

**AGENDA**  
**ADMINISTRATION/FINANCE ISSUES COMMITTEE MEETING**  
**WITH BOARD OF DIRECTORS\***  
**ORANGE COUNTY WATER DISTRICT**  
**18700 Ward Street, Fountain Valley, CA 92708**  
**Thursday, March 14, 2024, 12:00 p.m.**  
**Conference Room C-2**

\*The OCWD Administration and Finance Issues Committee meeting is noticed as a joint meeting with the Board of Directors for the purpose of strict compliance with the Brown Act and it provides an opportunity for all Directors to hear presentations and participate in discussions. Directors receive no additional compensation or stipend as a result of simultaneously convening this meeting. Items recommended for approval at this meeting will be placed on the **March 20, 2024** Board meeting Agenda for approval.

This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

**Computer Audio: Join the Zoom meeting by clicking on the following link:**  
<https://ocwd.zoom.us/j/84653737407>

**Meeting ID: 846 5373 7407**

**Telephone Audio: (213) 338 8477**

Teleconference Sites:  
10382 Bonnie Drive, Garden Grove  
8856 Citrus Avenue, Westminster  
19 Cannery, Buena Park  
20 Civic Center, Room 813, Santa Ana  
1454 Madison Street, Tustin

\* Members of the public may attend and participate at all locations

**ROLL CALL**

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

**RECOMMENDATION:** Adopt resolution determining need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda (requires two-thirds vote of the Board members present, or, if less than two-thirds of the members are present, a unanimous vote of those members present.)

**VISITOR PARTICIPATION**

Time has been reserved at this point in the agenda for persons wishing to comment for up to three minutes to the Board of Directors on any item that is not listed on the agenda, but within the subject matter jurisdiction of the District. By law, the Board of Directors is prohibited from taking action on such public comments. As appropriate, matters raised in these public comments will be referred to District staff or placed on the agenda of an upcoming Board meeting.

At this time, members of the public may also offer public comment for up to three minutes on any item on the Consent Calendar. While members of the public may not remove an item from the Consent Calendar for separate discussion, a Director may do so at the request of a member of the public.

## **CONSENT CALENDAR (ITEMS NO. 1 – 10)**

All matters on the Consent Calendar are to be approved by one motion, without separate discussion on these items, unless a Board member or District staff request that specific items be removed from the Consent Calendar for separate consideration.

1. MINUTES OF ADMINISTRATION/FINANCE ISSUES COMMITTEE MEETING HELD FEBRUARY 15, 2024

RECOMMENDATION: Approve minutes as presented

2. MONTHLY CASH CONTROL REPORT

RECOMMENDATION: Agendize for March 20 Board meeting: Receive and file Summary Cash and Cash Equivalents Control Reports dated February 29, 2024

3. INVESTMENT PORTFOLIO HOLDINGS REPORTS

RECOMMENDATION: Agendize for March 20 Board meeting: Receive and file the Investment Portfolio Holdings Reports dated February 29, 2024

4. IBM MAXIMO SOFTWARE SUBSCRIPTION AND SUPPORT RENEWAL

RECOMMENDATION: Agendize for March 20 Board meeting: Authorize issuance of Purchase Order to IBM for Maximo Application Suite Subscription Upgrade in the amount of \$606,707 (\$109,980 the first year and increasing 5% annually) for a period of 5 years beginning April 1, 2024 through March 31, 2029

5. AMENDMENT NO.1 TO AGREEMENT NO.1564 WITH JCI JONES CHEMICALS FOR SUPPLY AND DELIVERY OF SODIUM HYPOCHLORITE

RECOMMENDATION: Agendize for March 20 Board meeting: Authorize issuance of Amendment No.1 to Agreement No.1564 with JCI Jones Chemical Inc., effective from January 1, 2024, to December 31, 2024, for a revised sodium hypochlorite rate of \$1.7581/gallon

