	WASTE MANAGEMENT COLLECTIONS AND RECYCLING, INC.	5,725.25	IRWD Wells Fargo Check No Print	Reconciled
431146	6-Oct-22	WAXIE'S ENTERPRISES, INC	83.66	IRWD Wells Fargo Check No Print	Reconciled
431147	6-Oct-22	WECK LABORATORIES INC	300.00	IRWD Wells Fargo Check No Print	Reconciled
431148	6-Oct-22	WEST COAST SAFETY SUPPLY INC	4,023.12	IRWD Wells Fargo Check No Print	Reconciled
431149	6-Oct-22	WEST COAST SAND & GRAVEL INC.	1,324.69	IRWD Wells Fargo Check No Print	Reconciled
431150	6-Oct-22	WEST YOST & ASSOCIATES, INC.	3,387.50	IRWD Wells Fargo Check No Print	Reconciled
431151	6-Oct-22	WISCONSIN STATE LABORATORY OF HYGIENE	355.00	IRWD Wells Fargo Check No Print	Reconciled
431152	6-Oct-22	WONG, JOSHUA	492.97	IRWD Wells Fargo Check No Print	Reconciled
431153	6-Oct-22	ZYMO RESEARCH CORP	374.13	IRWD Wells Fargo Check No Print	Negotiable
431181	13-Oct-22	A&Y ASPHALT CONTRACTORS, INC.	2,380.00	IRWD Wells Fargo Check No Print	Reconciled
431182	13-Oct-22	ABM INDUSTRY GROUPS, LLC	24,516.09	IRWD Wells Fargo Check No Print	Reconciled
431183	13-Oct-22	ADS CORP.	28,532.00	IRWD Wells Fargo Check No Print	Reconciled
431184	13-Oct-22	ALLIANT INSURANCE SERVICES, INC	11,868.64	IRWD Wells Fargo Check No Print	Reconciled
431185	13-Oct-22	ALLIED ELECTRONICS INC	2,620.83	IRWD Wells Fargo Check No Print	Reconciled
431186	13-Oct-22	AMALFI APARTMENT HOMES	91.33	IRWD Wells Fargo Check No Print	Reconciled
431187	13-Oct-22	AMAZON CAPITAL SERVICES, INC.	525.44	IRWD Wells Fargo Check No Print	Reconciled
431188	13-Oct-22	ARTICULATE GLOBAL, LLC	5,036.40	IRWD Wells Fargo Check No Print	Negotiable
431189	13-Oct-22	AT&T	1,127.18	IRWD Wells Fargo Check No Print	Reconciled
431190	13-Oct-22	AT&T	1,690.90	IRWD Wells Fargo Check No Print	Reconciled
431191	13-Oct-22	ATHENS SERVICES	12,352.68	IRWD Wells Fargo Check No Print	Reconciled
431192	13-Oct-22	AUTOZONE PARTS, INC.	90.45	IRWD Wells Fargo Check No Print	Reconciled
431193	13-Oct-22	AZALEA, L.P.	169,237.87	IRWD Wells Fargo Check No Print	Reconciled
431194	13-Oct-22	BEST DRILLING AND PUMP, INC.	42,100.00	IRWD Wells Fargo Check No Print	Reconciled
431195	13-Oct-22	BIGWIG MONSTER, LLC	1,200.00	IRWD Wells Fargo Check No Print	Reconciled
431196	13-Oct-22	BSI AMERICA PROFESSIONAL SERVICES INC.	527.50	IRWD Wells Fargo Check No Print	Reconciled
431197	13-Oct-22	C WELLS PIPELINE MATERIALS INC	10,208.24	IRWD Wells Fargo Check No Print	Reconciled
431198	13-Oct-22	CALIFORNIA BARRICADE RENTAL, INC.	3,443.38	IRWD Wells Fargo Check No Print	Reconciled
431199	13-Oct-22	CAMPBELL, SUSAN	7.65	IRWD Wells Fargo Check No Print	Reconciled
431200	13-Oct-22	CDW GOVERNMENT LLC	13,302.48	IRWD Wells Fargo Check No Print	Reconciled
431201	13-Oct-22	CHEM SERVICE INC.	507.30	IRWD Wells Fargo Check No Print	Reconciled
431202	13-Oct-22	CITY OF TUSTIN	41.22	IRWD Wells Fargo Check No Print	Reconciled
431203	13-Oct-22	CLIFFORD MORIYAMA	8,000.00	IRWD Wells Fargo Check No Print	Reconciled
431204	13-Oct-22	COMMERCIAL DOOR OF ORANGE COUNTY, INC.	905.00	IRWD Wells Fargo Check No Print	Reconciled
431205	13-Oct-22	CONSTELLATION NEWENERGY, INC.	71,833.13	IRWD Wells Fargo Check No Print	Reconciled
431206	13-Oct-22	CORELOGIC INC	82.06	IRWD Wells Fargo Check No Print	Reconciled
431207	13-Oct-22	DCSE, INC.	21,870.00	IRWD Wells Fargo Check No Print	Reconciled
431208	13-Oct-22	DELL MARKETING LP	1,104.44	IRWD Wells Fargo Check No Print	Reconciled
431209	13-Oct-22	DEZURIK INC	6,036.16	IRWD Wells Fargo Check No Print	Reconciled
431210	13-Oct-22	DUDEK	13,343.75	IRWD Wells Fargo Check No Print	Reconciled
431211	13-Oct-22	DXP ENTERPRISES, INC.	22.46	IRWD Wells Fargo Check No Print	Reconciled
431212	13-Oct-22	E.J. MEYER COMPANY	104,954.58	IRWD Wells Fargo Check No Print	Reconciled
431213	13-Oct-22	EHS INTERNATIONAL, INC	3,590.00	IRWD Wells Fargo Check No Print	Reconciled
431214	13-Oct-22	ENOTEC INC.	17,652.00	IRWD Wells Fargo Check No Print	Reconciled
431215	13-Oct-22	ENVIRONMENTAL RESOURCE ASSOCIATES	5,692.12	IRWD Wells Fargo Check No Print	Reconciled
431216	13-Oct-22	ENVIRONMENTAL SCIENCE ASSOCIATES	6,816.96	IRWD Wells Fargo Check No Print	Reconciled
431217	13-Oct-22	EXECUTIVE LIGHTING & ELECTRIC	3,264.80	IRWD Wells Fargo Check No Print	Reconciled
431218	13-Oct-22	FISCALNOTE, INC	6,500.00	IRWD Wells Fargo Check No Print	Reconciled
431219	13-Oct-22	FISHER & PHILLIPS LLP	10,566.88	IRWD Wells Fargo Check No Print	Reconciled
431220	13-Oct-22	FISHER SCIENTIFIC COMPANY LLC	590.57	IRWD Wells Fargo Check No Print	Reconciled
431221	13-Oct-22	FLW SERVICE CORPORATION	670.00	IRWD Wells Fargo Check No Print	Reconciled
431222	13-Oct-22	FOUGHT, CYNTHIA J.	2,810.39	IRWD Wells Fargo Check No Print	Reconciled
431223	13-Oct-22	FRONTIER CALIFORNIA INC.	58.91	IRWD Wells Fargo Check No Print	Reconciled
431224	13-Oct-22	GARY BALE REDI-MIX CONCRETE, INC.	1,310.70	IRWD Wells Fargo Check No Print	Reconciled
431225	13-Oct-22	GEA MECHANICAL EQUIPMENT US, INC.	1,745.89	IRWD Wells Fargo Check No Print	Reconciled
431226	13-Oct-22	GEI CONSULTANTS INC	3,360.00	IRWD Wells Fargo Check No Print	Reconciled
431227	13-Oct-22	GOFORTH & MARTI	1,376.83	IRWD Wells Fargo Check No Print	Reconciled
431228	13-Oct-22	GRAINGER	3,558.31	IRWD Wells Fargo Check No Print	Reconciled
431229	13-Oct-22	GRAYBAR ELECTRIC COMPANY	568.65	IRWD Wells Fargo Check No Print	Reconciled
431230	13-Oct-22	HACH COMPANY	19,346.38	IRWD Wells Fargo Check No Print	Reconciled
431231	13-Oct-22	HDR ENGINEERING INC	3,344.75	IRWD Wells Fargo Check No Print	Reconciled

IRVINE RANCH WATER DISTRICT  
AP DISBURSEMENTS AND VOIDS FOR OCTOBER 2022

CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
431232	13-Oct-22	HELPMATES STAFFING SERVICES LLC	15,364.72	IRWD Wells Fargo Check No Print	Reconciled
431233	13-Oct-22	HOWDEN USA COMPANY	21,038.32	IRWD Wells Fargo Check No Print	Reconciled
431234	13-Oct-22	INDUSTRIAL METAL SUPPLY CO	216.53	IRWD Wells Fargo Check No Print	Reconciled
431235	13-Oct-22	INFLATABLE BOAT SPECIALISTS, LLC	254.77	IRWD Wells Fargo Check No Print	Reconciled
431236	13-Oct-22	INFOSEND, INC.	52,839.94	IRWD Wells Fargo Check No Print	Reconciled
431237	13-Oct-22	INTEGRITY MUNICIPAL SERVICES LLC	5,400.00	IRWD Wells Fargo Check No Print	Reconciled
431238	13-Oct-22	IRON MOUNTAIN INFORMATION MANAGEMENT INC	940.36	IRWD Wells Fargo Check No Print	Reconciled
431239	13-Oct-22	IRVINE PACIFIC	151.35	IRWD Wells Fargo Check No Print	Reconciled
431240	13-Oct-22	JENIFER L. KIENLE	45.00	IRWD Wells Fargo Check No Print	Reconciled
431241	13-Oct-22	JOSE MARTINEZ TREE SERVICE INC.	2,500.00	IRWD Wells Fargo Check No Print	Reconciled
431242	13-Oct-22	JPR SYSTEMS INC	8,349.00	IRWD Wells Fargo Check No Print	Reconciled
431243	13-Oct-22	KAESER COMPRESSORS, INC.	5,852.71	IRWD Wells Fargo Check No Print	Reconciled
431244	13-Oct-22	KIMBALL MIDWEST	6,055.42	IRWD Wells Fargo Check No Print	Reconciled
431245	13-Oct-22	LANDCARE HOLDINGS, INC.	438.40	IRWD Wells Fargo Check No Print	Reconciled
431246	13-Oct-22	LINDE GAS & EQUIPMENT INC.	4,831.26	IRWD Wells Fargo Check No Print	Reconciled
431247	13-Oct-22	LINDSAY POLIC CONSULTING, INC.	7,700.00	IRWD Wells Fargo Check No Print	Reconciled
431248	13-Oct-22	LUO, SISI	28.75	IRWD Wells Fargo Check No Print	Negotiable
431249	13-Oct-22	MADDOX ELECTRIC INC.	6,568.00	IRWD Wells Fargo Check No Print	Reconciled
431250	13-Oct-22	MAP COMMUNICATIONS, INC.	1,126.20	IRWD Wells Fargo Check No Print	Reconciled
431251	13-Oct-22	MBC AQUATIC SCIENCES, INC.	1,400.00	IRWD Wells Fargo Check No Print	Reconciled
431252	13-Oct-22	MICHAEL LOMONACO	500.00	IRWD Wells Fargo Check No Print	Reconciled
431253	13-Oct-22	MICROSOFT CORPORATION	24.00	IRWD Wells Fargo Check No Print	Reconciled
431254	13-Oct-22	NALCO COMPANY LLC	346.14	IRWD Wells Fargo Check No Print	Reconciled
431255	13-Oct-22	NATIONAL READY MIXED CONCRETE SALES, LLC	2,637.75	IRWD Wells Fargo Check No Print	Reconciled
431256	13-Oct-22	NATURES IMAGE INC	6,200.00	IRWD Wells Fargo Check No Print	Reconciled
431257	13-Oct-22	NEW DIMENSION GENERAL CONSTRUCTION	3,247.32	IRWD Wells Fargo Check No Print	Reconciled
431258	13-Oct-22	O.C. SUPERIOR CUSTOM CLEANING	3,600.00	IRWD Wells Fargo Check No Print	Reconciled
431259	13-Oct-22	OCTA	1,196.00	IRWD Wells Fargo Check No Print	Reconciled
431260	13-Oct-22	OLIN CORPORATION	3,806.38	IRWD Wells Fargo Check No Print	Reconciled
431261	13-Oct-22	ORACLE AMERICA, INC.	3,533.75	IRWD Wells Fargo Check No Print	Reconciled
431262	13-Oct-22	ORANGE COUNTY AUTO PARTS CO	955.80	IRWD Wells Fargo Check No Print	Reconciled
431263	13-Oct-22	PACIFIC HYDROTECH CORPORATION	974,180.17	IRWD Wells Fargo Check No Print	Reconciled
431264	13-Oct-22	PACIFIC HYDROTECH CORPORATION	6,652.80	IRWD Wells Fargo Check No Print	Reconciled
431265	13-Oct-22	PACIFIC HYDROTECH CORPORATION	11,583.04	IRWD Wells Fargo Check No Print	Reconciled
431266	13-Oct-22	PACIFIC HYDROTECH CORPORATION	29,197.78	IRWD Wells Fargo Check No Print	Reconciled
431267	13-Oct-22	PACIFIC HYDROTECH CORPORATION	3,839.02	IRWD Wells Fargo Check No Print	Reconciled
431268	13-Oct-22	PAUL A. RUELAS	250.00	IRWD Wells Fargo Check No Print	Reconciled
431269	13-Oct-22	PELLETIER & ASSOCIATES, INC.	390.00	IRWD Wells Fargo Check No Print	Reconciled
431270	13-Oct-22	PLUMBERS DEPOT INC.	1,270.79	IRWD Wells Fargo Check No Print	Reconciled
431271	13-Oct-22	PRUDENTIAL OVERALL SUPPLY	485.92	IRWD Wells Fargo Check No Print	Reconciled
431272	13-Oct-22	PSOMAS	12,691.82	IRWD Wells Fargo Check No Print	Reconciled
431273	13-Oct-22	QUALITY ENVIRONMENTAL CONTAINERS	125.70	IRWD Wells Fargo Check No Print	Reconciled
431274	13-Oct-22	QUINN COMPANY	3,352.10	IRWD Wells Fargo Check No Print	Reconciled
431275	13-Oct-22	QUINTANA, WATTS & HARTMANN, LLC	5,150.00	IRWD Wells Fargo Check No Print	Negotiable
431276	13-Oct-22	RED WING SHOE STORE	364.84	IRWD Wells Fargo Check No Print	Reconciled
431277	13-Oct-22	REFRIGERATION SUPPLIES DISTRIBUTOR	482.22	IRWD Wells Fargo Check No Print	Reconciled
431278	13-Oct-22	RODNEY HARMSWORTH ASSOCIATES, INC.	680.00	IRWD Wells Fargo Check No Print	Reconciled
431279	13-Oct-22	S & J SUPPLY CO INC	10,306.44	IRWD Wells Fargo Check No Print	Reconciled
431280	13-Oct-22	SANTA MARGARITA FORD	448.61	IRWD Wells Fargo Check No Print	Reconciled
431281	13-Oct-22	SCHINDLER ELEVATOR CORPORATION	258.15	IRWD Wells Fargo Check No Print	Reconciled
431282	13-Oct-22	SHAMROCK SUPPLY CO INC	362.78	IRWD Wells Fargo Check No Print	Reconciled
431283	13-Oct-22	SHOETERIA	337.01	IRWD Wells Fargo Check No Print	Reconciled
431284	13-Oct-22	SIGNATURE FLOORING, INC	2,709.00	IRWD Wells Fargo Check No Print	Reconciled
431285	13-Oct-22	SMITH SYSTEM DRIVER IMPROVEMENT INSTITUTE, INC.	4,593.75	IRWD Wells Fargo Check No Print	Reconciled
431286	13-Oct-22	SOUTH COAST WATER CO.	95.00	IRWD Wells Fargo Check No Print	Reconciled
431287	13-Oct-22	SOUTHERN CALIFORNIA EDISON COMPANY	1,348,440.47	IRWD Wells Fargo Check No Print	Reconciled
431288	13-Oct-22	SOUTHERN CALIFORNIA EDISON COMPANY	675.00	IRWD Wells Fargo Check No Print	Reconciled
431289	13-Oct-22	SOUTHERN CALIFORNIA GAS COMPANY	14.51	IRWD Wells Fargo Check No Print	Reconciled
431290	13-Oct-22	SOUTHERN CALIFORNIA SECURITY CENTERS, INC.	1,839.49	IRWD Wells Fargo Check No Print	Negotiable
431291	13-Oct-22	SS MECHANICAL CONSTRUCTION CORP	10,364.77	IRWD Wells Fargo Check No Print	Reconciled
431292	13-Oct-22	STERIS CORPORATION	6,244.19	IRWD Wells Fargo Check No Print	Reconciled
431293	13-Oct-22	SUEZ TREATMENT SOLUTIONS INC.	23,618.99	IRWD Wells Fargo Check No Print	Reconciled
431294	13-Oct-22	SULZER ELECTRO-MECHANICAL SERVICES (US) INC.	24,253.80	IRWD Wells Fargo Check No Print	Reconciled
431295	13-Oct-22	SUSAN A. SIROTA	4,850.00	IRWD Wells Fargo Check No Print	Reconciled
431296	13-Oct-22	SYN-TECH SYSTEMS INC	825.00	IRWD Wells Fargo Check No Print	Reconciled
431297	13-Oct-22	SYNAGRO-WWT, INC.	55,991.42	IRWD Wells Fargo Check No Print	Reconciled
431298	13-Oct-22	T.E. ROBERTS, INC.	111,631.08	IRWD Wells Fargo Check No Print	Reconciled
431299	13-Oct-22	TELEDYNE INSTRUMENTS, INC.	8,142.00	IRWD Wells Fargo Check No Print	Reconciled
431300	13-Oct-22	TETRA TECH, INC	35,962.71	IRWD Wells Fargo Check No Print	Reconciled
431301	13-Oct-22	TINOSI, INC	850.00	IRWD Wells Fargo Check No Print	Reconciled
431302	13-Oct-22	TOTAL RESOURCE MANAGEMENT, INC	28,152.00	IRWD Wells Fargo Check No Print	Reconciled
431303	13-Oct-22	TRAFFIC MANAGEMENT, INC	1,730.00	IRWD Wells Fargo Check No Print	Reconciled
431304	13-Oct-22	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA	4,273.00	IRWD Wells Fargo Check No Print	Reconciled
431305	13-Oct-22	UNITED RENTALS (NORTH AMERICA), INC.	2,182.05	IRWD Wells Fargo Check No Print	Reconciled
431306	13-Oct-22	UNITED SITE SERVICES OF CALIFORNIA INC	291.82	IRWD Wells Fargo Check No Print	Reconciled
431307	13-Oct-22	VWR INTERNATIONAL, LLC	322.34	IRWD Wells Fargo Check No Print	Reconciled
431308	13-Oct-22	WATERPOINTE CUSTOM HOMEBUILDERS INC.	934.03	IRWD Wells Fargo Check No Print	Reconciled
431309	13-Oct-22	WAXIE'S ENTERPRISES, INC	595.55	IRWD Wells Fargo Check No Print	Reconciled
431310	13-Oct-22	WEST COAST SAND & GRAVEL INC.	99,751.82	IRWD Wells Fargo Check No Print	Reconciled
431311	13-Oct-22	WEST YOST & ASSOCIATES, INC.	1,596.00	IRWD Wells Fargo Check No Print	Reconciled
431312	13-Oct-22	WHITTINGHAM PUBLIC AFFAIRS ADVISORS	4,000.00	IRWD Wells Fargo Check No Print	Reconciled
431313	13-Oct-22	WONG, PATRICK C	20.54	IRWD Wells Fargo Check No Print	Reconciled

IRVINE RANCH WATER DISTRICT  
AP DISBURSEMENTS AND VOIDS FOR OCTOBER 2022

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431314	13-Oct-22	XYLEM WATER SOLUTIONS USA, INC.	1,039.79	IRWD Wells Fargo Check No Print	Reconciled
431315	13-Oct-22	YSI, INC	304.93	IRWD Wells Fargo Check No Print	Reconciled
431316	20-Oct-22	A&A WIPING CLOTH CO	1,939.50	IRWD Wells Fargo Check No Print	Reconciled
431317	20-Oct-22	A&Y ASPHALT CONTRACTORS, INC.	75,362.28	IRWD Wells Fargo Check No Print	Reconciled
431318	20-Oct-22	AIRGAS, INC.	856.58	IRWD Wells Fargo Check No Print	Reconciled
431319	20-Oct-22	ALEXANDER'S CONTRACT SERVICES, INC.	132,782.45	IRWD Wells Fargo Check No Print	Reconciled
431320	20-Oct-22	AM CONSERVATION GROUP, INC.	1,397.43	IRWD Wells Fargo Check No Print	Reconciled
431321	20-Oct-22	AMAZON CAPITAL SERVICES, INC.	549.28	IRWD Wells Fargo Check No Print	Reconciled
431322	20-Oct-22	ANDAND, SUDHA	24.65	IRWD Wells Fargo Check No Print	Negotiable
431323	20-Oct-22	APCO GRAPHICS INC	765.93	IRWD Wells Fargo Check No Print	Reconciled
431324	20-Oct-22	APPLIED MEDICAL RESOURCES INC	575.24	IRWD Wells Fargo Check No Print	Negotiable
431325	20-Oct-22	AQUA-METRIC SALES COMPANY	66,603.40	IRWD Wells Fargo Check No Print	Negotiable
431326	20-Oct-22	ARC DOCUMENT SOLUTIONS, LLC	644.00	IRWD Wells Fargo Check No Print	Reconciled
431327	20-Oct-22	ASSOCIATION OF CALIFORNIA WATER AGENCIES	2,139.00	IRWD Wells Fargo Check No Print	Negotiable
431328	20-Oct-22	AT&T	119.67	IRWD Wells Fargo Check No Print	Reconciled
431329	20-Oct-22	AT&T	178.46	IRWD Wells Fargo Check No Print	Negotiable
431330	20-Oct-22	AT&T	12,261.09	IRWD Wells Fargo Check No Print	Reconciled
431331	20-Oct-22	BATTERIES PLUS AND BATTERIES PLUS BULBS	85.96	IRWD Wells Fargo Check No Print	Negotiable
431332	20-Oct-22	BEST MANAGEMENT CONSTRUCTION INC	1,818.47	IRWD Wells Fargo Check No Print	Reconciled
431333	20-Oct-22	BIOTAGE LLC	725.08	IRWD Wells Fargo Check No Print	Reconciled
431334	20-Oct-22	BLACKBURN, DANIEL	313.08	IRWD Wells Fargo Check No Print	Negotiable
431335	20-Oct-22	BLESSINGTON LANE ASSOC	7,174.01	IRWD Wells Fargo Check No Print	Reconciled
431336	20-Oct-22	BOFA SECURITIES, INC.	18,765.48	IRWD Wells Fargo Check No Print	Reconciled
431337	20-Oct-22	BURLINGTON SAFETY LABORATORY OF CALIFORNIA INC	436.59	IRWD Wells Fargo Check No Print	Reconciled
431338	20-Oct-22	BURNHAM BENEFITS INSURANCE SERVICES, LLC	5,833.33	IRWD Wells Fargo Check No Print	Reconciled
431339	20-Oct-22	C WELLS PIPELINE MATERIALS INC	6,005.99	IRWD Wells Fargo Check No Print	Reconciled
431340	20-Oct-22	CAI, ZHUOYAO	145.54	IRWD Wells Fargo Check No Print	Negotiable
431341	20-Oct-22	CALIFORNIA BARRICADE RENTAL, INC.	22,189.34	IRWD Wells Fargo Check No Print	Reconciled
431342	20-Oct-22	CALIFORNIA PACIFIC HOMES	937.71	IRWD Wells Fargo Check No Print	Negotiable
431343	20-Oct-22	CALTROL, INC.	225.74	IRWD Wells Fargo Check No Print	Reconciled
431344	20-Oct-22	CANNON CORPORATION	25,992.00	IRWD Wells Fargo Check No Print	Negotiable
431345	20-Oct-22	CANON FINANCIAL SERVICES, INC	8,332.75	IRWD Wells Fargo Check No Print	Negotiable
431346	20-Oct-22	CDW GOVERNMENT LLC	11,481.35	IRWD Wells Fargo Check No Print	Negotiable
431347	20-Oct-22	CENTROID SYSTEMS, INC.	15,735.00	IRWD Wells Fargo Check No Print	Negotiable
431348	20-Oct-22	CHA, YOONHA	19.64	IRWD Wells Fargo Check No Print	Negotiable
431349	20-Oct-22	CHAIREL CUSTOM HAY, INC.	11,446.72	IRWD Wells Fargo Check No Print	Negotiable
431350	20-Oct-22	CHEM TECH INTERNATIONAL INC	41,183.54	IRWD Wells Fargo Check No Print	Reconciled
431351	20-Oct-22	CITY OF TUSTIN	783.21	IRWD Wells Fargo Check No Print	Reconciled
431352	20-Oct-22	CLA-VAL COMPANY	1,567.77	IRWD Wells Fargo Check No Print	Reconciled
431353	20-Oct-22	CONSTELLATION NEWENERGY, INC.	223,395.77	IRWD Wells Fargo Check No Print	Negotiable
431354	20-Oct-22	COUNTY OF ORANGE	80,789.04	IRWD Wells Fargo Check No Print	Negotiable
431355	20-Oct-22	CR & R INCORPORATED	521.43	IRWD Wells Fargo Check No Print	Negotiable
431356	20-Oct-22	CURATIVE I.T. LLC	734.94	IRWD Wells Fargo Check No Print	Negotiable
431357	20-Oct-22	CV TECHNOLOGY, INC.	1,815.73	IRWD Wells Fargo Check No Print	Negotiable
431358	20-Oct-22	D & G SIGNS	9,987.26	IRWD Wells Fargo Check No Print	Reconciled
431359	20-Oct-22	D & H WATER SYSTEMS INC.	10,050.42	IRWD Wells Fargo Check No Print	Reconciled
431360	20-Oct-22	DAVIS FARR LLP	35,000.00	IRWD Wells Fargo Check No Print	Reconciled
431361	20-Oct-22	DCS MANAGEMENT LLC	114.15	IRWD Wells Fargo Check No Print	Reconciled
431362	20-Oct-22	DILYTICS INC	2,800.00	IRWD Wells Fargo Check No Print	Reconciled
431363	20-Oct-22	DIRECTV INC	146.99	IRWD Wells Fargo Check No Print	Negotiable
431364	20-Oct-22	DRAEGER, INC.	1,333.29	IRWD Wells Fargo Check No Print	Negotiable
431365	20-Oct-22	DXP ENTERPRISES, INC.	47,861.48	IRWD Wells Fargo Check No Print	Reconciled
431366	20-Oct-22	EMD MILLIPORE CORP.	1,985.40	IRWD Wells Fargo Check No Print	Reconciled
431367	20-Oct-22	EUROFINS ENVIRONMENT TESTING AMERICA HOLDINGS, INC.	194.25	IRWD Wells Fargo Check No Print	Negotiable
431368	20-Oct-22	EXECUTIVE LIGHTING & ELECTRIC	482.19	IRWD Wells Fargo Check No Print	Reconciled
431369	20-Oct-22	FARWEST CORROSION CONTROL COMPANY	3,765.17	IRWD Wells Fargo Check No Print	Reconciled
431370	20-Oct-22	FASSIHI, AMIR	15.79	IRWD Wells Fargo Check No Print	Negotiable
431371	20-Oct-22	FEDEX	333.65	IRWD Wells Fargo Check No Print	Reconciled
431372	20-Oct-22	FEDEX NATIONAL LTL, INC	501.77	IRWD Wells Fargo Check No Print	Reconciled
431373	20-Oct-22	FIERRO, SERGIO D	4,662.00	IRWD Wells Fargo Check No Print	Reconciled
431374	20-Oct-22	FIRE EXTINGUISHING SAFETY & SERVICE	715.12	IRWD Wells Fargo Check No Print	Reconciled
431375	20-Oct-22	FISHER SCIENTIFIC COMPANY LLC	10,463.81	IRWD Wells Fargo Check No Print	Reconciled
431376	20-Oct-22	FLEMING, RUTHANN	18.99	IRWD Wells Fargo Check No Print	Negotiable
431377	20-Oct-22	FRONTIER CALIFORNIA INC.	295.22	IRWD Wells Fargo Check No Print	Negotiable
431378	20-Oct-22	GANAHL LUMBER CO.	389.21	IRWD Wells Fargo Check No Print	Negotiable
431379	20-Oct-22	GARDEN COMMUNITIES	629.85	IRWD Wells Fargo Check No Print	Negotiable
431380	20-Oct-22	GARY BALE REDI-MIX CONCRETE, INC.	2,021.39	IRWD Wells Fargo Check No Print	Reconciled
431381	20-Oct-22	GENTERRA CONSULTANTS INC	18,348.75	IRWD Wells Fargo Check No Print	Reconciled
431382	20-Oct-22	GONG, LIN	46.20	IRWD Wells Fargo Check No Print	Reconciled
431383	20-Oct-22	GOVERNMENTJOBS.COM, INC.	26,961.98	IRWD Wells Fargo Check No Print	Reconciled
431384	20-Oct-22	GRAINER	4,606.46	IRWD Wells Fargo Check No Print	Reconciled
431385	20-Oct-22	GRAYBAR ELECTRIC COMPANY	3,285.43	IRWD Wells Fargo Check No Print	Reconciled
431386	20-Oct-22	GRIFFITH COMPANY	1,304.86	IRWD Wells Fargo Check No Print	Reconciled
431387	20-Oct-22	GSRP ST SOLAR I LLC	10,964.00	IRWD Wells Fargo Check No Print	Reconciled
431388	20-Oct-22	HACH COMPANY	6,771.79	IRWD Wells Fargo Check No Print	Negotiable
431389	20-Oct-22	HDR ENGINEERING INC	6,093.00	IRWD Wells Fargo Check No Print	Reconciled
431390	20-Oct-22	HELPMATES STAFFING SERVICES LLC	5,401.05	IRWD Wells Fargo Check No Print	Reconciled
431391	20-Oct-22	HI-LINE INC	170.34	IRWD Wells Fargo Check No Print	Reconciled
431392	20-Oct-22	HOME DEPOT USA INC	436.26	IRWD Wells Fargo Check No Print	Reconciled
431393	20-Oct-22	HOME DEPOT USA INC	679.63	IRWD Wells Fargo Check No Print	Negotiable
431394	20-Oct-22	HONG, SOON PHIL	30.73	IRWD Wells Fargo Check No Print	Negotiable
431395	20-Oct-22	HOWELL, LUCY M	20.11	IRWD Wells Fargo Check No Print	Negotiable

IRVINE RANCH WATER DISTRICT  
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CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
431396	20-Oct-22	ICE QUBE, INC.	934.16	IRWD Wells Fargo Check No Print	Negotiable
431397	20-Oct-22	ICON OWNER POOL 1 LA BUSINESS PARKS LLC	39.48	IRWD Wells Fargo Check No Print	Negotiable
431398	20-Oct-22	INFOSEND, INC.	58,770.05	IRWD Wells Fargo Check No Print	Reconciled
431399	20-Oct-22	JL GROUP, LLC	2,913.00	IRWD Wells Fargo Check No Print	Negotiable
431400	20-Oct-22	JOHNSON-FRANK & ASSOCIATES, INC.	9,600.00	IRWD Wells Fargo Check No Print	Reconciled
431401	20-Oct-22	JPR SYSTEMS INC	2,423.00	IRWD Wells Fargo Check No Print	Negotiable
431402	20-Oct-22	KAESER COMPRESSORS, INC.	42,256.56	IRWD Wells Fargo Check No Print	Reconciled
431403	20-Oct-22	KAN VENTURES, INC	13,452.21	IRWD Wells Fargo Check No Print	Negotiable
431404	20-Oct-22	KASRAIE, ALEX	574.39	IRWD Wells Fargo Check No Print	Reconciled
431405	20-Oct-22	KIM, WILLIAM	27.93	IRWD Wells Fargo Check No Print	Negotiable
431406	20-Oct-22	LANDCARE HOLDINGS, INC.	58,774.66	IRWD Wells Fargo Check No Print	Reconciled
431407	20-Oct-22	LASZLO, USA	20.92	IRWD Wells Fargo Check No Print	Negotiable
431408	20-Oct-22	LEE & RO, INC.	11,980.00	IRWD Wells Fargo Check No Print	Negotiable
431409	20-Oct-22	LEE, YI CHENG	40.18	IRWD Wells Fargo Check No Print	Reconciled
431410	20-Oct-22	LENNAR HOMES OF CALIFORNIA, INC.	229.09	IRWD Wells Fargo Check No Print	Reconciled
431411	20-Oct-22	LI, SHUNSHAN	1,870.23	IRWD Wells Fargo Check No Print	Reconciled
431412	20-Oct-22	LIANG, JOSHUA	17.51	IRWD Wells Fargo Check No Print	Negotiable
431413	20-Oct-22	LIN, XINQI	31.06	IRWD Wells Fargo Check No Print	Negotiable
431414	20-Oct-22	LINDE GAS & EQUIPMENT INC.	3,470.25	IRWD Wells Fargo Check No Print	Reconciled
431415	20-Oct-22	LISACK, LAURA	17.15	IRWD Wells Fargo Check No Print	Negotiable
431416	20-Oct-22	LU'S LIGHTHOUSE, INC.	1,231.74	IRWD Wells Fargo Check No Print	Reconciled
431417	20-Oct-22	MC MASTER CARR SUPPLY CO	374.83	IRWD Wells Fargo Check No Print	Reconciled
431418	20-Oct-22	MICROSOFT CORPORATION	535.94	IRWD Wells Fargo Check No Print	Reconciled
431419	20-Oct-22	MILES CHEMICAL COMPANY, INC.	7,379.75	IRWD Wells Fargo Check No Print	Reconciled
431420	20-Oct-22	MIRZA, ADOR	1,999.19	IRWD Wells Fargo Check No Print	Reconciled
431421	20-Oct-22	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY	16,631.40	IRWD Wells Fargo Check No Print	Reconciled
431422	20-Oct-22	MUTUAL PROPANE	36.00	IRWD Wells Fargo Check No Print	Reconciled
431423	20-Oct-22	MYERS & SONS HI-WAY SAFETY, INC.	4,237.43	IRWD Wells Fargo Check No Print	Reconciled
431424	20-Oct-22	NEW DIMENSION GENERAL CONSTRUCTION	3,676.55	IRWD Wells Fargo Check No Print	Reconciled
431425	20-Oct-22	NEW PIG CORPORATION	95.90	IRWD Wells Fargo Check No Print	Negotiable
431426	20-Oct-22	NG, WAN SZE	29.46	IRWD Wells Fargo Check No Print	Negotiable
431427	20-Oct-22	NORTHWOOD PARK APTS	108.17	IRWD Wells Fargo Check No Print	Negotiable
431428	20-Oct-22	NVS, INC.	40,600.00	IRWD Wells Fargo Check No Print	Reconciled
431429	20-Oct-22	OKAMURA, HISA	5.46	IRWD Wells Fargo Check No Print	Negotiable
431430	20-Oct-22	OLIN CORPORATION	9,023.43	IRWD Wells Fargo Check No Print	Reconciled
431431	20-Oct-22	OLIN CORPORATION	95,237.45	IRWD Wells Fargo Check No Print	Negotiable
431432	20-Oct-22	OLIVAS, VIRGINIA	20.36	IRWD Wells Fargo Check No Print	Negotiable
431433	20-Oct-22	ONESOURCE DISTRIBUTORS LLC	35,632.32	IRWD Wells Fargo Check No Print	Reconciled
431434	20-Oct-22	ORANGE COAST PLUMBING	3,640.92	IRWD Wells Fargo Check No Print	Reconciled
431435	20-Oct-22	ORANGE COUNTY FIRE PROTECTION	11,615.00	IRWD Wells Fargo Check No Print	Negotiable
431436	20-Oct-22	PABALAN, MAXINE	35.82	IRWD Wells Fargo Check No Print	Negotiable
431437	20-Oct-22	PACIFIC PARTS & CONTROLS INC	2,263.92	IRWD Wells Fargo Check No Print	Reconciled
431438	20-Oct-22	PACIFIC STAR CHEMICAL, LLC	2,426.40	IRWD Wells Fargo Check No Print	Reconciled
431439	20-Oct-22	PARTNERS IN CONTROL, INC.	10,923.60	IRWD Wells Fargo Check No Print	Reconciled
431440	20-Oct-22	PAVEMENT COATINGS CO.	1,469.20	IRWD Wells Fargo Check No Print	Reconciled
431441	20-Oct-22	PENN ARCHIVE SERVICES	86.57	IRWD Wells Fargo Check No Print	Reconciled
431442	20-Oct-22	PINNACLE TOWERS LLC	842.76	IRWD Wells Fargo Check No Print	Reconciled
431443	20-Oct-22	PMC ENGINEERING LLC.	825.73	IRWD Wells Fargo Check No Print	Reconciled
431444	20-Oct-22	PROJECT PARTNERS LLC	16,085.00	IRWD Wells Fargo Check No Print	Reconciled
431445	20-Oct-22	PSOMAS	52,015.00	IRWD Wells Fargo Check No Print	Reconciled
431446	20-Oct-22	PULTE GROUP	55.93	IRWD Wells Fargo Check No Print	Negotiable
431447	20-Oct-22	PURE PROCESS FILTRATION INC	5,721.63	IRWD Wells Fargo Check No Print	Reconciled
431448	20-Oct-22	QUADIENT LEASING USA, INC.	260.47	IRWD Wells Fargo Check No Print	Negotiable
431449	20-Oct-22	QUINTANA, WATTS & HARTMANN, LLC	5,150.00	IRWD Wells Fargo Check No Print	Negotiable
431450	20-Oct-22	REFRIGERATION SUPPLIES DISTRIBUTOR	72.71	IRWD Wells Fargo Check No Print	Reconciled
431451	20-Oct-22	RENTOKIL NORTH AMERICA, INC	6,017.00	IRWD Wells Fargo Check No Print	Negotiable
431452	20-Oct-22	SAFETY-KLEEN SYSTEMS, INC	242.50	IRWD Wells Fargo Check No Print	Reconciled
431453	20-Oct-22	SAN LEON APTS	75.57	IRWD Wells Fargo Check No Print	Negotiable
431454	20-Oct-22	SAN REMO APTS	58.36	IRWD Wells Fargo Check No Print	Negotiable
431455	20-Oct-22	SANTA MARGARITA FORD	746.04	IRWD Wells Fargo Check No Print	Reconciled
431456	20-Oct-22	SANTA MARGARITA FORD	151.28	IRWD Wells Fargo Check No Print	Reconciled
431457	20-Oct-22	SCA OF CA, LLC	836.00	IRWD Wells Fargo Check No Print	Reconciled
431458	20-Oct-22	SEAL ANALYTICAL INC	1,041.99	IRWD Wells Fargo Check No Print	Negotiable
431459	20-Oct-22	SECURITAS SECURITY SERVICES USA, INC.	89,566.79	IRWD Wells Fargo Check No Print	Reconciled
431460	20-Oct-22	SERRANO WATER DISTRICT	27,786.25	IRWD Wells Fargo Check No Print	Reconciled
431461	20-Oct-22	SHAMROCK SUPPLY CO INC	1,897.14	IRWD Wells Fargo Check No Print	Reconciled
431462	20-Oct-22	SIDDIQI, SHAFI	19.66	IRWD Wells Fargo Check No Print	Negotiable
431463	20-Oct-22	SNYDER LANGSTON L.P.	1,573.89	IRWD Wells Fargo Check No Print	Negotiable
431464	20-Oct-22	SOUTH COAST WATER DISTRICT	2,084.97	IRWD Wells Fargo Check No Print	Reconciled
431465	20-Oct-22	SOUTHERN CALIFORNIA EDISON COMPANY	9,050.39	IRWD Wells Fargo Check No Print	Reconciled
431466	20-Oct-22	SOUTHERN CALIFORNIA GAS COMPANY	24,574.13	IRWD Wells Fargo Check No Print	Reconciled
431467	20-Oct-22	SOUTHERN CALIFORNIA SECURITY CENTERS, INC.	19.32	IRWD Wells Fargo Check No Print	Negotiable
431468	20-Oct-22	SOUTHERN COUNTIES LUBRICANTS LLC	4,460.59	IRWD Wells Fargo Check No Print	Reconciled
431469	20-Oct-22	SPARKLETT'S	365.22	IRWD Wells Fargo Check No Print	Negotiable
431470	20-Oct-22	STANFORD COURT APARTMENTS	18.45	IRWD Wells Fargo Check No Print	Negotiable
431471	20-Oct-22	STANTEC CONSULTING SERVICES INC.	11,738.50	IRWD Wells Fargo Check No Print	Negotiable
431472	20-Oct-22	STRADLING YOCCA CARLSON & RAUTH	192.50	IRWD Wells Fargo Check No Print	Reconciled
431473	20-Oct-22	SUEZ TREATMENT SOLUTIONS INC.	552.53	IRWD Wells Fargo Check No Print	Reconciled
431474	20-Oct-22	SUN CAL REAL ESTATE CORP	150.49	IRWD Wells Fargo Check No Print	Reconciled
431475	20-Oct-22	TAIT ENVIRONMENTAL SERVICES, INC.	675.00	IRWD Wells Fargo Check No Print	Reconciled
431476	20-Oct-22	TALLEY INC	2,982.31	IRWD Wells Fargo Check No Print	Reconciled
431477	20-Oct-22	TASSIN SCIENTIFIC SERVICES, LLC.	402.99	IRWD Wells Fargo Check No Print	Negotiable