6. AMENDMENT NO.2 TO AGREEMENT NO.1295 WITH UTILIQUEST FOR UNDERGROUND SERVICE ALERT (USA) SERVICES

RECOMMENDATION: Agendize for March 20 Board meeting: Authorize issuance of Amendment No. 2 to Agreement No. 1295 with Utiliquest to increase the not-to-exceed amount by \$85,000 per year and extend the termination date to March 31, 2027, to provide underground service alert monitoring services

7. LIMITED TERM AGREEMENT – RISK & SAFETY ASSISTANT

RECOMMENDATION: Agendize for March 20 Board meeting: Authorize staff to contract with Lenyss Bahena as a Risk & Safety Assistant under a two-year Limited Term Agreement

8. RUTAN AND TUCKER LEGAL SERVICES BUDGET INCREASE

RECOMMENDATION: Agendize for March 20 Board meeting: Approve increasing the Rutan and Tucker FY23-24 legal services budget from \$250,000 to \$400,000

9. DISTRICT PARTICIPATION AT SIWW 2024 CONFERENCE AND TECHNICAL EXCHANGE WITH SINGAPORE PUB

RECOMMENDATION: Agendize for March 20 Board meeting: Authorize two District staff to participate in Singapore International Water Week conference and technical exchange activities with Singapore PUB

10. AMENDMENT NO. 1 TO AGREEMENT NO. 1529 WITH BAY ALARM FOR FHQ AND PRADO FIRE AND BURGLAR ALARM SYSTEM PROJECT

RECOMMENDATION: Agendize for March 20 Board meeting: Approve and authorize amendment No.1 to Professional Services Agreement 1529 with Bay Alarm to extend the service agreement through January 31, 2028, and include \$60,000 to the agreement budget

**END OF CONSENT CALENDAR**

**MATTER FOR CONSIDERATION**

11. EXTENSION OF LETTER OF CREDIT FOR 2003A VARIABLE RATE DEBT

RECOMMENDATION: Agendize for March 20 Board meeting:

- 1) Approve District and Corporation resolutions and execution of documents necessary to extend the current Letter of Credit and Reimbursement Agreement with Bank of America for the 2003A variable rate debt for a term of 2 years consistent with the offer provided by Bank of America and authorize the General Manager to execute such documents including minor changes requested by rating agencies or other participants in the transaction;
- 2) Authorize payment for costs of issuance not to exceed \$38,000

**INFORMATIONAL ITEMS**

12. PROPOSED FY 2024-25 BUDGET REPLACEMENT & REFURBISHMENT (R&R) FUND EXPENDITURE REVIEW

13. MONTHLY CASH DISBURSEMENTS REPORT

**CHAIR DIRECTION AS TO WHICH ITEMS IF ANY TO BE AGENDIZED AS MATTERS FOR CONSIDERATION AT MARCH 20 BOARD MEETING**

**DIRECTOR'S ANNOUNCEMENTS/REPORTS**

**GENERAL MANAGER'S ANNOUNCEMENT/REPORT**

**ADJOURNMENT**

## ADMINISTRATION AND FINANCE ISSUES COMMITTEE MEMBERS

### Committee Members

Roger Yoh - Chair  
Dina Nguyen – Vice Chair  
Valerie Amezcuia  
Natalie Meeks  
Bruce Whitaker

### Alternates

Erik Weigand  
Denis Bilodeau  
Steve Sheldon  
Van Tran  
Cathy Green

In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted at the guard shack entrance and in the main lobby of the Orange County Water District, 18700 Ward Street, Fountain Valley, CA and on the OCWD website not less than 72 hours prior to the meeting date and time above. All written materials relating to each agenda item are available for public inspection in the office of the District Secretary. Backup material for the Agenda is available at the District offices for public review and can be viewed online at the District's website: [www.ocwd.com](http://www.ocwd.com)

Pursuant to the Americans with Disabilities Act, persons with a disability who require a disability-related modification or accommodation in order to participate in a meeting, including auxiliary aids or services, may request such modification or accommodation from the District Secretary at (714) 378-3234, by email at [cfuller@ocwd.com](mailto:cfuller@ocwd.com) by fax at (714) 378-3373. Notification 24 hours prior to the meeting will enable District staff to make reasonable arrangements to assure accessibility to the meeting.

As a general rule, agenda reports or other written documentation has been prepared or organized with respect to each item of business listed on the agenda, and can be reviewed at [www.ocwd.com](http://www.ocwd.com). Copies of these materials and other disclosable public records distributed to all or a majority of the members of the Board of Directors in connection with an open session agenda item are also on file with and available for inspection at the Office of the District Secretary, 18700 Ward Street, Fountain Valley, California, during regular business hours, 8:00 am to 5:00 pm, Monday through Friday. If such writings are distributed to members of the Board of Directors on the day of a Board meeting, the writings will be available at the entrance to the Board of Directors meeting room at the Orange County Water District office.



MINUTES OF BOARD OF DIRECTORS MEETING  
ADMINISTRATION AND FINANCE ISSUES COMMITTEE  
ORANGE COUNTY WATER DISTRICT  
Thursday, February 15, 2024 @ 12:00 p.m.

Director Yoh called the Administration and Finance Issues Committee meeting to order at 12:00 p.m. in Conference Room C-2 in Fountain Valley, CA. Public access was also provided via Zoom webinar. The Secretary called the roll and reported a quorum as follows:

Committee Members

Roger Yoh  
Dina Nguyen (absent)  
Valerie Amezcua  
Natalie Meeks (absent)  
Bruce Whitaker

OCWD staff

Jeremy Jungreis – General Counsel  
Randy Fick - CFO/Treasurer  
John Kennedy – General Manager  
Leticia Villarreal – Assistant District Secretary  
Melissa Ochoa – Controller

Alternates

Erik Weigand  
Denis Bilodeau (absent)  
Steve Sheldon (absent)  
Van Tran (arrived at 12:03 p.m.)  
Cathy Green

**CONSENT CALENDAR**

The Consent Calendar was approved upon motion by Director Whitaker, seconded by Director Green and carried [5-0-] as follows:

**Ayes: Yoh, Amezcua, Whitaker, Weigand, Green**

\*Director Weigand Abstained on Item No. 1, Minutes

1. Minutes of Previous Meeting

**The minutes of the Administration/Finance Issues Committee meeting held January 11, 2024 were approved as presented.**

2. Monthly Cash Control Report

**Recommended by Committee for approval at February 21 Board meeting: Receive and file Summary Cash, and Cash Equivalents Control Reports dated January 31, 2024.**

3. Investment Portfolio Holdings Reports

**Recommended by Committee for approval at February 21 Board meeting: Receive and File the Investment Portfolio Holdings Reports dated January 31, 2024.**

4. Amendments 4 and 5 to Agreement 1315 with Valley Cities/Gonzales Fence, Inc., for On-Call Fence Repairs

**Recommended by Committee for approval at February 21 Board meeting: 1) Ratify Amendment No. 4 to Agreement No. 1315 with Valley Cities/Gonzales Fence, Inc., for an amount not to exceed \$25,000, at the same rates, for on-call fence repairs for the period of August 1, 2023, to July 31, 2024; and, 2) Authorize issuance of Amendment No. 5 to Agreement No. 1315 with Valley Cities/Gonzales Fence, Inc. to extend the termination date to June 30, 2025, and increase the not-to-exceed amount by \$40,000.**

## **MATTER FOR CONSIDERATION**

### **5. Budget to Actual Second Quarter 2023-24**

Accounting Manager Melissa Ochoa reported on the Budget to Actual Report for the second quarter year to-date fiscal year 2023-24. She stated that General Fund costs are \$765,000 lower than budget due to lower than planned expenses in the Hydrogeology and Natural Resources departments. She advised that Water Purchases are \$1.2 million lower than budget due to elevated basin levels requiring less injection in the Alamitos Barrier. Ms. Ochoa reported that R&R costs were \$1.6 million lower than planned primarily due to the Santiago pump station repair project expected to begin in early 2024. She shared Replenishment Assessment revenue was more than planned in the first half of the year due groundwater pumping being 5% more than planned.