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CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
431478	20-Oct-22	TAYLOR MORRISON OF CALIFORNIA, LLC	333.40	IRWD Wells Fargo Check No Print	Reconciled
431479	20-Oct-22	THE PARKLANDS	359.47	IRWD Wells Fargo Check No Print	Negotiable
431480	20-Oct-22	THOMAS HARDER & CO	8,831.25	IRWD Wells Fargo Check No Print	Negotiable
431481	20-Oct-22	THRYV, INC.	41.00	IRWD Wells Fargo Check No Print	Negotiable
431482	20-Oct-22	TIC-IHC VENTURE LLC	181.90	IRWD Wells Fargo Check No Print	Negotiable
431483	20-Oct-22	TIC-IPG-COMMON	185.06	IRWD Wells Fargo Check No Print	Negotiable
431484	20-Oct-22	TIC-OFFICE PROPERTIES	786.61	IRWD Wells Fargo Check No Print	Negotiable
431485	20-Oct-22	TIC-SPECTRUM OFFICE	121.55	IRWD Wells Fargo Check No Print	Negotiable
431486	20-Oct-22	TIERRA VERDE INDUSTRIES	87.27	IRWD Wells Fargo Check No Print	Negotiable
431487	20-Oct-22	TIMOTHY W. HOGAN	484.88	IRWD Wells Fargo Check No Print	Reconciled
431488	20-Oct-22	TOTAL RESOURCE MANAGEMENT, INC	2,040.00	IRWD Wells Fargo Check No Print	Reconciled
431489	20-Oct-22	TRAFFIC MANAGEMENT, INC	4,491.50	IRWD Wells Fargo Check No Print	Reconciled
431490	20-Oct-22	TRICENTIS AMERICAS, INC.	6,077.54	IRWD Wells Fargo Check No Print	Negotiable
431491	20-Oct-22	TRIPAC MARKETING INC	883.24	IRWD Wells Fargo Check No Print	Reconciled
431492	20-Oct-22	UNITED PARCEL SERVICE INC	224.22	IRWD Wells Fargo Check No Print	Reconciled
431493	20-Oct-22	UNITED WATER WORKS, INC.	56,199.88	IRWD Wells Fargo Check No Print	Reconciled
431494	20-Oct-22	UNIVAR SOLUTIONS USA INC.	8,271.20	IRWD Wells Fargo Check No Print	Negotiable
431495	20-Oct-22	US BANK NAT'L ASSOC N.DAKOTA	8,821.91	IRWD Wells Fargo Check No Print	Negotiable
431496	20-Oct-22	VENKATARAMAN, SHILPA	107.26	IRWD Wells Fargo Check No Print	Negotiable
431497	20-Oct-22	VICTAULIC COMPANY	7,005.54	IRWD Wells Fargo Check No Print	Reconciled
431498	20-Oct-22	VISTA PAINT CORPORATION	507.37	IRWD Wells Fargo Check No Print	Reconciled
431499	20-Oct-22	VULCAN MATERIALS COMPANY	2,163.69	IRWD Wells Fargo Check No Print	Reconciled
431500	20-Oct-22	VWR INTERNATIONAL, LLC	4,974.54	IRWD Wells Fargo Check No Print	Reconciled
431501	20-Oct-22	WASTE MANAGEMENT COLLECTIONS AND RECYCLING, INC.	5,012.67	IRWD Wells Fargo Check No Print	Reconciled
431502	20-Oct-22	WATERLINE TECHNOLOGIES INC	12,264.80	IRWD Wells Fargo Check No Print	Reconciled
431503	20-Oct-22	WATERSMART SOFTWARE INC	15,925.12	IRWD Wells Fargo Check No Print	Negotiable
431504	20-Oct-22	WAXIE'S ENTERPRISES, INC	2,101.85	IRWD Wells Fargo Check No Print	Reconciled
431505	20-Oct-22	WECK LABORATORIES INC	5,419.25	IRWD Wells Fargo Check No Print	Reconciled
431506	20-Oct-22	WEST COAST SAND & GRAVEL INC.	4,543.46	IRWD Wells Fargo Check No Print	Reconciled
431507	20-Oct-22	WILSON FAMILY TRUST	2,078.80	IRWD Wells Fargo Check No Print	Reconciled
431508	20-Oct-22	WIN-911 SOFTWARE	6,000.00	IRWD Wells Fargo Check No Print	Reconciled
431509	20-Oct-22	ZHAI, ENDI	83.52	IRWD Wells Fargo Check No Print	Negotiable
431510	20-Oct-22	ZHANG, LIANGLIANG	123.43	IRWD Wells Fargo Check No Print	Negotiable
431511	20-Oct-22	ZHENG, LIUZHEN	73.35	IRWD Wells Fargo Check No Print	Negotiable
431512	20-Oct-22	ZIMA CORPORATION	14,809.16	IRWD Wells Fargo Check No Print	Reconciled
431526	20-Oct-22	GEA MECHANICAL EQUIPMENT US, INC.	990.00	IRWD Wells Fargo Check No Print	Negotiable
431531	25-Oct-22	AECOM TECHNICAL SERVICES, INC.	10,645.00	IRWD Wells Fargo Check No Print	Negotiable
431532	25-Oct-22	ALSTON & BIRD LLP	24,764.54	IRWD Wells Fargo Check No Print	Reconciled
431533	25-Oct-22	AMAZON CAPITAL SERVICES, INC.	1,044.38	IRWD Wells Fargo Check No Print	Reconciled
431534	25-Oct-22	ASSOCIATION OF CALIFORNIA WATER AGENCIES	2,851.40	IRWD Wells Fargo Check No Print	Negotiable
431535	25-Oct-22	AT&T	203.52	IRWD Wells Fargo Check No Print	Negotiable
431536	25-Oct-22	AUTOZONE PARTS, INC.	65.73	IRWD Wells Fargo Check No Print	Negotiable
431537	25-Oct-22	BLACK & VEATCH CORPORATION	15,079.87	IRWD Wells Fargo Check No Print	Reconciled
431538	25-Oct-22	BLAIRS TOWING INC	412.00	IRWD Wells Fargo Check No Print	Negotiable
431539	25-Oct-22	BSI AMERICA PROFESSIONAL SERVICES INC.	25,500.00	IRWD Wells Fargo Check No Print	Negotiable
431540	25-Oct-22	C.R., LLC	16.18	IRWD Wells Fargo Check No Print	Negotiable
431541	25-Oct-22	CALIFORNIA BARRICADE RENTAL, INC.	18,016.75	IRWD Wells Fargo Check No Print	Reconciled
431542	25-Oct-22	CART MART INC.	262.56	IRWD Wells Fargo Check No Print	Reconciled
431543	25-Oct-22	CDW GOVERNMENT LLC	44,000.00	IRWD Wells Fargo Check No Print	Negotiable
431544	25-Oct-22	CEM CORPORATION	1,440.42	IRWD Wells Fargo Check No Print	Reconciled
431545	25-Oct-22	CHEM TECH INTERNATIONAL INC	26,980.45	IRWD Wells Fargo Check No Print	Negotiable
431546	25-Oct-22	CITY OF NEWPORT BEACH	2,198.03	IRWD Wells Fargo Check No Print	Negotiable
431547	25-Oct-22	CLARIS STRATEGY INC.	5,302.25	IRWD Wells Fargo Check No Print	Reconciled
431548	25-Oct-22	CONSTELLATION NEWENERGY, INC.	29,016.84	IRWD Wells Fargo Check No Print	Negotiable
431549	25-Oct-22	COSTCO WHOLESALE CORPORATION	1,624.35	IRWD Wells Fargo Check No Print	Negotiable
431550	25-Oct-22	COX COMMUNICATIONS, INC.	3,442.40	IRWD Wells Fargo Check No Print	Reconciled
431551	25-Oct-22	DCS MANAGEMENT LLC	557.10	IRWD Wells Fargo Check No Print	Reconciled
431552	25-Oct-22	DELL MARKETING LP	157.32	IRWD Wells Fargo Check No Print	Negotiable
431553	25-Oct-22	DRIVELINES INC	419.34	IRWD Wells Fargo Check No Print	Negotiable
431554	25-Oct-22	DXP ENTERPRISES, INC.	3,864.60	IRWD Wells Fargo Check No Print	Reconciled
431555	25-Oct-22	EHS INTERNATIONAL,INC	3,685.00	IRWD Wells Fargo Check No Print	Reconciled
431556	25-Oct-22	ENVIRONMENTAL ENGINEERING AND CONTRACTING, INC.	25,357.50	IRWD Wells Fargo Check No Print	Reconciled
431557	25-Oct-22	ENVIRONMENTAL EXPRESS INC	3,476.65	IRWD Wells Fargo Check No Print	Negotiable
431558	25-Oct-22	EUROFINS ENVIRONMENT TESTING AMERICA HOLDINGS, INC.	2,288.00	IRWD Wells Fargo Check No Print	Negotiable
431559	25-Oct-22	EXECUTIVE LIGHTING & ELECTRIC	369.81	IRWD Wells Fargo Check No Print	Negotiable
431560	25-Oct-22	EXLINE, INC.	2,553.79	IRWD Wells Fargo Check No Print	Negotiable
431561	25-Oct-22	FAUBION, BILL	89.24	IRWD Wells Fargo Check No Print	Negotiable
431562	25-Oct-22	FEDEX	163.32	IRWD Wells Fargo Check No Print	Reconciled
431563	25-Oct-22	FINLEY, MARY	51.25	IRWD Wells Fargo Check No Print	Negotiable
431564	25-Oct-22	FISHER SCIENTIFIC COMPANY LLC	297.79	IRWD Wells Fargo Check No Print	Reconciled
431565	25-Oct-22	FRONTIER CALIFORNIA INC.	219.08	IRWD Wells Fargo Check No Print	Negotiable
431566	25-Oct-22	GARY BALE REDI-MIX CONCRETE, INC.	2,021.39	IRWD Wells Fargo Check No Print	Reconciled
431567	25-Oct-22	GEI CONSULTANTS INC	15,437.50	IRWD Wells Fargo Check No Print	Reconciled
431568	25-Oct-22	GHD INC.	37,390.43	IRWD Wells Fargo Check No Print	Negotiable
431569	25-Oct-22	GOFORTH & MARTI	2,815.33	IRWD Wells Fargo Check No Print	Reconciled
431570	25-Oct-22	GOLDMAN, SACHS & CO. LLC	12,602.74	IRWD Wells Fargo Check No Print	Reconciled
431571	25-Oct-22	GRAINGER	3,301.91	IRWD Wells Fargo Check No Print	Negotiable
431572	25-Oct-22	GRAYBAR ELECTRIC COMPANY	795.79	IRWD Wells Fargo Check No Print	Reconciled
431573	25-Oct-22	HACH COMPANY	400.86	IRWD Wells Fargo Check No Print	Reconciled
431574	25-Oct-22	HAZEN AND SAWYER	3,320.00	IRWD Wells Fargo Check No Print	Negotiable
431575	25-Oct-22	HDR ENGINEERING INC	52,071.76	IRWD Wells Fargo Check No Print	Reconciled
431576	25-Oct-22	HELPMATES STAFFING SERVICES LLC	15,272.01	IRWD Wells Fargo Check No Print	Reconciled

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CHECK OR ELECTRONIC #	PAYMENT DATE	SUPPLIERS	PAYMENT AMOUNT	PAYMENT METHOD	STATUS
431577	25-Oct-22	HOME DEPOT USA INC	23.66	IRWD Wells Fargo Check No Print	Negotiable
431578	25-Oct-22	HUNG, KUOCHOU	51.80	IRWD Wells Fargo Check No Print	Negotiable
431579	25-Oct-22	IMPERIAL SPRINKLER SUPPLY, INC.	1,900.05	IRWD Wells Fargo Check No Print	Reconciled
431580	25-Oct-22	INDUSTRIAL METAL SUPPLY CO	27.30	IRWD Wells Fargo Check No Print	Reconciled
431581	25-Oct-22	INFOSEND, INC.	6,574.67	IRWD Wells Fargo Check No Print	Reconciled
431582	25-Oct-22	JAMBOREE SMOG	89.75	IRWD Wells Fargo Check No Print	Negotiable
431583	25-Oct-22	JOSE MARTINEZ TREE SERVICE INC.	3,500.00	IRWD Wells Fargo Check No Print	Reconciled
431584	25-Oct-22	KILL-N-BUGS TERMITE AND PEST CONTROL SERVICES	4,875.00	IRWD Wells Fargo Check No Print	Negotiable
431585	25-Oct-22	KOZAK STROJECKA, ANNA	34.28	IRWD Wells Fargo Check No Print	Negotiable
431586	25-Oct-22	LANDCARE HOLDINGS, INC.	67,096.30	IRWD Wells Fargo Check No Print	Negotiable
431587	25-Oct-22	LINDE GAS & EQUIPMENT INC.	5,519.11	IRWD Wells Fargo Check No Print	Negotiable
431588	25-Oct-22	LOZANO SMITH, LLP	24,946.00	IRWD Wells Fargo Check No Print	Negotiable
431589	25-Oct-22	LU'S LIGHTHOUSE, INC.	1,865.06	IRWD Wells Fargo Check No Print	Reconciled
431590	25-Oct-22	MR CRANE INC	3,318.00	IRWD Wells Fargo Check No Print	Negotiable
431591	25-Oct-22	NALCO COMPANY LLC	1,329.54	IRWD Wells Fargo Check No Print	Reconciled
431592	25-Oct-22	NATIONAL READY MIXED CONCRETE SALES, LLC	1,119.76	IRWD Wells Fargo Check No Print	Reconciled
431593	25-Oct-22	O'REILLY AUTO ENTERPRISES, LLC	333.06	IRWD Wells Fargo Check No Print	Negotiable
431594	25-Oct-22	OLIN CORPORATION	5,120.83	IRWD Wells Fargo Check No Print	Negotiable
431595	25-Oct-22	PACIFIC HYDROTECH CORPORATION	356,151.44	IRWD Wells Fargo Check No Print	Negotiable
431596	25-Oct-22	PACIFIC HYDROTECH CORPORATION	18,744.81	IRWD Wells Fargo Check No Print	Negotiable
431597	25-Oct-22	PELLETIER & ASSOCIATES, INC.	812.00	IRWD Wells Fargo Check No Print	Negotiable
431598	25-Oct-22	PLUMBERS DEPOT INC.	2,526.54	IRWD Wells Fargo Check No Print	Negotiable
431599	25-Oct-22	POHAS, STEPHEN	26.29	IRWD Wells Fargo Check No Print	Negotiable
431600	25-Oct-22	PORTOLA HILLS COMMUNITY ASSOCIATION	30,000.00	IRWD Wells Fargo Check No Print	Negotiable
431601	25-Oct-22	PRUDENTIAL OVERALL SUPPLY	12,137.98	IRWD Wells Fargo Check No Print	Reconciled
431602	25-Oct-22	PULTE GROUP	211.02	IRWD Wells Fargo Check No Print	Negotiable
431603	25-Oct-22	R.F. MACDONALD CO.	2,100.00	IRWD Wells Fargo Check No Print	Reconciled
431604	25-Oct-22	RANCHO ALISAL APTS	39.31	IRWD Wells Fargo Check No Print	Negotiable
431605	25-Oct-22	REAL WATER CONSULTANTS INC.	40,764.00	IRWD Wells Fargo Check No Print	Negotiable
431606	25-Oct-22	RENTOKIL NORTH AMERICA, INC	16,846.00	IRWD Wells Fargo Check No Print	Negotiable
431607	25-Oct-22	RICHARD C. SLADE & ASSOCIATES LLC	3,216.45	IRWD Wells Fargo Check No Print	Negotiable
431608	25-Oct-22	RODNEY HARMSWORTH ASSOCIATES, INC.	660.00	IRWD Wells Fargo Check No Print	Negotiable
431609	25-Oct-22	SANTA MARGARITA FORD	404.81	IRWD Wells Fargo Check No Print	Reconciled
431610	25-Oct-22	SANTIAGO AQUEDUCT COMMISSION	21,300.00	IRWD Wells Fargo Check No Print	Reconciled
431611	25-Oct-22	SCA OF CA, LLC	836.00	IRWD Wells Fargo Check No Print	Negotiable
431612	25-Oct-22	SEAPY, ROGER	39.88	IRWD Wells Fargo Check No Print	Negotiable
431613	25-Oct-22	SHEA HOMES LIMITED PARTNERSHIP	26.75	IRWD Wells Fargo Check No Print	Negotiable
431614	25-Oct-22	SITEONE LANDSCAPE SUPPLY, LLC	202.89	IRWD Wells Fargo Check No Print	Reconciled
431615	25-Oct-22	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT	1,861.83	IRWD Wells Fargo Check No Print	Negotiable
431616	25-Oct-22	SOUTH COAST WATER DISTRICT	333.15	IRWD Wells Fargo Check No Print	Reconciled
431617	25-Oct-22	SOUTHERN CALIFORNIA EDISON COMPANY	333,256.46	IRWD Wells Fargo Check No Print	Negotiable
431618	25-Oct-22	SOUTHERN CALIFORNIA GAS COMPANY	28.16	IRWD Wells Fargo Check No Print	Negotiable
431619	25-Oct-22	SOUTHERN COUNTIES LUBRICANTS LLC	2,134.24	IRWD Wells Fargo Check No Print	Reconciled
431620	25-Oct-22	STANTEC CONSULTING SERVICES INC.	3,979.50	IRWD Wells Fargo Check No Print	Negotiable
431621	25-Oct-22	SUN TREE GARDEN LLC	7,402.97	IRWD Wells Fargo Check No Print	Negotiable
431622	25-Oct-22	SUN, KAIYUE	33.80	IRWD Wells Fargo Check No Print	Negotiable
431623	25-Oct-22	TAIT ENVIRONMENTAL SERVICES, INC.	1,139.80	IRWD Wells Fargo Check No Print	Negotiable
431624	25-Oct-22	THE IRVINE COMPANY	1,477.67	IRWD Wells Fargo Check No Print	Reconciled
431625	25-Oct-22	TIC-IPG-COMMON	14.96	IRWD Wells Fargo Check No Print	Negotiable
431626	25-Oct-22	TICIC SUB LLC	1,794.70	IRWD Wells Fargo Check No Print	Negotiable
431627	25-Oct-22	TRAN, TINA	41.08	IRWD Wells Fargo Check No Print	Negotiable
431628	25-Oct-22	TRI COUNTY PUMP COMPANY	52,323.63	IRWD Wells Fargo Check No Print	Reconciled
431629	25-Oct-22	TUSTIN TOYOTA	507.98	IRWD Wells Fargo Check No Print	Negotiable
431630	25-Oct-22	ULINE INC	504.28	IRWD Wells Fargo Check No Print	Negotiable
431631	25-Oct-22	USA BLUEBOOK	581.24	IRWD Wells Fargo Check No Print	Negotiable
431632	25-Oct-22	V&A CONSULTING ENGINEERS	7,231.00	IRWD Wells Fargo Check No Print	Negotiable
431633	25-Oct-22	VIDAURRETA, CLAUDIA	77.82	IRWD Wells Fargo Check No Print	Negotiable
431634	25-Oct-22	VISTA PAINT CORPORATION	1,469.93	IRWD Wells Fargo Check No Print	Negotiable
431635	25-Oct-22	WATEREUSE ASSOCIATION	12,547.50	IRWD Wells Fargo Check No Print	Negotiable
431636	25-Oct-22	WECK LABORATORIES INC	120.00	IRWD Wells Fargo Check No Print	Reconciled
431637	25-Oct-22	WEHNER, BRIAN	30.11	IRWD Wells Fargo Check No Print	Negotiable
431638	25-Oct-22	WEST YOST & ASSOCIATES, INC.	38,196.50	IRWD Wells Fargo Check No Print	Negotiable
431639	25-Oct-22	WIRELESS WATCHDOGS, LLC	1,136.00	IRWD Wells Fargo Check No Print	Negotiable
431640	25-Oct-22	XTREME PAVING & GRADING	1,732.36	IRWD Wells Fargo Check No Print	Negotiable
431641	25-Oct-22	XYLEM WATER SOLUTIONS USA, INC.	1,619.59	IRWD Wells Fargo Check No Print	Reconciled
431642	25-Oct-22	YOUN, SUKWON	681.98	IRWD Wells Fargo Check No Print	Negotiable
<b>SUB-TOTAL IRWD WELLS FARGO CHECK NO PRINT DISBURSEMENTS</b>			<b>8,952,245.30</b>		
1000035	6-Oct-22	ADAM'S FALCONRY SERVICE, LLC	1,560.00	IRWD Wells Fargo ACH	Reconciled
1000036	6-Oct-22	AQUA BEN CORPORATION	61,204.86	IRWD Wells Fargo ACH	Reconciled
1000037	6-Oct-22	BRENNTAG PACIFIC INC	5,805.50	IRWD Wells Fargo ACH	Reconciled
1000038	6-Oct-22	DEMARIA ELECTRIC MOTOR SERVICES, INC.	15,700.36	IRWD Wells Fargo ACH	Reconciled
1000039	6-Oct-22	DRAKE TRAFFIC CONTROL SERVICES INC	3,375.00	IRWD Wells Fargo ACH	Reconciled
1000040	6-Oct-22	HILL BROTHERS CHEMICAL COMPANY	23,137.53	IRWD Wells Fargo ACH	Reconciled
1000041	6-Oct-22	MBF CONSULTING, INC.	16,088.00	IRWD Wells Fargo ACH	Reconciled
1000042	6-Oct-22	MORGAN COMPANY	179.04	IRWD Wells Fargo ACH	Reconciled
1000043	6-Oct-22	N1 CRITICAL TECHNOLOGIES, INC	8,923.80	IRWD Wells Fargo ACH	Reconciled
1000044	6-Oct-22	RAM AIR ENGINEERING INC	6,876.16	IRWD Wells Fargo ACH	Reconciled
1000045	6-Oct-22	SUN-STAR ELECTRIC, INC.	26,051.66	IRWD Wells Fargo ACH	Reconciled
1000046	6-Oct-22	WORKFORCE SAFETY LLC	7,500.00	IRWD Wells Fargo ACH	Reconciled
1000047	7-Oct-22	HANSON BRIDGETT LLP	71,325.78	IRWD Wells Fargo ACH	Reconciled
1000048	13-Oct-22	APPLIED ENGINEERING CONCEPTS	6,980.00	IRWD Wells Fargo ACH	Reconciled

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

<b>CHECK OR ELECTRONIC #</b>	<b>PAYMENT DATE</b>	<b>SUPPLIERS</b>	<b>PAYMENT AMOUNT</b>	<b>PAYMENT METHOD</b>	<b>STATUS</b>
1000049	13-Oct-22	CITY OF IRVINE	1,391.00	IRWD Wells Fargo ACH	Reconciled
1000050	13-Oct-22	DRAKE TRAFFIC CONTROL SERVICES INC	7,467.50	IRWD Wells Fargo ACH	Reconciled
1000051	13-Oct-22	E.J. MEYER COMPANY	1,994,137.15	IRWD Wells Fargo ACH	Reconciled
1000052	13-Oct-22	FLUID SOUND, INC.	2,638.14	IRWD Wells Fargo ACH	Reconciled
1000053	13-Oct-22	JCI JONES CHEMICALS INC	7,803.01	IRWD Wells Fargo ACH	Reconciled
1000054	13-Oct-22	JIG CONSULTANTS	1,828.44	IRWD Wells Fargo ACH	Reconciled
1000055	13-Oct-22	LABWORKS, LLC	23,750.00	IRWD Wells Fargo ACH	Reconciled
1000056	13-Oct-22	MORGAN COMPANY	182.04	IRWD Wells Fargo ACH	Reconciled
1000057	13-Oct-22	ORIGIN CONSULTING LLC	5,632.50	IRWD Wells Fargo ACH	Reconciled
1000058	13-Oct-22	PAULUS ENGINEERING, INC.	26,531.74	IRWD Wells Fargo ACH	Reconciled
1000059	13-Oct-22	PYRO-COMM SYSTEMS INC	16,665.00	IRWD Wells Fargo ACH	Reconciled
1000060	13-Oct-22	RAM AIR ENGINEERING INC	10,220.83	IRWD Wells Fargo ACH	Reconciled
1000061	13-Oct-22	RINCON TRUCK CENTER INC.	272.64	IRWD Wells Fargo ACH	Reconciled
1000062	13-Oct-22	WOODARD & CURRAN INC	49,914.43	IRWD Wells Fargo ACH	Reconciled
1000063	13-Oct-22	WORKFORCE SAFETY LLC	4,500.00	IRWD Wells Fargo ACH	Reconciled
1000064	18-Oct-22	JCI JONES CHEMICALS INC	3,723.40	IRWD Wells Fargo ACH	Reconciled
1000065	18-Oct-22	ORANGE COUNTY SANITATION DISTRICT	55,691.67	IRWD Wells Fargo ACH	Reconciled
1000066	20-Oct-22	ADAM'S FALCONRY SERVICE, LLC	1,820.00	IRWD Wells Fargo ACH	Reconciled
1000067	20-Oct-22	APPLIED ENGINEERING CONCEPTS	4,220.00	IRWD Wells Fargo ACH	Reconciled
1000068	20-Oct-22	BRENNTAG PACIFIC INC	7,055.80	IRWD Wells Fargo ACH	Reconciled
1000069	20-Oct-22	CAROLLO ENGINEERS, INC	2,111.59	IRWD Wells Fargo ACH	Reconciled
1000070	20-Oct-22	CITY OF IRVINE	11,625.69	IRWD Wells Fargo ACH	Reconciled
1000071	20-Oct-22	COASTAL OCCUPATIONAL MEDICAL GROUP, INC.	180.00	IRWD Wells Fargo ACH	Reconciled
1000072	20-Oct-22	CONSERV CONSTRUCTION INC.	512.50	IRWD Wells Fargo ACH	Reconciled
1000073	20-Oct-22	COTTONS POINT DESIGN, INC.	11,897.75	IRWD Wells Fargo ACH	Reconciled
1000074	20-Oct-22	DEMARIA ELECTRIC MOTOR SERVICES, INC.	18,951.90	IRWD Wells Fargo ACH	Reconciled
1000075	20-Oct-22	DRAKE TRAFFIC CONTROL SERVICES INC	3,250.00	IRWD Wells Fargo ACH	Reconciled
1000076	20-Oct-22	FLUID SOUND, INC.	526.94	IRWD Wells Fargo ACH	Reconciled
1000077	20-Oct-22	HAAKER EQUIPMENT COMPANY	293.67	IRWD Wells Fargo ACH	Reconciled
1000078	20-Oct-22	HILL BROTHERS CHEMICAL COMPANY	32,844.30	IRWD Wells Fargo ACH	Reconciled
1000079	20-Oct-22	ILAND INTERNET SOLUTION CORPORATION	7,482.00	IRWD Wells Fargo ACH	Reconciled
1000080	20-Oct-22	JIG CONSULTANTS	12,736.25	IRWD Wells Fargo ACH	Reconciled
1000081	20-Oct-22	LA HABRA FENCE COMPANY INC	764.00	IRWD Wells Fargo ACH	Reconciled
1000082	20-Oct-22	MARK KADESH	10,200.00	IRWD Wells Fargo ACH	Reconciled
1000083	20-Oct-22	MCR TECHNOLOGIES INC	589.52	IRWD Wells Fargo ACH	Reconciled
1000084	20-Oct-22	MUNICIPAL UNDERGROUND SERVICES INC	1,875.00	IRWD Wells Fargo ACH	Reconciled
1000085	20-Oct-22	NATURALWELL, LLC	3,685.00	IRWD Wells Fargo ACH	Reconciled
1000086	20-Oct-22	ORANGE COUNTY AUTO PARTS CO	936.74	IRWD Wells Fargo ACH	Reconciled
1000087	20-Oct-22	PAPER DEPOT DOCUMENT DESTRUCTION LLC	330.00	IRWD Wells Fargo ACH	Reconciled
1000088	20-Oct-22	RAM AIR ENGINEERING INC	3,045.81	IRWD Wells Fargo ACH	Reconciled
1000089	20-Oct-22	RLG ENTERPRISES, INC	591.90	IRWD Wells Fargo ACH	Reconciled
1000090	20-Oct-22	VERTECH INDUSTRIAL SYSTEMS, LLC	2,175.44	IRWD Wells Fargo ACH	Reconciled
1000091	20-Oct-22	WOODARD & CURRAN INC	27,235.00	IRWD Wells Fargo ACH	Reconciled
1000092	25-Oct-22	CAROLLO ENGINEERS, INC	11,076.75	IRWD Wells Fargo ACH	Reconciled
1000093	25-Oct-22	COASTAL OCCUPATIONAL MEDICAL GROUP, INC.	1,877.93	IRWD Wells Fargo ACH	Reconciled
1000094	25-Oct-22	DATA CLEAN CORPORATION	600.00	IRWD Wells Fargo ACH	Reconciled
1000095	25-Oct-22	EVERETT DOREY LLP	8,340.50	IRWD Wells Fargo ACH	Reconciled
1000096	25-Oct-22	HILL BROTHERS CHEMICAL COMPANY	4,440.82	IRWD Wells Fargo ACH	Reconciled
1000097	25-Oct-22	ILAND INTERNET SOLUTION CORPORATION	4,410.00	IRWD Wells Fargo ACH	Reconciled
1000098	25-Oct-22	JIG CONSULTANTS	25,859.37	IRWD Wells Fargo ACH	Reconciled
1000099	25-Oct-22	MCR TECHNOLOGIES INC	6,532.89	IRWD Wells Fargo ACH	Reconciled
1000100	25-Oct-22	MERRIMAC PETROLEUM, INC.	66,775.59	IRWD Wells Fargo ACH	Reconciled
1000101	25-Oct-22	MORGAN COMPANY	493.59	IRWD Wells Fargo ACH	Reconciled
1000102	25-Oct-22	ORANGE COUNTY AUTO PARTS CO	324.58	IRWD Wells Fargo ACH	Reconciled
1000103	25-Oct-22	RAM AIR ENGINEERING INC	7,568.52	IRWD Wells Fargo ACH	Reconciled
1000104	25-Oct-22	RINCON TRUCK CENTER INC.	4,605.08	IRWD Wells Fargo ACH	Reconciled
1000105	25-Oct-22	RLG ENTERPRISES, INC	216.56	IRWD Wells Fargo ACH	Reconciled
1000106	25-Oct-22	SUKLE ADVERTISING INC.	1,725.00	IRWD Wells Fargo ACH	Reconciled
1000107	25-Oct-22	VSS SALES INC	1,540.00	IRWD Wells Fargo ACH	Reconciled
1000108	25-Oct-22	ORANGE COUNTY SANITATION DISTRICT	70,021.97	IRWD Wells Fargo ACH	Reconciled
<b>SUB-TOTAL IRWD WELLS FARGO ACH DISBURSEMENTS</b>			<b>2,850,403.13</b>		
2000010	6-Oct-22	ABSOLUTE STANDARDS, INC.	1,438.75	IRWD Wells Fargo PC	Negotiable
2000011	6-Oct-22	BIOMAGIC INC	7,750.75	IRWD Wells Fargo PC	Negotiable
2000012	6-Oct-22	FERGUSON ENTERPRISES, LLC	8,498.90	IRWD Wells Fargo PC	Negotiable
2000013	6-Oct-22	GOLF COURSE SOLUTIONS	300.00	IRWD Wells Fargo PC	Negotiable
2000014	6-Oct-22	IRVINE PIPE & SUPPLY INC	64.78	IRWD Wells Fargo PC	Negotiable
2000015	6-Oct-22	PARKHOUSE TIRE INC	970.39	IRWD Wells Fargo PC	Negotiable
2000016	13-Oct-22	ABSOLUTE STANDARDS, INC.	355.00	IRWD Wells Fargo PC	Negotiable
2000017	13-Oct-22	ACCUSOURCE, INC.	1,076.16	IRWD Wells Fargo PC	Negotiable
2000018	13-Oct-22	ATLAS COPCO USA HOLDINGS, INC	6,402.50	IRWD Wells Fargo PC	Negotiable
2000019	13-Oct-22	FERGUSON ENTERPRISES, LLC	19,368.06	IRWD Wells Fargo PC	Negotiable
2000020	13-Oct-22	HARRINGTON INDUSTRIAL PLASTICS LLC	14,145.15	IRWD Wells Fargo PC	Negotiable
2000021	13-Oct-22	IRVINE PIPE & SUPPLY INC	661.29	IRWD Wells Fargo PC	Negotiable
2000022	13-Oct-22	LUBRICATION ENGINEERS, INC.	13,302.29	IRWD Wells Fargo PC	Negotiable
2000023	13-Oct-22	PARKHOUSE TIRE INC	182.37	IRWD Wells Fargo PC	Negotiable
2000024	13-Oct-22	SAF-T-FLO WATER SERVICES, INC.	782.27	IRWD Wells Fargo PC	Negotiable
2000025	13-Oct-22	THOMPSON & PHIPPS INC	2,272.13	IRWD Wells Fargo PC	Negotiable
2000026	13-Oct-22	TONY DEMARIA ELECTRIC, INC (DBA TDE)	9,400.00	IRWD Wells Fargo PC	Negotiable
2000027	20-Oct-22	ATLAS COPCO USA HOLDINGS, INC	9,032.50	IRWD Wells Fargo PC	Negotiable
2000028	20-Oct-22	AVISTA TECHNOLOGIES, INC	10,770.24	IRWD Wells Fargo PC	Negotiable
2000029	20-Oct-22	BEE EMERGENCY RESPONSE TEAM	525.00	IRWD Wells Fargo PC	Negotiable

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

<b>CHECK OR ELECTRONIC #</b>	<b>PAYMENT DATE</b>	<b>SUPPLIERS</b>	<b>PAYMENT AMOUNT</b>	<b>PAYMENT METHOD</b>	<b>STATUS</b>
2000030	20-Oct-22	CAPTIVE AUDIENCE MARKETING INC.	79.00	IRWD Wells Fargo PC	Negotiable
2000031	20-Oct-22	CULLIGAN OF SANTA ANA	24,200.00	IRWD Wells Fargo PC	Negotiable
2000032	20-Oct-22	FERGUSON ENTERPRISES, LLC	5,102.47	IRWD Wells Fargo PC	Negotiable
2000033	20-Oct-22	HARRINGTON INDUSTRIAL PLASTICS LLC	13,833.08	IRWD Wells Fargo PC	Negotiable
2000034	20-Oct-22	INNOVATIVE MACHINE TOOL REPAIR LLC	1,720.23	IRWD Wells Fargo PC	Negotiable
2000035	20-Oct-22	IRVINE PIPE & SUPPLY INC	5,094.80	IRWD Wells Fargo PC	Negotiable
2000036	20-Oct-22	LUBRICATION ENGINEERS, INC.	9,431.10	IRWD Wells Fargo PC	Negotiable
2000037	20-Oct-22	THOMPSON & PHIPPS INC	6,427.37	IRWD Wells Fargo PC	Negotiable
2000038	25-Oct-22	HARRINGTON INDUSTRIAL PLASTICS LLC	666.58	IRWD Wells Fargo PC	Negotiable
2000039	25-Oct-22	THOMPSON & PHIPPS INC	2,292.49	IRWD Wells Fargo PC	Negotiable
<b>SUB-TOTAL IRWD WELLS FARGO PC</b>			<b>176,145.65</b>		
100001	24-Oct-22	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY	4,025,198.46	IRWD Wells Fargo Wire	Negotiable
<b>SUB-TOTAL IRWD WELLS FARGO WIRE DISBURSEMENTS</b>			<b>4,025,198.46</b>		
15137	4-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	8,624.95	IRWD Bofa Wire	Negotiable
15138	4-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	2,686.66	IRWD Bofa Wire	Negotiable
15139	4-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	1,471.10	IRWD Bofa Wire	Negotiable
15140	6-Oct-22	YORK RISK SERVICES GROUP, INC.	5,609.17	IRWD Bofa Wire	Negotiable
15141	7-Oct-22	CALPERS	1,074.81	IRWD Bofa Wire	Negotiable
15142	11-Oct-22	CALPERS	586,693.87	IRWD Bofa Wire	Negotiable
15143	11-Oct-22	CALPERS	3,540.36	IRWD Bofa Wire	Negotiable
15144	13-Oct-22	INTERNAL REVENUE SERVICE	258,525.70	IRWD Bofa Wire	Negotiable
15145	13-Oct-22	FRANCHISE TAX BOARD	84,741.09	IRWD Bofa Wire	Negotiable
15146	13-Oct-22	EMPOWER RETIREMENT, LLC	182,723.46	IRWD Bofa Wire	Negotiable
15147	13-Oct-22	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	4,080.88	IRWD Bofa Wire	Negotiable
15148	13-Oct-22	EMPLOYMENT DEVELOPMENT DEPARTMENT	18,107.52	IRWD Bofa Wire	Negotiable
15149	17-Oct-22	CALPERS	271,639.14	IRWD Bofa Wire	Negotiable
15150	17-Oct-22	U.S. BANK NATIONAL ASSOCIATION	21,701.91	IRWD Bofa Wire	Negotiable
15151	17-Oct-22	SUMITOMO MITSUI BANKING CORPORATION	45,976.17	IRWD Bofa Wire	Negotiable
15152	17-Oct-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	3,408,525.90	IRWD Bofa Wire	Negotiable
15153	17-Oct-22	U.S. BANK NATIONAL ASSOCIATION	2,549,273.97	IRWD Bofa Wire	Negotiable
15154	17-Oct-22	BANK OF AMERICA	2,544,438.34	IRWD Bofa Wire	Negotiable
15155	17-Oct-22	U.S. BANK NATIONAL ASSOCIATION	58,132.85	IRWD Bofa Wire	Negotiable
15156	17-Oct-22	SUMITOMO MITSUI BANKING CORPORATION	34,493.29	IRWD Bofa Wire	Negotiable
15157	17-Oct-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	37,062.71	IRWD Bofa Wire	Negotiable
15158	24-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	4,408.46	IRWD Bofa Wire	Negotiable
15159	24-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	1,909.65	IRWD Bofa Wire	Negotiable
15160	24-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	1,798.59	IRWD Bofa Wire	Negotiable
15161	24-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	6,462.59	IRWD Bofa Wire	Negotiable
15162	24-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	3,702.82	IRWD Bofa Wire	Negotiable
15163	24-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	15,129.09	IRWD Bofa Wire	Negotiable
15164	24-Oct-22	YORK RISK SERVICES GROUP, INC.	4,787.15	IRWD Bofa Wire	Negotiable
15165	24-Oct-22	YORK RISK SERVICES GROUP, INC.	4,592.91	IRWD Bofa Wire	Negotiable
15166	27-Oct-22	INTERNAL REVENUE SERVICE	263,586.72	IRWD Bofa Wire	Negotiable
15167	27-Oct-22	FRANCHISE TAX BOARD	85,564.14	IRWD Bofa Wire	Negotiable
15168	27-Oct-22	EMPOWER RETIREMENT, LLC	183,676.58	IRWD Bofa Wire	Negotiable
15169	27-Oct-22	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	4,017.65	IRWD Bofa Wire	Negotiable
15170	27-Oct-22	EMPLOYMENT DEVELOPMENT DEPARTMENT	17,901.00	IRWD Bofa Wire	Negotiable
15171	27-Oct-22	CALPERS	271,480.30	IRWD Bofa Wire	Negotiable
15172	27-Oct-22	YORK RISK SERVICES GROUP, INC.	7,795.19	IRWD Bofa Wire	Negotiable
15173	31-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	5,279.63	IRWD Bofa Wire	Negotiable
15174	31-Oct-22	CHARD SNYDER & ASSOCIATES, INC.	5,413.77	IRWD Bofa Wire	Negotiable
15175	31-Oct-22	BANDAI NAMCO HOLDINGS USA INC.	5,971,769.20	IRWD Bofa Wire	Negotiable
15176	31-Oct-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	37,601.90	IRWD Bofa Wire	Negotiable
15177	31-Oct-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	37,601.90	IRWD Bofa Wire	Negotiable
15178	31-Oct-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	16,508.15	IRWD Bofa Wire	Negotiable
15179	31-Oct-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	51,664.40	IRWD Bofa Wire	Negotiable
15180	31-Oct-22	BANK OF NEW YORK MELLON TRUST COMPANY NA	31,250.00	IRWD Bofa Wire	Negotiable
15181	31-Oct-22	U.S. BANK NATIONAL ASSOCIATION	5,794,250.00	IRWD Bofa Wire	Negotiable
<b>SUB-TOTAL IRWD BOFA WIRE DISBURSEMENTS</b>			<b>22,957,275.64</b>		
<b>SUB-TOTAL BOFA AND WELLS FARGO CHECK AND ELECTRONIC DISBURSEMENTS</b>			<b>39,371,014.06</b>		
431077	6-Oct-22	JAMES FISCHER JR	14,245.00	IRWD Wells Fargo Check No Print	Voided
431523	20-Oct-22	WILLIAM LYON HOMES, INC.	57.52	IRWD Wells Fargo Check	Voided
117510	7-Oct-22	HANSON BRIDGETT LLP	71,325.78	IRWD Wells Fargo ACH	Voided
<b>SUB-TOTAL BOFA AND WELLS FARGO CHECK AND ELECTRONIC ISSUED AND VOIDED IN OCTOBER 2022</b>			<b>85,628.30</b>		
<b>TOTAL AP DISBURSEMENTS AND VOIDS FOR OCTOBER 2022</b>			<b>39,456,642.36</b>		

Exhibit "E"

**MONTHLY SUMMARY OF PAYROLL ACH PAYMENTS**

**October  
2022**

	AMOUNT	VENDOR	PURPOSE
10/7/2022	1,177,499.55	BANK OF AMERICA	ACH Payments for Payroll
10/21/2022	1,180,238.65	BANK OF AMERICA	ACH Payments for Payroll
	<u><u>\$2,357,738.20</u></u>		

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Exhibit "F"