**Upon motion by Director Whitaker, seconded by Director Yoh and carried [5-0], the Committee Recommended for approval at February 21 Board meeting: Receive and file the Budget to Actual Report for the Second Quarter of Fiscal Year 2023-24 ending December 31, 2023**

**Ayes: Yoh, Amezcuia, Whitaker, Weigand, Green**

## **INFORMATIONAL ITEM**

### **6. Monthly Cash Disbursements Report**

There was no discussion on this item.

## **CHAIR DIRECTION AS TO WHICH ITEMS, IF ANY TO BE AGENDIZED AS MATTERS FOR CONSIDERATION AT FEBRUARY 21 BOARD MEETING**

It was agreed to place all items on the Consent Calendar for the February 21 Board meeting.

## **ADJOURNMENT**

There being no further business, the meeting was adjourned at 12:14 p.m.

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Bruce Whitaker, Chair



## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte.  
Board of Directors

**From:** John Kennedy

**Staff Contact:** R. Fick/D. Swanson

**Budgeted:** N/A

**Budgeted Amount:** N/A

**Cost Estimate:** N/A

**Funding Source:** N/A

**Program/Line-Item No.:** N/A

**General Counsel Approval:** N/A

**Engineers Report:** N/A

**CEQA Compliance:** N/A

**Subject:** MONTHLY CASH CONTROL REPORTS

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### SUMMARY

The following monthly financial information is provided in the staff report.

#### Attachments:

- Summary Cash and Cash Equivalent Control Reports
- Summary of Reserves
- Summary Sources and Disbursements
- Sources of Funds
- Disbursement of Funds

### RECOMMENDATION

Agendize for March 20 Board meeting: Receive and file Summary Cash and Cash Equivalents Control Reports dated February 29, 2024.

### PRIOR RELEVANT BOARD ACTION(S)

Monthly

**ORANGE COUNTY WATER DISTRICT**  
**SUMMARY OF CASH AND CASH EQUIVALENTS CONTROL REPORT**  
**FOR THE PERIOD ENDED**  
**February 29, 2024**

TAB NO.	CASH AND CASH EQUIVALENTS	UNRESTRICTED	RESTRICTED	TOTAL
A	CASH ON HAND	2,700	-	2,700
B	CASH IN BANKS	Wells Fargo Checking	1,797,167	-
		US Bank Sweep	102,045	-
C	LAIF (Local Agency Investment Fund)	58,264,922	461,132	58,726,054
	Orange County Investment Pool	17,985,455	1,426,596	19,412,051
	Raymond James - Enhanced Savings Program	5,149,448	-	5,149,448
D	Revenue COP's - Payment/Interest Funds	-	19	19
	2019A GWRSFE Project Fund	-	122	122
	2021A PFAS Project Fund	-	2,688,976	2,688,976
E	INVESTMENTS	US Bank Investments (USBI)	240,421,093	-
		USBI GWRSFE Project Fund	-	-
		Swap Value Collateral (CITI Bank)	-	-
	GRAND TOTALS	→	323,722,830	4,576,844
				328,299,674

- A Petty Cash - held at the following District offices: Fountain Valley (\$1,700) and FHQ (\$1,000)
- B District's Checking Accounts
- C District's Money Market Accounts
- D Trust Debt Service Accounts
- E Custodial Investment Accounts - Managed in house

# ORANGE COUNTY WATER DISTRICT

## RESERVES

**For the Year to Date Period Ended February 29, 2024**

(Unaudited/Preliminary)