**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-OCT-22 to 31-OCT-22

NAME	CHECK NO.	CHECK DATE	AMOUNT	ITEM DESCRIPTION	EXPENSE JUSTIFICATION
Colston, James	431645	25-Oct-22	241.53	Lodging	WEFTEC 2022 Conference & Expo, New Orleans, LA - October 8, 2022
Colston, James	431645	25-Oct-22	241.53	Lodging	WEFTEC 2022 Conference & Expo, New Orleans, LA - October 9, 2022
Colston, James	431645	25-Oct-22	241.53	Lodging	WEFTEC 2022 Conference & Expo, New Orleans, LA - October 10, 2022
Colston, James	431645	25-Oct-22	241.53	Lodging	WEFTEC 2022 Conference & Expo, New Orleans, LA - October 11, 2022
Compton, Christine	431158	6-Oct-22	152.38	Mileage	Round trip to attend CSDA Annual Conference, Palm Desert, CA - August 22-25, 2022
LaMar, Steve	431174	13-Oct-22	286.23	Lodging	ACWA Annual Washington, D.C. Conference, Washington, DC - July 11, 2022
LaMar, Steve	431174	13-Oct-22	286.23	Lodging	ACWA Annual Washington, D.C. Conference, Washington, DC - July 12, 2022
LaMar, Steve	431174	13-Oct-22	286.23	Lodging	ACWA Annual Washington, D.C. Conference, Washington, DC - July 13, 2022
LaMar, Steve	431174	13-Oct-22	1,675.00	Registration Fees	CCEEB, Summer Issues Seminar, Olympic Valley, CA - July 18-22, 2022
LaMar, Steve	431174	13-Oct-22	318.64	Lodging	CCEEB, Summer Issues Seminar, Olympic Valley, CA - July 18, 2022
LaMar, Steve	431174	13-Oct-22	318.64	Lodging	CCEEB, Summer Issues Seminar, Olympic Valley, CA - July 19, 2022
LaMar, Steve	431174	13-Oct-22	318.64	Lodging	CCEEB, Summer Issues Seminar, Olympic Valley, CA - July 20, 2022
LaMar, Steve	431174	13-Oct-22	318.64	Lodging	CCEEB, Summer Issues Seminar, Olympic Valley, CA - July 21, 2022
LaMar, Steve	431174	13-Oct-22	309.92	Lodging	9th Annual Forecast Informed Reservoir Operations Workshop, La Jolla, CA - August 8, 2022
LaMar, Steve	431174	13-Oct-22	309.92	Lodging	9th Annual Forecast Informed Reservoir Operations Workshop, La Jolla, CA - August 9, 2022
Mendoza, Oliver	431175	13-Oct-22	408.07	Auto Rental	CDIAC Municipal Debt Essentials, Monterey Bay, CA - September 26-29, 2022 from San Jose Airport
Mendoza, Oliver	431175	13-Oct-22	336.12	Lodging	CDIAC Municipal Debt Essentials, Monterey Bay, CA - September 26, 2022
Mendoza, Oliver	431175	13-Oct-22	360.79	Lodging	CDIAC Municipal Debt Essentials, Monterey Bay, CA - September 27, 2022
Mendoza, Oliver	431175	13-Oct-22	363.04	Lodging	CDIAC Municipal Debt Essentials, Monterey Bay, CA - September 28, 2022
Oldewage, Lars	431162	6-Oct-22	345.96	Airfare	LABWORKS 2022 User Workshop, Park City, UT - September 18-21, 2022
Oldewage, Lars	431162	6-Oct-22	246.01	Auto Rental	LABWORKS 2022 User Workshop, Park City, UT - September 18-21, 2022
Rendon, Esteban	431647	25-Oct-22	200.00	Other(Misc)	Safety Shoe Allowance
Sanchez, Hector	431648	25-Oct-22	200.00	Other(Misc)	Safety Shoe Allowance
Sciabica, Joseph	431163	6-Oct-22	131.96	Lunch <30	Celebrated Greg Cronin promotion with 5 staff members
Swan, Peer	431177	13-Oct-22	411.95	Airfare	CASA 2022 Annual Summer Conference, Olympic Valley, CA - August 10-12, 2022
Swan, Peer	431177	13-Oct-22	301.81	Lodging	CASA 2022 Annual Summer Conference, Olympic Valley, CA - August 11, 2022
Swan, Peer	431177	13-Oct-22	351.02	Auto Rental	CASA 2022 Annual Summer Conference, Olympic Valley, CA - August 10-12, 2022
Swan, Peer	431177	13-Oct-22	104.38	Mileage	Round trip to attend Urban Water Institute Annual Conference, San Diego, CA - August 24-26, 2022
Swan, Peer	431177	13-Oct-22	249.06	Lodging	Urban Water Institute Annual Conference, San Diego, CA - August 24, 2022
Swan, Peer	431177	13-Oct-22	249.06	Lodging	Urban Water Institute Annual Conference, San Diego, CA - August 25, 2022
Swift, Ian	431522	20-Oct-22	200.00	Other(Misc)	Safety Shoe Allowance
Tettemer, Mark	431178	13-Oct-22	732.39	Lodging	WaterReuse 2022 California Annual Conference, San Francisco, CA - September 11, 2022
Tettemer, Mark	431178	13-Oct-22	732.39	Lodging	WaterReuse 2022 California Annual Conference, San Francisco, CA - September 12, 2022
Withers, John B	431180	13-Oct-22	249.06	Lodging	Urban Water Institute's 2022 Summer Water Conference, San Diego, CA - August 24, 2022
Withers, John B	431180	13-Oct-22	249.06	Lodging	Urban Water Institute's 2022 Summer Water Conference, San Diego, CA - August 25, 2022
Withers, John B	431180	13-Oct-22	100.00	Mileage	Round trip to attend Urban Water Institute's 2022 Water Conference, San Diego, CA
<b>Total Amount:</b>			<b>\$12,068.72</b>		

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November 28, 2022  
Prepared by: J. Davis  
Submitted by: R. Jacobson / C. Clary  
Approved by: Paul A. Cook 

## CONSENT CALENDAR

### PROPOSED 2023 INVESTMENT POLICY

#### SUMMARY:

Each year, IRWD is required to adopt an Investment Policy. Changes to the policy from year-to-year are required to conform to any amendments to the California Government Code governing investment of public funds. During 2022, there were no significant changes to the Government Code and the proposed policy for 2023 has no significant changes from the policy adopted for 2022. Staff recommends the Board approve the proposed policy attached as Exhibit “A”.

#### BACKGROUND:

Staff annually submits an Investment Policy to the Board of Directors for approval. The annual submittal generally incorporates amendments to investment-related Government Code sections, policy objectives, delegation of authority, and a detailed schedule of authorized investments. The proposed 2023 Investment Policy and related Resolution are attached as Exhibits “A” and “B”, respectively. During 2022, there were no significant amendments to the Government Code section relating to authorized investments for local agencies, and therefore the 2023 proposed policy is generally the same as the 2022 Investment Policy.

As specified in the Government Code, the Board’s delegation of authority to the Treasurer and Assistant Treasurer(s) to manage the District’s investment program is limited to a one-year period, renewable annually. The recommended 2023 Investment Policy includes continuation of this annual delegation of authority to the Treasurer and Assistant Treasurer(s).

Given the conservative nature of the State codes and the Board’s additional restrictions, staff believes the authorized investments in the recommended 2023 Investment Policy are sufficiently limited to ensure appropriate investment security while retaining some degree of flexibility to take advantage of changing market opportunities. Additionally, the recommended policy provides authority for the Finance and Personnel Committee to further restrict, but not liberalize, authorized investments. Any liberalization of authorized investments would first require the approval of the Board of Directors.

#### FISCAL IMPACTS:

None.

#### ENVIRONMENTAL COMPLIANCE:

This activity is categorically exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Sections 15301 and 15302.

COMMITTEE STATUS:

This item was reviewed by the Finance and Personnel Committee on November 21, 2022.

RECOMMENDATION:

THAT THE BOARD APPROVE THE PROPOSED 2023 INVESTMENT POLICY AND ADOPT THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION NO. 2022-

RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
IRVINE RANCH WATER DISTRICT APPROVING AN INVESTMENT  
POLICY AND AUTHORIZING THE TREASURER AND ASSISTANT  
TREASURERS TO INVEST AND REINVEST FUNDS OF THE  
DISTRICT AND OF EACH OF ITS IMPROVEMENT DISTRICTS  
AND TO SELL AND EXCHANGE SECURITIES

LIST OF EXHIBITS:

Exhibit "A" – Proposed 2023 Investment Policy

Exhibit "B" – Resolution Adopting 2023 Investment Policy

## IRVINE RANCH WATER DISTRICT

### Draft 2023 INVESTMENT POLICY

#### **Introduction:**

This investment policy is intended to establish a clear understanding of the District's authorized investment activities for members of the public, the Board of Directors of the Irvine Ranch Water District (the "District"), District management, and outside investment professionals.

#### **Policy:**

It is the policy of the District to invest its funds in a prudent and professional manner which will provide maximum security of principal while meeting required cash flow demands and conforming to all State statutes governing the investment of public funds, the District's investment policies, and prudent cash management principles.

#### **Scope:**

This investment policy applies to all District funds that are under the direct oversight of the Board of Directors. The investment of any bond proceeds or related funds will also be made in accordance with this investment policy.

#### **Standard of Care:**

The Board of Directors and those persons authorized to make investment decisions on behalf of the District are trustees of public funds. The standard of care to be used in all investment transactions shall be the "prudent investor" standard set forth in California Government Code Section 53600.3, which states:

"When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency."

Officers and employees of the District involved in the investment process shall refrain from personal business activities that could conflict with proper execution of the investment program or could impair their ability to make impartial investment decisions. "Designated employees" of the District involved in the investment of District funds, which includes the Treasurer and Assistant

Treasurer(s), shall disclose all information at the times and in the manner required by the District's Conflict of Interest Code.

**Objectives:**

The primary objectives of the District's investment activities, in priority order, are as follows:

1. **Safety:** Safety of principal is the foremost objective of the investment program. Investments of the District shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. Accordingly, diversification by issuer, type, and maturity of securities will be made to avoid or minimize potential losses on individual securities.
2. **Liquidity:** The District's investment portfolio will remain sufficiently liquid to enable the District to meet all operating and capital cash requirements. To the extent required, this liquidity will be maintained through the purchase of securities with active secondary or resale markets and with short-term maturities to minimize market risk on the market price of the securities.
3. **Yield:** The District's investment portfolio shall be designed with the objective of attaining the highest rate of return commensurate with the above requirements for the preservation of capital and the maintenance of adequate liquidity.

**Delegation of Authority:**

In accordance with Government Code Sections 53607 and 53608, the Board of Directors hereby delegates to the District's Treasurer and Assistant Treasurer(s) the authority to manage the District's investment program and to provide for the safekeeping of securities. This delegated authority is effective for the 2023 calendar year (Resolution 2022- ).

**Authorized Investments:**

The District is authorized to invest its funds pursuant to the following laws:

California Government Code:

- Section 53600 *et seq.* - General investments
- Section 16429.1 - Local Agency Investment Fund (LAIF)
- Section 53684 - Orange County Treasury Pool (not currently authorized by the Board of Directors)
- Section 5920 *et seq.* - Public finance contracts

California Water Code:

- Section 35912 - Real estate

The language of the Investment Policy will conform to the statutory requirements as the statutes change over time.

The Treasurer and Assistant Treasurer(s) are authorized to invest District funds in accordance with these laws, subject to certain restrictions imposed by the District's Board of Directors. These authorized investments and restrictions are shown in Exhibit "A".

Whenever practical, a competitive process shall be used for the purchase and sale of securities.

The Treasurer and Assistant Treasurer(s) are authorized to invest in securities with terms or remaining maturities in excess of five years as part of the District's investment program, but no such investments are to be made without the concurrence of the Finance and Personnel Committee.

**Authorized Financial Institutions:**

Only financial institutions designated as "primary dealers" by the Federal Reserve Bank of New York, or other dealers that qualify under Securities and Exchange Commission Rule 15C3-1 (uniform net capital rule), are authorized to provide investment services to the District. The Treasurer and Assistant Treasurer(s) may limit the number of dealers authorized to provide such services.

A copy of the District's annual investment policy shall be provided to each institution authorized by the Treasurer or Assistant Treasurer(s) to provide services to the District. Prior to providing investment services, such financial institution shall acknowledge in writing that it has received the District's investment policy and that all persons handling the District's account have reviewed the policy.

All authorized financial institutions are required to provide electronic access to the financial statements.

**Safekeeping and Custody:**

All security transactions entered into by the District shall be conducted on a delivery-versus-payment (DVP) basis. All securities owned by the District shall be delivered to the District by book entry, physical delivery, or a third-party custodial agreement. Any third-party custodian shall be designated by the Treasurer, and all securities held by such custodian, including book entry and physical securities, shall be held in a manner that clearly establishes the District's right of ownership. The District's custodial agent shall meet the requirements of Government Code Section 53608. The District's deposits with LAIF or any other authorized investment pool shall be evidenced by the standard reporting requirements of LAIF or the investment pool.

**Reporting:**

The Treasurer shall file a monthly report with the Board of Directors at a public meeting that shows the status of the District’s cash and securities, and all related investment transactions that occurred during the month. The status report shall also be filed with the District’s General Manager and will include at least the following information:

- Type of investment
- Original cost
- Issuing institution
- Market value, including source
- Par amount
- Maturity date
- Coupon and/or yield

In addition, the status report shall include the portfolio’s rate of return for the month, the average weighted life of the portfolio, a statement regarding the portfolio’s compliance with the District’s investment policy, and a statement regarding the District’s ability to meet expenditure requirements over the following six months. (California Government Code Sections 53607 and 53646.)

The Treasurer or Assistant Treasurer(s) shall also file a quarterly report with the Board of Directors at a public meeting with respect to the District’s real estate investments and any related transactions which occurred during such quarter. The real estate report will be structured to comply as closely as possible with the information requirements of California Government Code Section 53646.

**Investment Policy Adoption and Amendments:**

The Treasurer or Assistant Treasurer(s) shall submit an investment policy at least annually to the Board of Directors at a public meeting. (California Government Code Section 53646.) The policy shall be effective for the calendar year specified. If the Board of Directors does not approve an investment policy for any calendar year, then the investment policy for the previous calendar year shall remain in effect until a new policy is approved.

The District’s Finance and Personnel Committee is authorized to make changes in the investment policy from time to time as may be necessary, provided that such changes may only be more restrictive in nature. Any changes that would liberalize the investment policy shall be approved by the Board of Directors before becoming effective. Any changes in the investment policy by the Finance and Personnel Committee shall be reported to the Board of Directors at its next regular meeting

**Exhibit A**  
**Authorized Investments and Restrictions**

<b>INVESTMENT TYPE</b>	<b>DESCRIPTION</b>	<b>RESTRICTIONS</b>
California State and Local Agency Bonds, Notes and Warrants	Registered state warrants, treasury notes or bonds. Any bonds, notes, warrants or other evidences of indebtedness of any local agency in California.	Limited to securities approved by the Finance and Personnel Committee.
U.S. Treasury and Agency Obligations	U.S. Treasury notes, bonds, bills or certificates of indebtedness, or those for which the full faith and credit of the United States are pledged for the payment of principal and interest. Also federal agency or U.S. government sponsored enterprise (GSE) obligations, participations, or other instruments.	No additional restrictions.
Registered treasury notes or bonds of California or other 49 United States	Registered treasury notes or bonds of any of the other 49 United States in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of the other 49 United States, in addition to California.	Limited to states and/or agencies approved by the Finance and Personnel Committee.
Banker's Acceptances	Must be eligible for discount at the Federal Reserve Bank. May not exceed 180 days maturity or 40% of local agency funds. No more than 30% of local agency funds may be invested in banker's acceptances of any one commercial bank.	Limited to domestic and foreign banks approved by the Finance and Personnel Committee.
U.S. Dollar Denominated Senior Unsecured Unsubordinated Obligations	Permits United States dollar-denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or Inter-American Development Bank, with a maximum remaining maturity of five years or less, and eligible for purchase and sale within the United States. Must be rated "AA" or its equivalent or better by a nationally recognized statistical rating organization ("NRSRO"). Limited to 30% of local agency funds.	Limited to securities approved by the Finance and Personnel Committee.

Commercial Paper	Must be of “prime” quality of the highest ranking or of the highest letter and number rating as provided for by an NRSRO. Issuers must be organized and operating in the United States as a general corporation, have assets exceeding \$500 million, and has debt other than commercial paper, if any, that is rated “A” or its equivalent or better by an NRSRO. May not exceed 270 days maturity. Local agencies, that have less than \$100 million of investment assets under management may invest no more than 25% of their moneys in eligible commercial paper. Local agencies that have \$100 million or more of investment assets under management may invest up to 40% percent of their moneys in eligible commercial paper. A local agency may invest no more than 10% of its total investment assets in the commercial paper and the medium-term notes of any single issuer.	Limited to corporations approved by the Finance and Personnel Committee.
Negotiable Certificates of Deposit	Issued by national or state-chartered banks, savings associations, federal associations, state or federal credit unions, or by a federally licensed or state-licensed branch of a foreign bank. Specified restrictions on credit unions for conflicts of interest. Limited to 30% of local agency funds.	Limited to domestic and foreign banks and thrift institutions approved by the Finance and Personnel Committee.
Repurchase and Reverse Repurchase Agreements	Repurchase agreements are limited to a term of one year or less, and securities underlying the agreement shall be valued at 102% or greater of the funds borrowed against the securities, with the value adjusted at least quarterly. Reverse repurchase agreements, including securities lending agreements, are limited to 20% of the base portfolio value and to terms of 92 days or less unless a minimum earning or spread for the entire term is guaranteed in writing. Securities being sold on reverse must be owned by the agency for at least 30 days prior to sale. Reverse repurchase agreements shall be made with primary dealers of the Federal Reserve Bank of New York, or nationally and state	All reverse repurchase agreements must have the prior approval of the Finance and Personnel Committee.



	chartered banks with a significant banking relationship with the local agency.	
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Medium Term Notes	All debt securities issued by U.S. organized and operating corporations or depository institutions licensed by the U.S. or any state and operating within the U.S. Notes must be rated "A" or its equivalent or better by an NRSRO. May not exceed five years maturity, 30% of local agency funds, and no more than 10% of its total investment assets in the commercial paper and the medium-term notes of any single issuer.	For depository institutions, same as shown under Negotiable Certificates of Deposit. For corporations, limited to those approved by the Finance and Personnel Committee.
Shares of Beneficial Interest	Issued by diversified management companies investing in securities and obligations as authorized by Cal. Gov. Code §53601(l). Companies shall have the highest ranking or highest letter and numerical rating assigned by not less than two NRSROs, or shall have a registered and experienced investment advisor. Purchase price shall not include any commissions. Limited to 20% of funds of which no more than 10% may be with any one fund.	No additional restrictions.
Collateralized Negotiable Securities	Notes, bonds or obligations secured by a valid first priority security interest in securities specified in Cal. Gov. Code §53651. (Cal. Gov. Code §53601(n).) Collateral to be placed by delivery or book-entry into the custody of a trust company or trust department of a bank not affiliated with the issuer. Security interest perfected in accordance with Uniform Commercial Code or applicable federal regulations. Collateral requirements are the same as required to secure bank deposits made by local agencies as specified in Cal. Gov. Code §53652.	No investment in collateralized negotiable securities shall be made without the prior approval of the Finance and Personnel Committee.
Collateralized Mortgage Obligations and Asset-Backed Securities	Mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable pass-through certificate, or consumer	No investment in collateralized mortgage obligations or asset-backed securities shall be made without the prior approval of

	receivable-backed bond. Securities must have an “AA” rating or its equivalent as rated by an NRSRO, must have a maximum remaining maturity of five years or less, and may not exceed 20% of surplus funds.	the Finance and Personnel Committee.
Financial Futures and Options	Authorizes the investment in financial futures and financial option contracts in any of the investment categories contained in Cal. Gov. Code §53601.1	No investments in financial futures and financial option contracts are to be made without the prior approval of the Finance and Personnel Committee.
Prohibited Investments	A local agency shall not invest any funds in inverse floaters, range notes, mortgage derived interest-only strips, or any security that could result in zero interest accrual if held to maturity. However, a local agency may hold prohibited instruments until their maturity dates. Notwithstanding the prohibition above, a local agency may invest in securities issued by, or backed by, the United States government that could result in zero- or negative-interest accrual if held to maturity, in the event of, and for the duration of, a period of negative market interest rates. A local agency may hold these instruments until their maturity dates. This section shall remain in effect only until January 1, 2026, and as of that date is repealed. (Cal. Gov. Code §53601.6.)	No additional restrictions.
Local Agency Investment Fund	Permits a local agency to deposit funds with the State Treasurer for the purpose of investment in securities prescribed in Cal. Gov. Code §§16429.1 <i>et seq.</i>	No additional restrictions.
Orange County Treasury Pool	Permits a local agency to deposit funds with the County Treasurer for investment in securities prescribed in Cal. Gov. Code §53635 or 53684.	No investments are to be made with the Orange County Treasury Pool without the prior approval of the Board.
Inactive Public Deposits	Deposits or contracts with Federal Reserve System banks insured by FDIC, savings associations or federal associations which are home loan bank members or insured by FSLIC, and state or federal credit unions. Specified restrictions on credit unions.	No inactive public deposits are to be made without the prior approval of the Finance and Personnel Committee.
Public Finance Contracts	Includes interest rate swap agreements, currency swap agreements, forward	The Board is authorized to approve the general parameters

	<p>payment conversion agreements, futures, or index-based agreements to hedge payment, currency, rate, spread or similar exposure. Requires certain determinations by governing body. (Cal. Gov. Code §§5920 <i>et seq.</i>)</p>	<p>for swap transaction types, maximum notional amount(s) and maximum duration(s). The Finance and Personnel Committee shall structure specific parameters for individual transactions including notional amount, transaction timing, counterparty selection, index to be used and ISDA agreement approval. (Resolution 2003-36)</p>
<p>Real Estate Investments</p>	<p>Authorized to invest no more than 30% of the District's Replacement Fund in real estate located in Orange County. (Cal. Wat. Code §35912.)</p>	<p>Real estate investments shall be made in accordance with existing Board policies (Resolution 1990-30). All real estate investments must be individually approved by the Board.</p>

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RESOLUTION NO. 2022-

RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
IRVINE RANCH WATER DISTRICT APPROVING AN INVESTMENT  
POLICY AND AUTHORIZING THE TREASURER AND ASSISTANT  
TREASURERS TO INVEST AND REINVEST FUNDS OF THE  
DISTRICT AND OF EACH OF ITS IMPROVEMENT DISTRICTS  
AND TO SELL AND EXCHANGE SECURITIES

The Treasurer of the Irvine Ranch Water District (“District”) is permitted by Section 53646 of the California Government Code to annually render to the Board of Directors (the “Board”) a statement of investment policy, which the Board shall consider at a public meeting.

The Treasurer has presented an investment policy to the Board at a public meeting, in the form attached as Exhibit A (“2023 Investment Policy”).

Section 53607 of the California Government Code permits the Board to annually delegate to the Treasurer of the District the Board’s authority to invest or reinvest funds of the District or sell or exchange securities so purchased, allows renewal of the delegation of authority to the Treasurer by the Board on an annual basis, and establishes a requirement for monthly reporting of the transactions by the Treasurer to the Board.

Section 53608 of the California Government Code permits the Board to delegate to the Treasurer of the District the Board’s authority to deposit for safekeeping with a federal or state association (as defined by Section 5102 of the California Financial Code), a trust company or a state or national bank in California or in any city designated as a reserve city by the Board of Governors of the Federal Reserve System, or with any Federal Reserve bank, the bonds, notes, bills, debentures, obligations, certificates of indebtedness, warrants or other evidences of indebtedness in which money of the District is invested.

Under Section 53635.2 of the California Government Code, funds of the District may be deposited with certain financial institutions.

Pursuant to Section V, Paragraph 8 of the District’s Bylaws, the Board has appointed one or more Assistant Treasurers.

Resolution No. 2021-25 contains the Board’s previous delegation of authority to the Treasurer and Assistant Treasurer(s) to invest or reinvest funds, sell or exchange securities, deposit investments for safekeeping, and deposit funds, and the Board intends by this resolution to renew that delegation of authority.

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

Section 1. The 2023 Investment Policy of the District is approved in the form attached as Exhibit A, effective January 1, 2023, and will remain in effect until it is revoked or is superseded.

Section 2. The authority of the Board to invest or reinvest funds of the District and its improvement districts or to sell or exchange securities so purchased, subject to the requirements of the 2023 Investment Policy, is hereby delegated to each of the Treasurer and the Assistant Treasurer(s). Pursuant to California Government Code Section 53607, the Treasurer shall assume full responsibility for those transactions until this delegation is revoked or expires. This delegation is effective as of January 1, 2023, and will remain in effect until it is revoked or is superseded by a subsequent delegation.

Section 3. The authority of the Board to deposit for safekeeping with a federal or state association (as defined by Section 5102 of the California Financial Code), a trust company or a state or national bank in California or in any city designated as a reserve city by the Board of Governors of the Federal Reserve System, or with any Federal Reserve bank, the bonds, notes, bills, debentures, obligations, certificates of indebtedness, warrants or other evidences of instruments in which money of the District and its improvement districts is invested, subject to the requirements of the 2023 Investment Policy, is hereby delegated to each of the Treasurer and the Assistant Treasurer(s). This delegation is effective as of January 1, 2023, and will remain in effect until it is revoked or is superseded by a subsequent delegation.

Section 4. This resolution supersedes Resolution No. 2021-25.

ADOPTED, SIGNED AND APPROVED this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
President  
IRVINE RANCH WATER DISTRICT  
and of the Board of Directors thereof

\_\_\_\_\_  
Secretary  
IRVINE RANCH WATER DISTRICT  
and of the Board of Directors thereof

APPROVED AS TO FORM:  
HANSON BRIDGETT LLP

By: \_\_\_\_\_  
Legal Counsel

CONSENT CALENDAR

CHANGES TO GENERAL MANAGER'S COMPENSATION

SUMMARY:

The annual performance review of the General Manager was conducted on November 14, 2022. This item presents the proposed changes to the annual compensation of the General Manager.

BACKGROUND:

The General Manager's annual performance evaluation was conducted in Closed Session during the November 14, 2022, IRWD Board meeting. After the discussion, President LaMar, as the designated representative for the Board of Directors, discussed potential changes in compensation with the General Manager. Based on this discussion, the recommendations are to:

- 1) Increase the base salary of the General Manager from \$334,156 to \$364,751 per year (a 9.2% increase), effective October 1, 2022;
- 2) Increase the General Manager's automobile allowance from \$800 to \$875 per month; and
- 3) Provide a one-time performance award for the General Manager in the amount of \$32,100 as a taxable lump sum cash payment.

All other aspects of the General Manager's compensation remain unchanged. The General Manager's annual salary is within the current salary range, which is available for public review.

FISCAL IMPACTS:

Funds for compensation of the General Manager are included in IRWD's annual Operating Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:


THAT THE BOARD APPROVE AN INCREASE TO THE ANNUAL SALARY OF THE GENERAL MANAGER TO THE AMOUNT OF \$364,751, AN INCREASE TO THE GENERAL MANAGER'S AUTOMOBILE ALLOWANCE TO \$875 PER MONTH, AND A ONE-TIME PERFORMANCE AWARD IN THE AMOUNT OF \$32,100, ALL EFFECTIVE OCTOBER 1, 2022.

LIST OF EXHIBITS:

None.

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November 28, 2022  
Prepared and  
Submitted by: K. Swan  
Approved by: Paul A. Cook 

CONSENT CALENDAR

ANNUAL BOARD OF DIRECTORS' FEES

SUMMARY:

The Finance and Personnel Committee annually reviews the Board of Directors' compensation and recommends to the Board to either accept or deny a fee increase for the new calendar year. Pursuant to the District's Ordinance No. 1989-1 and enacted under Section 20202 et seq. of the California Water Code, the Board's meeting compensation increases on January 1 of each year, not exceed an amount equal to five (5%) percent, and no compensation for more than 10 days in a calendar month.

BACKGROUND:

The most recent Board of Directors' compensation increase was effective in January 2022. The current compensation for the Board of Directors is \$315 per meeting, not to exceed 10 meetings per calendar month. In accordance with Section 20202 et seq. of the California Water Code, the Board's meeting compensation increases on January 1 of each year by five (5%) percent, subject to acceptance or rejection by the Board. If the Board approves a 5% increase, the resulting per meeting fee will be \$331 (rounded to the nearest dollar).

Provided as Exhibit "A" is a survey of the Director Fees of other water districts for comparative purposes containing service connections and combined operating and capital budgets.

FISCAL IMPACTS:

A 5% increase has a nominal impact on the operating budget if accepted by the Board.

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 November 21, 2022.

RECOMMENDATION:

THAT THE BOARD DEFER THE FIVE (5%) PERCENT COMPENSATION INCREASE FOR CALENDAR YEAR 2023.

LIST OF EXHIBITS:

Exhibit "A" – Survey of Director Fees

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EXHIBIT “A”

BOARD OF DIRECTORS PER DIEM SURVEY

(as of November 21, 2022)

Agency	Service Connections	Combined Operating & Capital Budgets	Per Diem Rate (10 meetings per month, unless noted otherwise)
Contra Costa Water Agency	62,870	\$226.3 million	\$100
East Bay Municipal District	402,113	\$1.2 billion	Monthly salary of \$1,367
Eastern Municipal Water District	162,923	\$495.2 million	\$223
Elsinore Valley Municipal Water District	83,150	\$194.3 million	\$221.43 (4 Directors) \$232.50 (1 Director)
Inland Empire Utilities Agency	--	\$410.9 million	\$260
Irvine Ranch Water District	~125,000	\$295.2 million	\$315
Moulton Niguel Water District	~55,000	\$137.2 million	\$267
Municipal Water District of Orange County	--	\$184.9 million	\$327.43
Orange County Water District	~200	\$311.8 million	\$315
Rancho California Water District	54,114	\$131 million	\$200
<i>San Diego County Water Authority</i>	--	<i>\$1.7 billion Two-year Budget*</i>	<i>\$150 Board* \$180 Officers*</i>
Santa Clara Valley Water District	--	\$917 million	\$348.45 <i>15 days per month</i>
Santa Margarita Water District	68,821	\$84.4 million IDS 1-8 \$18.8 million SJC	\$270
South Coast Water District	32,981	\$83 million	\$255.00
<i>West Basin Municipal Water District</i>	<i>515*</i>	<i>\$283.4 million*</i>	<i>\$270.70* Monthly: \$463.50 auto + \$387.03 communications</i>
Western Municipal Water District	24,519	\$195.2 million	\$240.67


\* Denotes 2021 survey numbers; waiting for response for 2022.

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November 28, 2022

Prepared by: A. Kuan / B. Rios / E. Akiyoshi

Submitted by: K. Burton

Approved by: Paul A. Cook 

## CONSENT CALENDAR

### PLANNING AREA 1 ORCHARD HILLS NEIGHBORHOOD 4 RECYCLED WATER IMPROVEMENTS

#### SUMMARY:

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

- Authorize the General Manager to accept ICDC's construction contract with FYDAQ Company, Inc. in the amount of \$888,981 for the PA1 Orchard Hills NH4 Recycled Water Improvements project, and
- Authorize a budget increase for Project 01722 in the amount of \$713,500, from \$566,500 to \$1,280,000, for the PA1 Orchard Hills NH4 Recycled Water Improvements.

#### BACKGROUND:

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

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

The PA1 Orchard Hills NH4 Recycled Water Improvements project consists of approximately 9,000 feet of 8-inch recycled water pipeline, all within future streets for the development. ICDC retained Hunsaker & Associates, Inc. to prepare the plans and received bids from four contractors. The bids ranged from \$888,981 to \$1,351,350. ICDC recommends awarding the construction contract to the low bidder FYDAQ Company, Inc. for a bid amount of \$888,981 as shown in Exhibit "B". In addition, ICDC has received consultant proposals for surveying, geotechnical observation and testing, and construction support services. Proposals for field archeological and paleontological monitoring were not necessary because those costs were included as a part of the previously approved improvements. Staff has reviewed the consultant

proposals and the construction bids and found the amounts to be acceptable. A summary of the PA1 Orchard Hills NH4 Recycled Water Improvement costs is shown below.

Construction (FYDAQ)	\$888,981.00
Construction Support (Hunsaker & Associates)	\$17,200.00
Geotechnical Services (NMG)	\$18,822.00
Survey Services (Hunsaker & Associates)	\$29,160.00
ICDC Administration Fee (1%)	<u>\$8,889.81</u>
	\$963,052.81

FISCAL IMPACTS:

Project 01722 is included in the FY 2022-23 Capital Budget and requires a budget increase as follows:

Project No.	Current Budget	Addition <Reduction>	Total Budget
01722	\$566,500	\$713,500	\$1,280,000

ENVIRONMENTAL COMPLIANCE:

Construction of capital recycled water facilities for Orchard Hills, Neighborhood 4 is subject to CEQA. In conformance with the California Code of Regulations Title 14, Chapter 3, Article 7 an Environmental Impact Report was certified by the City of Irvine, the lead agency on June 14, 2005 (SCH# 2004041080).

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on November 15, 2022.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO ACCEPT IRVINE COMMUNITY DEVELOPMENT COMPANY, LLC’S CONSTRUCTION CONTRACT WITH FYDAQ COMPANY, INC. IN THE AMOUNT OF \$888,981 AND AUTHORIZE A BUDGET INCREASE FOR PROJECT 01722 IN THE AMOUNT OF \$713,500, FROM \$566,500 TO \$1,280,000, FOR THE PLANNING AREA 1 ORCHARD HILLS NEIGHBORHOOD 4 RECYCLED WATER IMPROVEMENTS.

LIST OF EXHIBITS:

Exhibit “A” – Location Map

Exhibit “B” – Bid Summary, PA1 Orchard Hills NH4 Recycled Water Improvements

# EXHIBIT "A" Orchard Hills

## LEGEND

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

THE WEST VILLAGE  
NEIGHBORHOOD 1

NEIGHBORHOOD 1  
PHASE 3

THE NORTH VILLAGE  
NEIGHBORHOOD 3

RATTLESNAKE  
RESERVOIR

**THE EAST VILLAGE  
NEIGHBORHOOD 4**

THE CENTRAL VILLAGE  
NEIGHBORHOOD 2

EXIST  
ZONE 2  
RESERVOIR

RATTLESNAKE  
COMPLEX

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

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# EXHIBIT "B"

**BID SUMMARY**  
**ORCHARD HILLS, NEIGHBORHOOD 4**  
**BACKBONE DOMESTIC WATER & PRV'S AND RECYCLED WATER**  
**ALL PREVAILING WAGE**  
**CONTRACT "B1A"**  
**TASK/PC ID NO. LD-0001.ST.40.cn02**  
**BID PACKAGE NO. B00513A**

c:  Mike Morse  
 Terri Moss  
 File with Bid Key Map  
 Erica Marioneaux - Cost Matrix

PRE-BID MEETING DATE: August 24, 2022  
 BID OPENING DATE: September 19, 2022  
 WITNESSED BY: M. Morse  
E. Marioneaux

DECLINED PRIOR TO PRE-BID: N/A
NO SHOW AT PREBID: N/A
DID NOT SUBMIT: Shoffeitt Pipeline

ENGINEER'S ESTIMATE <b>Hunsaker &amp; Associates, Inc.</b>	LOW BIDDER <b>Fydaq</b>	2ND BIDDER <b>L&amp;S Construction Inc.</b>	3RD BIDDER <b>Paulus Engineering</b>	4TH BIDDER <b>Clearwater Pipeline, Inc.</b>
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**CHECK LIST**

Required items to be included in bid package:

- Signed Addendum 1
- Corporate Seal (if applicable)
- Correct Signatures (Page V-3)
- Bid Totals Correctly
- List of SubContractors
- Equipment/Material Source Information
- Contractors Rates/Reviewed
- 10% Bid Bond
- Construction Schedule
- Non-Collusion Certificate
- Contractor Prequalified
- Fuel Letter

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ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
<b>II. IRWD CAPITAL RECYCLED WATER DELETABLE IMPROVEMENTS</b>													
<b>(Developer may or may not award the Deletable Section with the Assessment District Improvements)</b>													
<b>C. GENERAL</b>													
41.	MOBILIZATION (NOT TO EXCEED 2% OF CONTRACT PRICE SECTIONS C-D)	1	LS	\$20,000.00	\$20,000.00	\$2,500.00	\$2,500.00	\$9,200.00	\$9,200.00	\$5,800.00	\$5,800.00	\$25,000.00	\$25,000.00
42.	PAYMENT AND PERFORMANCE BONDS (SECTIONS C-D)	1	LS	\$10,000.00	\$10,000.00	\$7,444.00	\$7,444.00	\$6,100.00	\$6,100.00	\$12,750.00	\$12,750.00	\$65,540.00	\$65,540.00
43.	DEVELOP CONSTRUCTION WATER (SECTIONS C-D)	1	LS	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00	\$1,160.00	\$1,160.00	\$25,000.00	\$25,000.00
44.	TRAFFIC CONTROL (SECTIONS C-D)	1	LS	\$5,000.00	\$5,000.00	\$9,368.00	\$9,368.00	\$850.00	\$850.00	\$580.00	\$580.00	\$15,000.00	\$15,000.00
45.	INTERIM EROSION AND SEDIMENT CONTROL (SECTIONS C-D)	1	LS	\$12,000.00	\$12,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$2,552.00	\$2,552.00	\$25,000.00	\$25,000.00
46.	REMOVE AND DISPOSE BEES, BEE HIVES, SNAKES, AND OTHER NOXIOUS INSECTS AND ANIMALS	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1.00	\$1.00	\$5,801.00	\$5,801.00	\$7,500.00	\$7,500.00
47.	ALL ELSE REQUIRED AS SHOWN ON THE PLANS AND SPECIFICATIONS, BUT NOT LISTED ON THE SCHEDULE OF VALUES (SECTIONS C-D)	1	LS	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$1.00	\$1.00	\$1.00	\$1.00	\$5,000.00	\$5,000.00
<b>D. RECYCLED WATER IMPROVEMENTS</b>													
<b>NOTE: All tees, bends, crosses, adapters, flanges, reducers, thrust blocks, tracer wire, and other fittings are to be included in the pipe unit price</b>													
48.	INSTALL 8" PURPLE PVC C-900, DR-14, RECYCLED WATER LINE PER IRWD STD W-17	8,972	LF	\$100.00	\$897,200.00	\$67.25	\$603,367.00	\$84.00	\$753,648.00	\$110.00	\$986,920.00	\$105.00	\$942,060.00
49.	INSTALL 8" GATE VALVE, FLG'D, W/ VALVE BOX PER IRWD STD W-22	9	EA	\$1,450.00	\$13,050.00	\$2,585.00	\$23,265.00	\$3,350.00	\$30,150.00	\$4,406.00	\$39,654.00	\$2,750.00	\$24,750.00
50.	INSTALL 8" BUTTERFLY VALVE, CLASS 250, FLG'D, W/ VALVE BOX PER IRWD STD W-22	4	EA	\$2,300.00	\$9,200.00	\$3,350.00	\$13,400.00	\$4,200.00	\$16,800.00	\$10,900.00	\$43,600.00	\$5,500.00	\$22,000.00
51.	INSTALL 8" BUTTERFLY VALVE, CLASS 150, FLG'D, W/ VALVE BOX PER IRWD STD W-22	5	EA	\$1,800.00	\$9,000.00	\$3,350.00	\$16,750.00	\$3,450.00	\$17,250.00	\$5,228.00	\$26,140.00	\$4,500.00	\$22,500.00
52.	INSTALL 8" DI, CLASS 53, WATER LINE PER IRWD STD W-17	47	LF	\$200.00	\$9,400.00	\$233.00	\$10,951.00	\$180.00	\$8,460.00	\$188.00	\$8,836.00	\$500.00	\$23,500.00
53.	INSTALL 2" AIR RELEASE AND VACUUM RELIEF PER IRWD STD W-11	5	EA	\$5,500.00	\$27,500.00	\$7,180.00	\$35,900.00	\$4,950.00	\$24,750.00	\$7,400.00	\$37,000.00	\$7,500.00	\$37,500.00
54.	INSTALL BLOW OFF/BOTTOM DRAIN ASSEMBLY PER IRWD STD W-14	5	EA	\$6,500.00	\$32,500.00	\$16,180.00	\$80,900.00	\$9,800.00	\$49,000.00	\$13,000.00	\$65,000.00	\$15,500.00	\$77,500.00
55.	REMOVE TEMPORAY FLUSH-OUT ASSEMBLY & JOIN EXISTING PER DETAIL 93	1	EA	\$3,000.00	\$3,000.00	\$7,783.00	\$7,783.00	\$3,250.00	\$3,250.00	\$9,290.00	\$9,290.00	\$7,500.00	\$7,500.00
56.	REMOVE TEMPORAY FLUSH-OUT ASSEMBLY & JOIN EXISTING PER DETAIL 94	1	EA	\$3,000.00	\$3,000.00	\$7,783.00	\$7,783.00	\$3,250.00	\$3,250.00	\$9,290.00	\$9,290.00	\$7,500.00	\$7,500.00
57.	INSTALL 8" CML&C STEEL PIPE, RECYCLED WATER LINE PER IRWD STD W-17	12	LF	\$1,000.00	\$12,000.00	\$3,700.00	\$44,400.00	\$300.00	\$3,600.00	\$189.00	\$2,268.00	\$500.00	\$6,000.00
58.	INSTALL 8" 45 DEGREE STEEL BEND, W/ TRUST BLOCK PER IRWD STD W-16	2	EA	\$1,500.00	\$3,000.00	\$360.00	\$720.00	\$650.00	\$1,300.00	\$988.00	\$1,976.00	\$1,500.00	\$3,000.00
59.	ADJUST VALVE CAP TO BASE PAVE GRADE	19	EA	\$300.00	\$5,700.00	\$525.00	\$9,975.00	\$700.00	\$13,300.00	\$597.00	\$11,343.00	\$250.00	\$4,750.00
60.	ADJUST VALVE CAP TO FINAL GRADE	19	EA	\$600.00	\$11,400.00	\$525.00	\$9,975.00	\$700.00	\$13,300.00	\$597.00	\$11,343.00	\$250.00	\$4,750.00
<b>TOTAL IRWD CAPITAL RECYCLED WATER DELETABLE IMPROVEMENTS (SECTIONS C-D)</b>					<b>\$1,089,450.00</b>		<b>\$888,981.00</b>		<b>\$960,210.00</b>		<b>\$1,281,304.00</b>		<b>\$1,351,350.00</b>

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November 28, 2022  
Prepared by: R. Burk / M. Cortez  
Submitted by: K. Burton  
Approved by: Paul A. Cook *PAC*

## ACTION CALENDAR

### MICHELSON WATER RECYCLING PLANT FUELING FACILITY BUDGET INCREASE AND CONSTRUCTION AWARD

#### SUMMARY:

The Michelson Water Recycling Plant (MWRP) Fueling Facility project will install a compressed natural gas (CNG) fueling facility, replace the existing diesel and gasoline fueling systems, and install an additional diesel storage tank to increase the storage capacity to account for three days of emergency diesel fuel use. In addition, the MWRP perimeter road will be extended and an emergency access road over the flood control berm will be constructed. Staff recommends that the Board:

- Authorize budget increases in the amounts of \$1,546,000 and \$2,717,000 for the MWRP Fueling Facility, Projects 07881 and 07882, respectively; and
- Authorize the General Manager to execute a construction contract with Innovative Construction Solutions in the amount of \$9,547,000 for the MWRP Fueling Facility.