	Beginning Year Balance	Ending Balance As of 2/29/2024	Reserve Policy
<b><u>Operating Reserves</u></b>			
Replacement and Refurbishment Fund	96,066,263	104,307,207	85,440,000 (1)
Emergency Response Fund (formerly Toxic Clean Up Reserve)	4,000,000	4,000,000	4,000,000 (2)
G.W. Contamination Clean-up Funds (*)	18,626,531	18,318,522	18,318,522
Contingency Reserve	3,000,000	3,000,000	3,000,000 (3)
Water Reserve Fund	4,314,897	693,827	16,800,000 (4)
Paygo Fund	53,058,986	44,550,314	44,550,314 (5)
SRF Loan Reserve	2,037,351	2,037,351	2,037,351 (6)
Operating Reserve (15% of Op. Budget)	24,092,202	25,255,333	25,255,333 (8)
Operating Fund	84,330,076	121,560,276	71,097,095 (9)
<b>Total - Operating Reserves</b>	<b>289,526,306</b>	<b>323,722,830</b>	<b>270,498,614</b>
<b><u>Restricted Reserves</u></b>			
SWAP - Collateral Pledged	0	0	0 (10)
G.W. Contamination Clean-up Funds (*)	1,679,440	1,426,596	1,426,596
Environmental Remediation Fund	400,647	461,132	3,528,000 (7)
GWRSFE Project Fund	14,200	122	122 (11)
2021A PFAS Project Fund	16,016,885	2,688,976	2,688,976 (12)
Debt Payment Fund	235	19	19
<b>Total Restricted Reserves</b>	<b>18,111,407</b>	<b>4,576,844</b>	<b>7,643,712</b>
<b>Total Reserves</b>	<b>307,637,713</b>	<b>328,299,674</b>	<b>278,142,327</b>

- (1) Per Reserve Policy, projected Replacement & Refurbishment (R&R) cost as defined by District's R&R model.
- (2) Ensure adequate funds are available to contain and clean up catastrophic releases of chemicals or other substances that may contaminate the surface water or groundwater of the basin.
- (3) Set by the District Act to provide for expenditures that have not been anticipated in the annual budget.
- (4) The maximum upper limit is enough funds to purchase 50% of water needed to have an accumulated basin overdraft of 175,000 a.f. currently projected at \$16,800,000 (\$959/a.f. x 50% x (210,000/a.f. projected overdraft as of June 30, 2023 - 175,000/a.f. optimum overdraft)
- (5) Per Paygo budget transfer and drawdown from GWRSFE WIFIA short-term note.
- (6) Debt service reserve of \$2,037,351 or one years payment a requirement for the Fletcher Basin, La Palma Basin, Mid Basin and Alamitos SRF loans.
- (7) The Environmental Remediation Fund, for Prado shooting range, includes remediation and funding plans with a 30-year term expiring on April 30, 2047 initially set-up with an amount of \$4,000 per month and increasing \$400 per month annually.
- (8) The Operating Reserve Fund is established by the District Act and set at 15% of the operating budget.
- (9) Per the Reserve Policy, the District shall maintain a minimum of six months of annual General Fund and Debt Service budgeted appropriations currently \$97,834,000 General Fund and \$44,360,189 Debt Service.
- (10) The District is required to post collateral should the Swap value exceed the \$15 million threshold.
- (11) The District issued short-term debt of \$135 million to fund GWRSFE project which will be paid off by WIFIA loan.
- (12) The District issued short-term debt of \$104 million to fund PFAS project which will be paid off by WIFIA loan.