#### BACKGROUND:

IRWD's Fleet Services Facility located at the Michelson Operations Center maintains a fleet of approximately 300 vehicles fueled by diesel, gasoline, and CNG. A fuel island located in the parking lot adjacent to the Fleet Services Facility is used for fueling vehicles with both diesel and gasoline. Currently, CNG vehicles are fueled at facilities operated by the City of Irvine or the City of Santa Ana. The original scope of this project was to install a new CNG fueling facility to fuel IRWD's 11 jetter trucks, vactor trucks, hydraulic excavators, tractor, and a boom crane.

As the design progressed, supplemental scope was added to the project. The existing underground diesel and gasoline fleet fueling systems were determined to be near their end of recommended life and in need of replacement. The systems consist of a 15,000-gallon underground gasoline storage tank, a 12,000-gallon underground diesel storage tank, fuel dispensers, transition sumps, and piping. This project will replace these existing storage tanks with above ground storage tanks located in the hillside area northeast of the Operations Center access road as well as replace the existing fuel dispensers and associated piping and equipment at the fuel island.

In parallel to this project, the District began planning measures to increase the emergency fuel storage capacity throughout the service area to account for three days of emergency fuel use for generators. The Operations Center has nine stationary generators and 11 portable generators. This project will install an additional above-ground diesel storage tank to supply the three days of emergency diesel fuel.

Road improvements were also added to the scope of work. The MWRP perimeter road will be extended at the existing cul-de-sac to connect with the northeast corner of the Biosolids access road, creating a continuous perimeter road. In addition, an emergency access road over the existing flood control berm will be constructed to allow access to MWRP when the flood gates are installed on Riparian View at the entrance to the MWRP. The soil cut from the hillside to construct the fueling facility will be used to construct the road over the flood control berm. These improvements will not impact the flood protection of the MWRP.

AECOM completed the engineering design for the MWRP Fueling Facility in August 2022. The proposed fueling facility is located on the northeast side of the Operations Center access road. A site plan is provided as Exhibit “A”.

Construction Bid:

The project was advertised to a select bidders list of 22 mechanical contractors on September 28, 2022. The bid opening occurred on November 9, 2022, with four bids received as summarized in the table below.

<b>Bidder</b>	<b>Bid Amount</b>
Innovative Construction Solutions	\$9,547,000
Orion Construction Corporation	\$10,189,000
Pacific Hydrotech Corporation	\$10,506,300
Steve P. Rados, Inc.	\$10,777,000
<i>Engineer's Estimate</i>	<i>\$6,779,000</i>

Innovative Construction Solutions is the apparent low bidder with a bid of \$9,547,000, and the bid results are shown in Exhibit “B”. The bids ranged from 41 to 59 percent higher than the engineer’s estimate of \$6,779,000. The discrepancy between the bids and the engineer’s estimate can be attributed to an underestimate of the cost for CNG equipment. The overall complexity of the project also likely contributed to the discrepancy between the bids and the engineer’s estimate. Construction bids have been observed to be higher in the current market. Innovative Construction Solutions has experience with mechanical projects and is well qualified to construct the fueling facility.

FISCAL IMPACTS:

Projects 07881 and 07882 are included in the FY 2022-23 Capital Budget. These projects will construct replacement facilities to replace aging infrastructure (e.g., replacement gas and diesel tanks), as well as construct new improvements (e.g., CNG facilities). The replacement facilities account for one-third of the project budget and will be funded by the Potable and Sewer Replacement Funds. The new facilities account for two-thirds of the project budget and will be funded by the Regional Potable, Sewer, and Recycled Water Improvement District Splits. Since the original budgets were established to construct the fueling facility only, budget adjustments are required as shown in the following table:

Project No.	Current Budget	Addition <Reduction>	Total Budget
07881	\$2,630,000	\$1,546,000	\$4,176,000
07882	\$5,257,000	\$2,717,000	\$7,974,000
Total	\$7,887,000	\$4,263,000	\$12,150,000

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15301 and Section 15303. Section 15301 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. Section 15303 provides exemption for the construction and location of new, small facilities or structures, and new small equipment within the small facilities or structures. A Notice of Exemption for the project was filed with the Orange County Clerk-Recorder on July 26, 2018.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE BUDGET INCREASES IN THE AMOUNT OF \$1,546,000, FROM \$2,630,000 TO \$4,176,000, FOR PROJECT 07881 AND IN THE AMOUNT OF \$2,717,000, FROM \$5,257,000 TO \$7,974,000, FOR PROJECT 07882, AND AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH INNOVATIVE CONSTRUCTION SOLUTIONS IN THE AMOUNT OF \$9,547,000 FOR THE MICHELSON WATER RECYCLING PLANT FUELING FACILITY, PROJECTS 07881 AND 07882.

LIST OF EXHIBITS:

Exhibit "A" – Project Site Map

Exhibit "B" – Bid Results – Innovative Construction Solutions

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"EXHIBIT A"  
PROJECT SITE PLAN  
MICHELSON WATER RECYCLING PLANT FUELING FACILITY



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# EXHIBIT "B"

## Bid Results

### Bidder Details

**Vendor Name** Innovative Construction Solutions  
**Address** 575 Anton Blvd Suite 850  
Costa Mesa, California 92626  
United States  
**Respondee** Marc Santaularia  
**Respondee Title** VP, HIMC  
**Phone** 310-736-7049  
**Email** msantaularia@icsinc.tv  
**Vendor Type** CADIR  
**License #** 764815  
**CADIR** 1000003958

### Bid Detail

**Bid Format** Electronic  
**Submitted** 11/09/2022 1:57 PM (PST)  
**Delivery Method**  
**Bid Responsive**  
**Bid Status** Submitted  
**Confirmation #** 307646

### Respondee Comment

### Buyer Comment

### Attachments

File Title	File Name	File Type
ICS Bid Package IRWD Michelson Fueling Systems (SC-22-1295).pdf	ICS Bid Package IRWD Michelson Fueling Systems (SC-22-1295).pdf	Bid Form

## Subcontractors

Showing 6 Subcontractors

Name & Address	Desc	License Num	CADIR	Amount	Type
<b>C M C STEEL FABRICATORS INC</b> 3880 MURPHY CANYON RD STE 100 San Diego, California 92123	Rebar	778010	1000000298	\$73,621.00	
<b>Econo Fence Inc</b> 5261 Pedley Rd Riverside, California 92509	Fencing	337734	1000001395	\$60,125.00	CADIR
<b>Graham Crackers-Demo, Inc.</b> 25125 Felswood Road Menifee, California 92584	Demolition	745828	1000016734	\$89,202.00	
<b>Hardy &amp; Harper, Inc.</b> 1312 E. Warner Ave Santa Ana, California 92705	Paving	215952	1000000076	\$472,000.00	
<b>Herman and Charles inc</b> 461 E Redlands Blvd San Bernardino, California 92408	Electrical	1086284	1000859957	\$1,272,930.00	CADIR
<b>Kretschmar &amp; Smith Inc</b> 6293 Pedley Road Riverside, California 92509	Masonry	467211	1000002071	\$129,400.00	

## Line Items


Discount Terms No Discount

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
<b>BASE BID ITEMS</b>							<b>\$9,547,000.00</b>		
1			Mobilization, Demobilization and Clean-up	LS	1	\$500,000.00	\$500,000.00	Yes	
2			Temporary Fencing	LS	1	\$30,000.00	\$30,000.00	Yes	
3			Relocation of Utilities and Removal of Existing Light Poles	LS	1	\$150,000.00	\$150,000.00	Yes	
4			Demolition of Existing Roadway	LS	1	\$300,000.00	\$300,000.00	Yes	
5			Existing Fueling Facility Demolition	LS	1	\$95,000.00	\$95,000.00	Yes	
6			Excavation and Soil Disposal	LS	1	\$400,000.00	\$400,000.00	Yes	
7			Retaining Walls	LS	1	\$290,000.00	\$290,000.00	Yes	
8			Drainage Control	LS	1	\$130,000.00	\$130,000.00	Yes	
9			Roadway Preparation, Paving and Curbing, and Striping	LS	1	\$1,100,000.00	\$1,100,000.00	Yes	
10			Foundations	LS	1	\$400,000.00	\$400,000.00	Yes	
11			Guard Rails and Bollards	LS	1	\$30,000.00	\$30,000.00	Yes	
12			Fencing	LS	1	\$70,000.00	\$70,000.00	Yes	
13			Signage	LS	1	\$5,000.00	\$5,000.00	Yes	
14			Furnish and Install CNG Equipment, Piping, and Appurtenances	LS	1	\$3,350,000.00	\$3,350,000.00	Yes	
15			Furnish and Install Gasoline Equipment, Piping, and Appurtenances	LS	1	\$320,000.00	\$320,000.00	Yes	
16			Furnish and Install Diesel Equipment, Piping, and Appurtenances	LS	1	\$465,000.00	\$465,000.00	Yes	
17			Furnish and Install Electrical / Controls and Instrumentation	LS	1	\$1,725,000.00	\$1,725,000.00	Yes	
18			Furnish and Install Erosion Control Measures	LS	1	\$50,000.00	\$50,000.00	Yes	
19			Furnish and Install Excavation Safety Measures	LS	1	\$1,500.00	\$1,500.00	Yes	
20			Start-up Testing and Training	LS	1	\$13,000.00	\$13,000.00	Yes	
21			Prepare Operation and Maintenance Manuals	LS	1	\$2,500.00	\$2,500.00	Yes	
22			Prepare and Maintain Record Drawings	LS	1	\$5,000.00	\$5,000.00	Yes	
23			Optional - Bird Fencing and Sound Blankets	LS	1	\$65,000.00	\$65,000.00	Yes	
24			Optional - Portable Gas Supply for Commissioning	LS	1	\$50,000.00	\$50,000.00	Yes	
<b>ADDITIVE AND DEDUCTIVE BID ITEMS</b>							<b>\$0.00</b>		
25			ADDITION (+) OR DEDUCTION (-)	LS	1	\$0.00	\$0.00	Yes	

## Line Item Subtotals

Section Title	Line Total
<b>BASE BID ITEMS</b>	<b>\$9,547,000.00</b>
<b>ADDITIVE AND DEDUCTIVE BID ITEMS</b>	<b>\$0.00</b>
<b>Grand Total</b>	<b>\$9,547,000.00</b>

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November 28, 2022  
Prepared and  
Submitted by: K. Burton  
Approved by: Paul A. Cook 

## ACTION CALENDAR

### ETWD-IRWD SOUTH ORANGE COUNTY WASTEWATER AUTHORITY RIGHTS ASSIGNMENT AND ASSUMPTION AGREEMENT

#### SUMMARY:

Staff has been evaluating withdrawal options regarding IRWD's participation in the South Orange County Wastewater Authority (SOCWA) for the Effluent Transmission Main (ETM) and Aliso Creek Ocean Outfall (ACOO) that handle ocean discharges from IRWD's Los Alisos Water Recycling Plant in Lake Forest. An Assignment and Assumption Agreement with El Toro Water District (ETWD) has been prepared that will allow IRWD to withdraw from SOCWA while maintaining use of the ETM and the ACOO. Staff recommends the Board authorize the general manager to execute the ETWD-IRWD SOCWA Rights Assignment and Assumption Agreement subject to non-substantive changes.

#### BACKGROUND:

IRWD is a member of the SOCWA Joint Powers Authority (JPA), which is managed through project committees (PCs) that represent each major facility. Each member agency that has capacity in a facility is a member of the PC for that facility. IRWD is a member of three PCs responsible for the operation, maintenance, and permitting of Reaches B through E of the ETM and the ACOO. PC 8 covers the permitting of ocean discharges from several treatment plants, PC 21 covers the ETM Reaches B through E, and PC 24 covers the ACOO. Reach A of the ETM is 100% owned by IRWD and is not part of SOCWA. The location of the ETM and ACOO and the capacity allocations within these pipelines are shown in Exhibit "A".

IRWD's involvement within SOCWA is minimal and only involves the management of a pipeline, compared with most of the other member agencies that are involved with the treatment of sewage and more complex facilities. ETWD is a member of PCs 8, 21 and 24 like IRWD, but ETWD also belongs to PCs associated with the treatment of sewage.

#### Assignment and Assumption Agreement:

IRWD and ETWD have a long, successful history of working together to solve complex water and sewage issues. Staff from the two districts have again worked cooperatively to develop an agreement that will allow IRWD to contract with ETWD for IRWD's continued use of the ETM and ACOO outside of SOCWA. In addition, IRWD had discussions with staff from several SOCWA member agencies to understand potential concerns regarding IRWD's withdrawal from SOCWA. Based on these meetings, an agreement between IRWD and ETWD has been prepared that will allow for IRWD's withdrawal from SOCWA. The agreement between IRWD and ETWD is provided in Exhibit "B". The draft Agreement was provided to SOCWA as well as all the SOCWA member agencies on September 6, 2022. To date, neither IRWD nor ETWD have

received any comments regarding the Agreement from either SOCWA or any of the SOCWA member agencies.

SOCWA Withdrawal Schedule:

The agreement between IRWD and ETWD was approved by the ETWD Board on November 22, 2022. Upon IRWD Board approval of the agreement and execution by both ETWD and IRWD, IRWD plans to submit a formal letter of withdrawal to SOCWA and the member agencies along with the executed agreement. Per the SOCWA JPA the withdrawal letter must be received by SOCWA and all member agencies at least 120 calendar days in advance of June 30, 2023, to be effective on the start of the next fiscal year that commences July 1, 2023.

FISCAL IMPACTS:

IRWD's current fiscal year contributions to SOCWA for operations, maintenance and capital expenditures will remain the same under the ETWD-IRWD agreement but will be paid to ETWD instead of SOCWA. Upon withdrawal, IRWD's annual general fund contribution to SOCWA will decrease approximately \$30,000 and IRWD will incur a \$10,000 per year administrative fee, plus 3% annual increase, to ETWD to cover its staff time for coordinating with IRWD. IRWD will also reimburse ETWD a onetime fee of up to \$15,000 to cover ETWD's legal fees associated with the preparation of the agreement.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on February 15, 2022.

RECOMMENDATION:

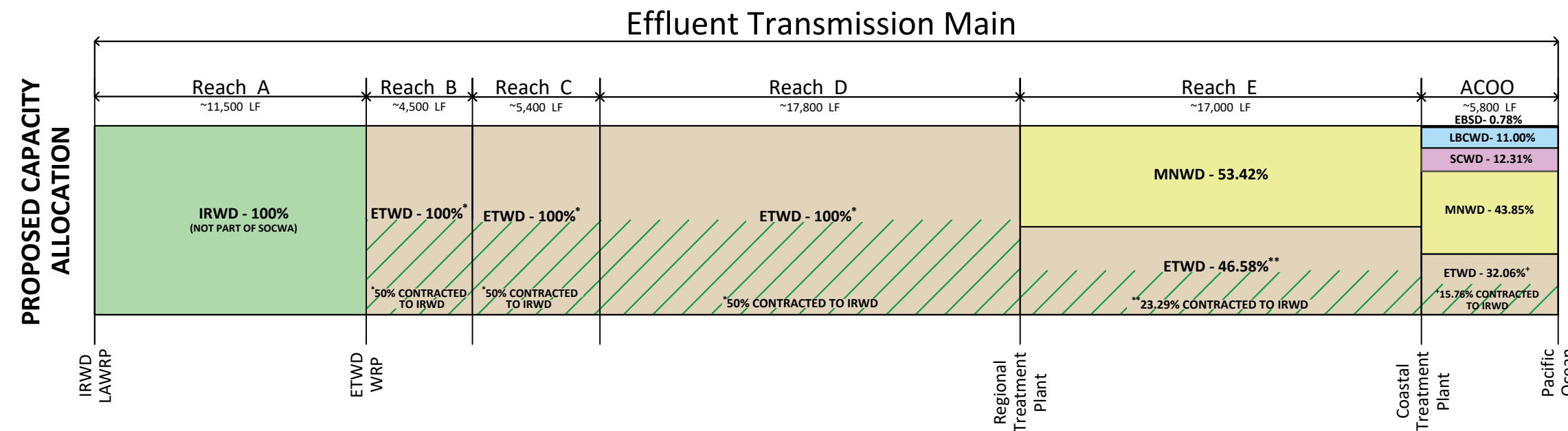
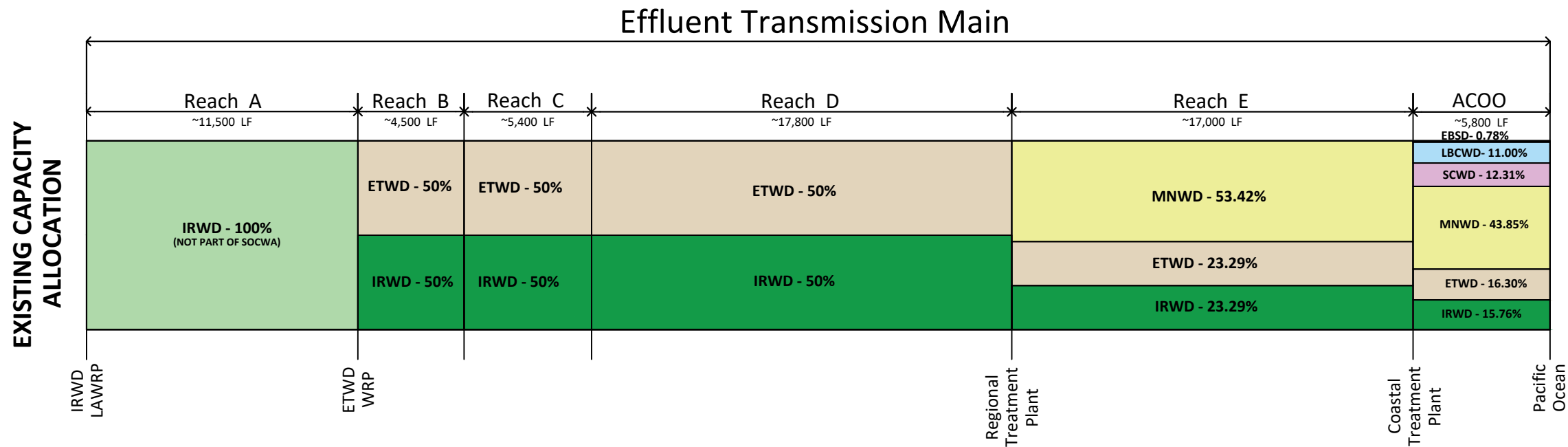
THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE THE EL TORO WATER DISTRICT / IRVINE RANCH WATER DISTRICT SOUTH ORANGE COUNTY WASTEWATER AUTHORITY RIGHTS ASSIGNMENT AND ASSUMPTION AGREEMENT SUBJECT TO NON-SUBSTANTIVE CHANGES.