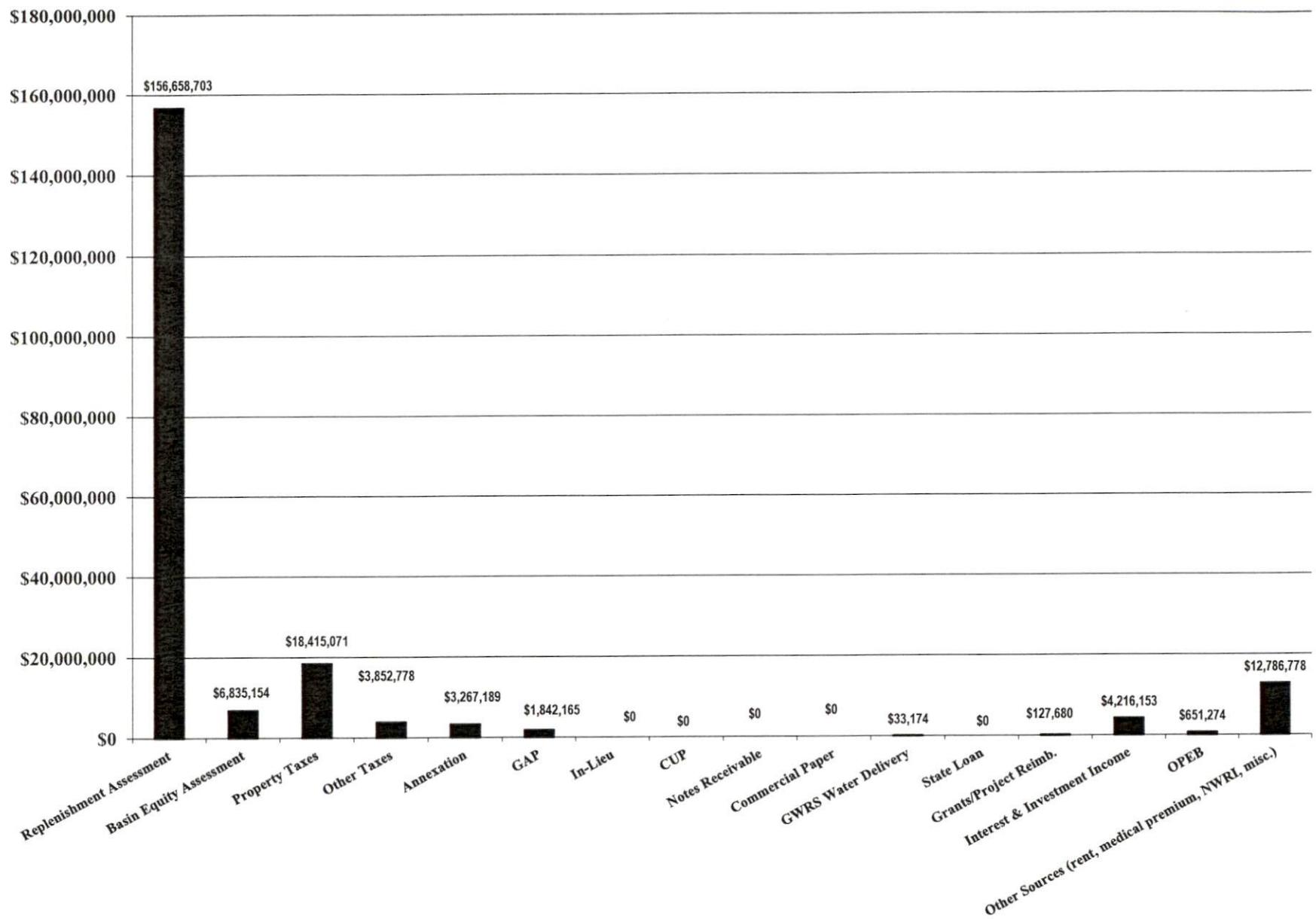
(\*) Detail available with Finance Department.