LIST OF EXHIBITS:

Exhibit "A" – ETM and ACOO Location Map and Capacity Allocations

Exhibit "B" – ETWD-IRWD SOCWA Rights Assignment and Assumption Agreement

# SOUTH ORANGE COUNTY WASTEWATER AUTHORITY (SOCWA) EFFLUENT TRANSMISSION MAIN EXISTING AND PROPOSED CAPACITY ALLOCATION



SITE MAP - EFFLUENT TRANSMISSION MAIN



KEY MAP



LEGEND

- ACOO Aliso Creek Ocean Outfall
- Invine Ranch Water District (IRWD) - NOT PART OF SOCWA
- Invine Ranch Water District (IRWD)
- Invine Ranch Water District (IRWD) - CONTRACT CAPACITY FROM ETWD
- El Toro Water District (ETWD)
- Moulton Niguel Water District (MNWD)
- South Coast Water District (SCWD)
- Laguna Beach County Water District (LBCWD)
- Emerald Bay Service District (EBSD)

EXISTING AND PROPOSED CAPACITY ALLOCATION

DECEMBER 2021

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## Assignment and Assumption Agreement (El Toro-IRWD SOCWA Facilities)

This Assignment and Assumption Agreement ("**Agreement**") is between Irvine Ranch Water District ("**IRWD**") and El Toro Water District ("**El Toro**"), each of which are a "**Party**," and together are the "**Parties**." This Agreement is effective as of July 1, 2023 ("**Effective Date**").

A. Overview. The South Orange County Wastewater Authority ("**SOCWA**") is a Joint Powers Agency made up of several water purveyors and/or wastewater service providers within the San Juan Creek and/or Aliso Creek watershed. SOCWA owns and operates wastewater treatment facilities, transmission mains, and outfalls. SOCWA was created pursuant to the Joint Exercise of Powers Agreement Creating South Orange County Wastewater Authority ("**SOCWA**") dated July 1, 2001 (the "**Joint Powers Agreement**"). The current members of SOCWA are the City of Laguna Beach, the City of San Clemente, Capistrano Valley Water District, El Toro, Emerald Bay Services District, IRWD, Moulton Niguel Water District, Santa Margarita Water District, South Coast Water District, and Trabuco Canyon Water District (collectively, the "**Member Agencies**"). The City of San Juan Capistrano assigned all of its rights, title, interests, duties and obligations arising from its participation in SOCWA to Capistrano Valley Water District effective July 1, 2022.

B. Project Committees. If a SOCWA project or facility involves less than all of the SOCWA's Member Agencies, the affected Member Agencies form a "**Project Committee**" (or "**PC**") that is responsible for the construction, operation, and maintenance of that facility. IRWD is currently a member of PC 8 (Pretreatment Program), PC 21 (Effluent Transmission Main), and PC 24 (Aliso Creek Ocean Outfall), and is a former or non-participating member of PC 12 (Water Reclamation Permits). El Toro is also a member of these four PCs, among others.

C. Project Committee 21 (Effluent Transmission Main). IRWD, El Toro and Moulton Niguel (together, the "**PC 21 Member Agencies**") are the participating Member Agencies of Project Committee 21 ("**PC 21**") (originally established as Project Committee No. 2), which governs Reaches B, C, D, and E of the Effluent Transmission Main (the "**Effluent Transmission Main**"). The Parties (or their predecessors) are signatories to the *Agreement for Design, Construction, Use, Operation, Maintenance, Repair and Replacement of Aliso Creek Interceptor Sewer and Pumping Stations for Aliso Water Management Agency For and On Behalf of Project Committee No. 2*, dated January 22, 1975, as amended on October 7, 1999; October 2, 2003; and May 19, 2005; as well as the *Memorandum of Understanding Regarding Allocation of Costs, Grant Funds, and the Use of Facilities Funded by Project Committee No. 2* (together, the "**PC 2/21 Agreement**"). Pursuant to the terms of the PC 2/21 Agreement, the Participating Members (as defined in those agreements) collaborated with AWMA to design, construct, operate, and maintain the Effluent Transmission Main. The AWMA was a joint powers agency established for the purpose of constructing a regional program for wastewater collection, treatment, and disposal. It was consolidated with two other regional water joint powers authorities to form SOCWA in 2001.

D. PC 21 Facility Usage Allocations. SOCWA's Effluent Transmission Main is segmented into 4 reaches, known as Reaches B, C, D and E. Pursuant to the PC 2/21 Agreements, in Reaches B, C, and D, IRWD and El Toro each maintain 50% capacity allocation. In Reach E, IRWD and El Toro each maintain a 23.29% capacity allocation, and Moulton Niguel maintains 53.42% capacity allocation. In addition to the capacity allocation, the PC 2/21 Agreement's Amendment No. 3 provides the terms and conditions under which IRWD may discharge its Shallow Groundwater Unit Effluent (SGU Effluent) and Reverse Osmosis Brine Discharge (RO Brine Discharge) from the Irvine Desalter Project Potable Treatment Plant into the Effluent Transmission Main.

E. Project Committee 24 (Aliso Creek Ocean Outfall). IRWD, El Toro, Moulton Niguel, South Coast, Laguna Beach, and Emerald Bay (together, the "**PC 24 Member Agencies**") are the participating Member Agencies of Project Committee 24 ("**PC 24**") (originally established as Project Committee No. 11-A), which governs the Aliso Creek Ocean Outfall. The PC 24 Participating Members are signatories to the *Agreement for Acquisition of Capacity Construction, Use, Operation, and Maintenance of Outfall Facilities For Aliso Water Management Agency and For Such Agency On Behalf of Project Committee No. 11-A*, dated September 24, 1976, and subsequently amended five times between November 1976 and June, 1996 (the "**PC 24 Agreement**"). The PC 24 Agreement governed the financing, construction, operation, and maintenance of the Aliso Creek Ocean Outfall, as well as set capacity and use restrictions for each Participating Member Agency in PC 24.

F. PC 24 Facility Capacity Allocations. Pursuant to the PC 24 Agreement and the agreement of the PC 24 Member Agencies, the current capacity allocations of the 50.0 million gallons per day peak flow in the Aliso Creek Ocean Outfall are as follows:

IRWD	15.76%
El Toro	16.302%
Moulton Niguel	43.848%
South Coast	12.31%
Laguna Beach	11.00%
Emerald Bay	0.78%
Total	100.00%

G. Project Committee 8 (Pretreatment Program). SOCWA's Project Committee 8 ("**PC 8**") manages SOCWA's Pretreatment Program, including NPDES permits, for its facilities including the Effluent Transmission Main and Aliso Creek Ocean Outfall. IRWD, as successor to the Los Alisos Water District, and SOCWA, as the successor to the Aliso Water Management Agency ("**AWMA**"), are parties to the 1994 *Interagency Agreement Between the Aliso Water Management Agency (AWMA) and the Los Alisos Water District (LAWD) Facilitating the Pretreatment Program and Contracting With AWMA To Operate The Los Alisos Pretreatment Program* (the "**Interagency Agreement**"), attached as Exhibit 1, that provides for joint administration and enforcement of an industrial pretreatment program designed to ensure compliance with NPDES and other regulatory requirements in connection with IRWD's use of the Effluent Transmission Main and Aliso Creek Ocean Outfall. In compliance with federal and state law, IRWD intends to continue to fulfill its duties relating to pretreatment, including the adoption and enforcement of a Pretreatment Ordinance, consistent with SOCWA's pretreatment program and the Interagency Agreement.

H. Project Committee 12 (Water Reclamation Permits). IRWD is a former or non-participating member of PC 12, which handles recycled water permitting. Although IRWD ceased participation in PC 12 in 2018, IRWD has continuing unfunded actuarial liability arising out of unfunded pension obligations ("**UAL**") and other post-employment employment benefits ("**OPEB**") obligations.

I. IRWD Withdrawal from SOCWA. IRWD has determined that it could achieve efficiencies with respect to its participation in and use of SOCWA's programs and facilities by assigning its interests in SOCWA to El Toro, withdrawing from SOCWA, and contracting directly with El Toro for use of capacity in the Effluent Transmission Main and Aliso Creek Ocean Outfall. On or before February 15, 2023 IRWD will give notice to SOCWA and all its member agencies of its intent to withdraw from SOCWA effective June 30, 2023. Coterminal with the

effectiveness of that withdrawal, IRWD hereby assigns all of its rights and duties in SOCWA and its facilities to El Toro, except that IRWD will continue to comply with SOCWA's pretreatment program requirements and any future amendments or modifications to the pretreatment requirements pursuant to IRWD's *Interagency Agreement* with SOCWA.

J. Assignment of Capacity to El Toro. Pursuant to this Agreement, IRWD will assign to El Toro, and El Toro will accept from IRWD, IRWD's 50% capacity allocation in Reaches B, C, and D of the Effluent Transmission Main; IRWD's 23.29% capacity allocation in Reach E of the Effluent Transmission Main; IRWD's 15.76% capacity allocation in the Aliso Creek Ocean Outfall; and all of its rights and obligations pursuant to the PC 2/21 and PC 24 Agreements, including the right to discharge Shallow Groundwater Unit Effluent (SGU Effluent) and Reverse Osmosis Brine Discharge (RO Brine Discharge) into the Effluent Transmission Main and Aliso Creek Ocean Outfall.

The Parties therefore agree as follows:

1. **Purpose.** The Parties intend by this Agreement to provide for: IRWD's assignment of its rights and duties in SOCWA and its facilities to El Toro; IRWD's payment to El Toro for all SOCWA liabilities arising out of IRWD's use of SOCWA facilities, programs, and services; IRWD's payment of all UAL/OPEB liabilities associated with IRWD's historic membership in SOCWA; IRWD's concurrent withdrawal as a member agency from SOCWA; and confirmation of IRWD's continued participation in the *Interagency Agreement* relating to the NPDES permit and related pre-treatment program requirements.

2. **Assignment and Acceptance of Capacity Interests.** IRWD hereby assigns to El Toro and El Toro hereby accepts all of IRWD's capacity interests in SOCWA facilities including specifically the interests in the Effluent Transmission Main and Aliso Creek Ocean Outfall described above, and all rights and obligations pursuant to the PC 2/21 and PC 24 Agreements. The resulting capacity allocations within the Effluent Transmission Main and the Aliso Creek Ocean Outfall, effective as of the Effective Date, are as follows:

Effluent Transmission Main (PC 2/21) Capacity Allocation Following Assignment		
Reaches B, C, D	El Toro	100%
Reach E	El Toro	46.58%
	Moulton Niguel	53.42%

Aliso Creek Ocean Outfall (PC 24) Capacity Allocation Following Assignment	
El Toro	32.062%
Moulton Niguel	43.848%
South Coast	12.31%
Laguna Beach	11.00%
Emerald Bay	0.78%
Total	100.00%

3. **Continued Discharge Capacity.** IRWD shall have the right to continue to discharge into the Effluent Transmission Main and Aliso Creek Ocean Outfall in an amount not

to exceed its pre-assignment capacity allocation, including its discharge of SGU Effluent and RO Brine Discharge from the Irvine Desalter Project.

4. **Withdrawal.** As of the Effective Date, IRWD is no longer a member of SOCWA and therefore no longer a member of the SOCWA Board of Directors, Project Committees 8, 12, 21, 24, or any other committee. Pursuant to the terms of this Agreement, El Toro will assume all of IRWD's rights and duties in connection with SOCWA and its Project Committees (including the right to discharge SGU Effluent and RO Brine Discharge into the Effluent Transmission Main and Aliso Creek Ocean Outfall) and UAL/OPEB obligations, except for compliance with the Interagency Agreement.

5. **Effect on SOCWA Board Membership.** Nothing in this Agreement is intended to affect the governance of SOCWA, except that upon the Effective Date IRWD will cease being a Member Agency. El Toro will not obtain an additional seat on the SOCWA Board of Directors or any Project Committee as a result of this assignment and assumption; the Parties understand that the number of directors on the SOCWA Board of Directors will be reduced by one director as a result of IRWD's withdrawal.

6. **Costs.**

6.1 After the Effective Date, any costs relating to IRWD's former capacity or its historic UAL/OPEB liabilities will be borne by El Toro pursuant to Section 6.2 and 6.3. Furthermore, the Parties understand that general fund costs will be allocated among remaining SOCWA member agencies based on a formula that does not allocate IRWD's former general fund costs solely to El Toro, but instead under a formula that allocates those costs either equally among the remaining agencies, or based on a formula consistent with that used in the 2022-23 fiscal year among Member Agencies.

6.2 **UAL/OPEB Liability.** IRWD acknowledges its responsibility to pay for IRWD's proportional share of any UAL/OPEB arising out of IRWD's participation in SOCWA, including its historical participation in PC 8, 12, 21, and 24. IRWD hereby assigns and El Toro hereby accepts IRWD's share of UAL/OPEB liability subject to IRWD's duty to reimburse El Toro for those costs.

6.3 The annual costs associated with the operation and maintenance of the Effluent Transmission Main and Aliso Creek Ocean Outfall, including costs associated with the administration of SOCWA's pretreatment program and general administrative costs, are allocated between the existing participating member agencies of the respective Project Committees on an annual basis through SOCWA's budgeting process. After the Effective Date, El Toro shall pay to SOCWA all costs assessed by SOCWA relating to IRWD's use of the Effluent Transmission Main and Aliso Creek Ocean Outfall, and all IRWD share of costs in PC 8 and PC 12, including all of IRWD's share of UAL/OPEB liabilities. IRWD shall pay El Toro for IRWD's share of all costs and expenses related to its discharge, including annual operation and maintenance costs, pretreatment program costs, costs of depreciation, any upgrade, expansion, or other capital, administrative, overhead or shared costs, including all of IRWD's share of UAL/OPEB liabilities on an ongoing basis, in proportion to IRWD's pre-assignment capacity allocation in each facility.

6.4 El Toro will invoice IRWD for the costs attributable to IRWD's PC 8, 12, 21, and 24 expenses on a quarterly basis, or more or less frequently as determined by the Parties. Within 30 days following receipt of an invoice from El Toro related to any SOCWA audit

or expense reconciliation, the Parties will reconcile any over- or under-payments identified in that audit or reconciliation.

6.5 **Administrative Fee.** In addition to costs assessed by SOCWA for IRWD's PC-related expenses, IRWD shall pay to El Toro an annual administrative fee of \$10,000. IRWD will pay the full administrative fee along with the first invoice by El Toro each fiscal year. The Administrative Fee amount will increase by 3% at the beginning of each fiscal year. Within 30 days after the full execution of this Agreement, IRWD shall also pay to El Toro a one-time payment up to \$15,000 to reimburse El Toro for its legal costs related to preparing this Agreement.

**7. Permitting and Pretreatment.**

7.1 IRWD shall continue to fulfill its duties relating to waste discharge requirements and pretreatment, including the adoption of a pretreatment ordinance and enforcement response plan consistent with SOCWA's pretreatment program. IRWD shall enforce all requirements established by SOCWA with respect to the discharge of wastes to SOCWA facilities, and shall cooperate in any enforcement response or proceeding as requested by SOCWA or El Toro.

7.2 IRWD shall pay El Toro for its proportional share of costs associated with the pretreatment, permitting, and other activities of SOCWA's PC 8, pursuant to Section 6.

8. **Liability.** IRWD shall defend, indemnify, and hold harmless El Toro from any costs, losses, claims, legal actions, or other liabilities (including legal fees and costs) arising out of El Toro's assumption of IRWD's capacity rights in SOCWA, including any legal actions brought by third parties challenging the validity of this Agreement. It is the intent of the Parties to achieve operational efficiencies by way of this Agreement; it is also the intent of the Parties that El Toro not assume any additional liability as a result of assuming IRWD's rights and obligations under this Agreement.

9. **Incremental Additional Costs and/or Liability Resulting From Assignment.** As stated in Section 8, it is the intent of the parties that El Toro not assume or incur any additional costs and/or liability as a result of assuming IRWD's capacity rights and obligations under this Agreement. As such, IRWD shall reimburse El Toro an amount equal to any costs and/or liability assessed on or incurred by El Toro as a consequence of El Toro accepting IRWD's assignment of capacity herein that arises from any claims relating to the debts, liabilities, obligations, or facilities owned or operated by SOCWA or any of its Project Committees, that arise on or after the Effective Date of this Agreement. For example, if the amount of any such costs and/or liability is calculated on the basis of capacity interest owned by ETWD, inclusive of that capacity assigned herein, the amount of reimbursement due ETWD from IRWD shall be the amount by which the assigned capacity herein increases the amount of said unforeseen costs and/or liability incurred by El Toro. under this Agreement. However, El Toro shall notify IRWD at the earliest reasonable time of the amount of said costs and/or liability, the basis for and/or calculation of said costs and/or liability, and allow IRWD a reasonable time to review or audit said costs and/or liability to ensure compliance with this Section 9, and to request that El Toro consider or request that SOCWA consider a monetary adjustment if called for by that review or audit.

10. **Effect on Prior Rights.** The terms of this Agreement govern the Parties and supersede all contrary terms in prior agreements between the Parties, including but not limited

to the *Joint Exercise of Powers Agreement Creating South Orange County Wastewater Authority* dated July 1, 2001.

11. **Termination.** This Agreement will continue in full force and effect until terminated by mutual written agreement of the Parties.

12. **Reconveyance and Termination Upon SOCWA Dissolution.** If SOCWA at any time ceases to own the Facilities, then El Toro may, in its sole discretion and upon reasonable notice to IRWD, reconvey back to IRWD any Facilities or Capacity assigned and assumed under this Agreement, and IRWD shall timely accept those Facilities or that Capacity and this Agreement will terminate.

13. **Amendment.** This Agreement may be amended from time to time with the prior written approval of both Parties. If the governance of SOCWA or the ownership of the Effluent Transmission Main or Aliso Creek Ocean Outfall is changed in any way that would make continued implementation of this Agreement impracticable or impossible, then the Parties will meet and confer and work in good faith to arrange for a form of continued partnership on the Effluent Transmission Main and Aliso Creek Ocean Outfall to provide for the mutual benefit of both Parties.

14. **Duty of Good Faith and Fair Dealing.** The Parties anticipate that in connection with the Effluent Transmission Main and Aliso Creek Ocean Outfall their interests are identical and non-competitive. El Toro shall ensure that if any issues arise at SOCWA in which El Toro's interests and IRWD's interests diverge, then El Toro shall keep IRWD apprised of those issues and meet and confer with IRWD about any future actions. El Toro shall advise IRWD of any material changes to SOCWA or its Project Committees that could affect IRWD's interests under this Agreement.

15. **Miscellaneous.**

15.1 *Integration, Governing Law, Amendment.* This Agreement represents the entire understanding of the Parties as to: IRWD's assignment of its capacity rights in all SOCWA facilities to El Toro; IRWD's payment of all unfunded pension liabilities associated with IRWD's membership in SOCWA; IRWD's withdrawal as a member agency from SOCWA; confirmation of IRWD's continued participation in the Interagency Agreement relating to the NPDES permit and related pre-treatment program requirements; and the Parties' interests and obligations relating to the Effluent Transmission Main or the Aliso Creek Ocean Outfall. To the extent that it contradicts or varies from this Agreement, no prior oral or written understanding shall be of any force or effect with respect to the matters covered by this Agreement. This Agreement is governed by the laws of the State of California and shall be construed as if drafted by both Parties. This Agreement may not be modified except in writing, approved and executed by both Parties.

15.2 *Third Parties.* This Agreement does not create any third-party beneficiary or any rights in any person or party other than the Parties.

15.3 *Signing Authority.* Each Party represents and warrants that each person or persons executing this Agreement on its behalf is duly authorized to do so by the respective Party and that this Agreement shall bind the Parties.

15.4 *Notices.* Any written notice required by this Agreement shall be made by U.S. mail or by reliable overnight courier and delivered to the following address, together with a courtesy copy by email:

To IRWD: Irvine Ranch Water District  
15600 Sand Canyon Avenue  
Irvine, CA 92618  
Attn: General Manager/Paul A. Cook  
(949) 453-5300  
cc by email to cook@irwd.com

To El Toro: El Toro Water District  
24251 Los Alisos Blvd.  
Lake Forest, CA 92630  
Attn: General Manager/Dennis Cafferty  
cc by email to: dcafferty@etwd.com

Either party may, by written notice to the other, designate a different address or addressee, which will be substituted immediately for that specified above.

15.5 *Severability.* If any provision of this Agreement, for any reason, is held to be invalid, illegal, or unenforceable in any respect, that invalidity, illegality, or unenforceability will not affect any other provision of this Agreement, but this Agreement will be construed as if the invalid, illegal, or unenforceable provision had never been set forth herein, and the remainder will be enforceable to the fullest extent permitted by law.

15.6 *Successors & Assigns.* The terms of this Agreement are binding upon and will inure to the benefit of and be enforceable by the respective successors and assigns of the Parties.

15.7 *Counterparts.* This Agreement may be executed in counterparts, each of which is an original, but all of which together will constitute one and the same instrument.

The Parties are signing this Agreement as of the dates indicated below.

**IRVINE RANCH WATER DISTRICT**

Dated: \_\_\_\_\_

By: \_\_\_\_\_  
Paul A. Cook, General Manager

Approved as to Form:  
Hanson Bridgett, LLP

By: \_\_\_\_\_  
District Counsel

*[Signatures continue on following page]*

**EL TORO WATER DISTRICT**

Dated: \_\_\_\_\_

By: \_\_\_\_\_  
Dennis Cafferty, General Manager

Approved as to Form:  
Redwine & Sherrill, LLP

By: \_\_\_\_\_  
District Counsel



Exhibit 1  
Interagency Agreement

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