**ORANGE COUNTY WATER DISTRICT**  
**SUMMARY SOURCES AND DISBURSEMENTS**  
**YEAR TO DATE AS OF FEBRUARY 29, 2024**

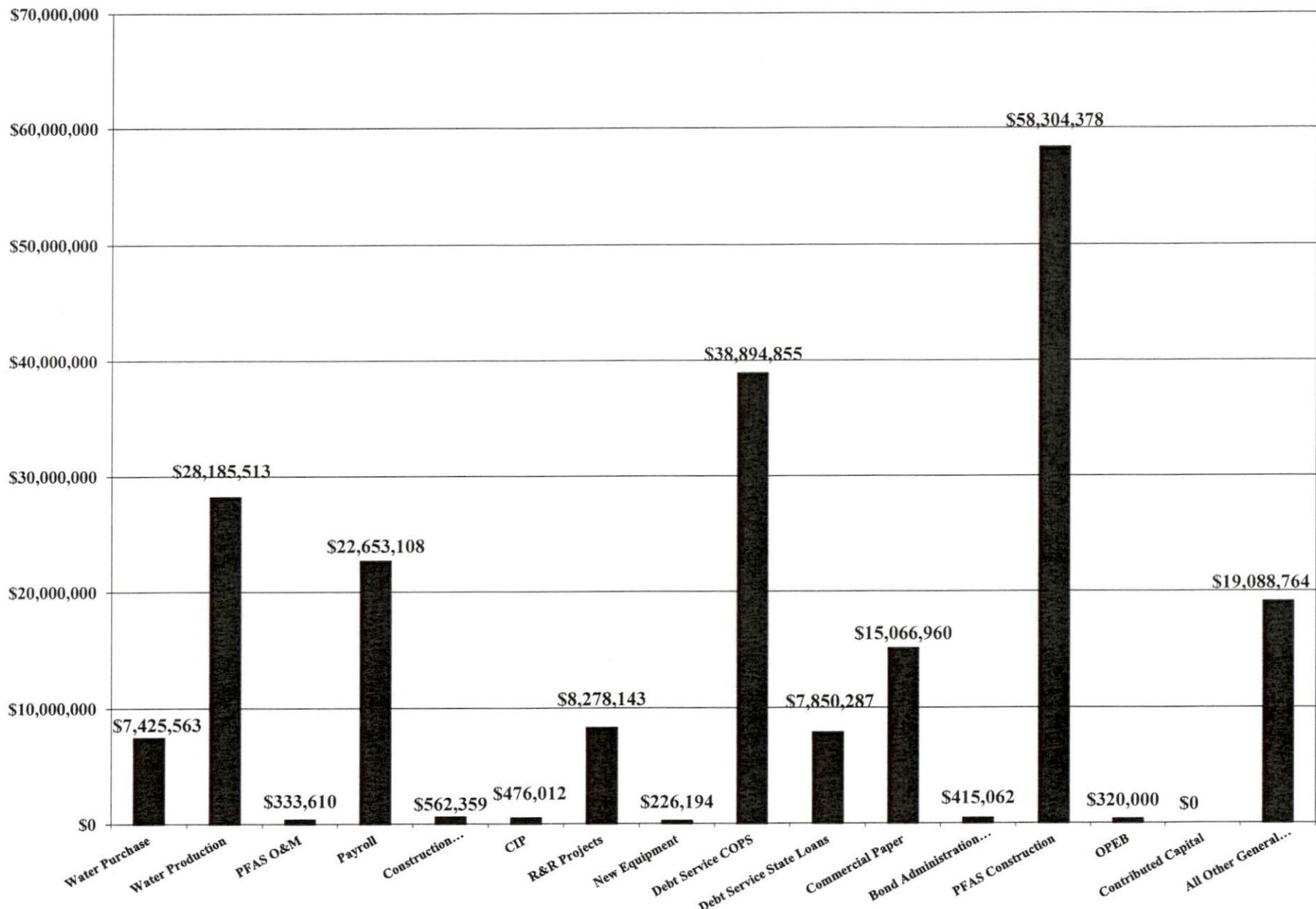
F	Sources (Cash basis)	July	August	September	October	November	December	January	February	March	April	May	June	YTD
	Replenishment Assessment	59,479,902	5,204,733	4,110	2,077	2,104	2,995	91,599,457	363,324					156,658,703
	Basin Equity Assessment	-	1,149,450	5,655,340	30,365	-	-	-	-					6,835,154
	Property Taxes	487,254	61,712	419,692	104,648	5,853,154	10,099,387	1,307,862	81,362					18,415,071
	Other Taxes	-	-	-	-	-	-	3,852,778	-					3,852,778
	Annexation	-	-	-	1,875,201	-	-	1,391,988	-					3,267,189
	GAP	156,296	390,925	196,186	478,007	131,827	419,939	-	68,986					1,842,165
	In-Lieu	-	-	-	-	-	-	-	-					-
	CUP	-	-	-	-	-	-	-	-					-
	Notes Receivable	-	-	-	-	-	-	-	-					-
	Commercial Paper	-	-	-	-	-	-	-	-					-
	GWRS Water Delivery	3,876	2,693	7,834	8,690	3,685	4,044	2,353	-					33,174
	State Loan	-	-	-	-	-	-	-	-					-
	Grants/Project Reimb.	1,707	-	21,958	744	1,955	72,320	2,509	26,486					127,680
	Interest & Investment Income	426,303	619,368	102,912	1,011,570	1,022,256	363,384	298,936	371,424					4,216,153
	OPEB	212,856	-	-	215,374	-	-	223,045	-					651,274
	Other Sources (rent, medical premium, NWRI, misc.)	424,915	10,484,877	106,580	923,072	303,585	159,200	233,208	151,340					12,786,778
	Total Sources	61,193,110	17,913,759	6,514,612	4,649,747	7,318,567	11,121,269	98,912,134	1,062,921	-	-	-	-	208,686,118
F-1	<u>Disbursements (Cash basis)</u>													
	Water Purchase	344,400	648,757	448,851	223,460	4,161,761	757,955	257,160	583,218					7,425,563
	Water Production	2,073,229	5,419,760	2,791,415	3,415,633	3,336,926	2,499,157	5,058,156	3,591,238					28,185,513
	PFAS O&M	-	-	165,217	-	-	168,393	-	-					333,610
	Payroll	2,618,165	2,586,181	2,687,145	3,855,297	2,570,749	2,608,567	2,819,235	2,907,768					22,653,108
	Construction (GWRSFE)	95,363	157,915	30,972	185,152	59,196	5,375	28,386	-					562,359
	CIP	107,633	11,413	6,776	-	67,562	57,635	29,256	195,736					476,012
	R&R Projects	1,209,592	197,208	635,682	473,541	1,130,844	1,313,679	1,855,842	1,461,753					8,278,143
	New Equipment	-	7,089	13,420	30,414	83,582	73,259	18,429	-					226,194
	Debt Service COPS	284,566	32,048,405	309,956	223,084	195,434	244,989	223,162	5,365,260					38,894,855
	Debt Service State Loans	-	-	211,268	-	-	7,639,020	-	-					7,850,287
	Commercial Paper	10,187,691	4,550,248	92,984	3,302	63,599	97,985	38,372	32,779					15,066,960
	Bond Administration Cost	118,533	7,362	2,102	125,347	27,042	14,722	116,464	3,491					415,062
	PFAS Construction	10,280,235	2,662,336	14,197,186	9,788,707	2,755,977	7,124,308	8,317,456	3,178,174					58,304,378
	OPEB	-	-	160,000	-	-	160,000	-	-					320,000
	Contributed Capital	-	-	-	-	-	-	-	-					-
	All Other General Fund Disbursements	4,343,166	2,283,221	2,019,461	2,850,212	2,019,917	1,880,568	1,860,727	1,831,492					19,088,764
	Total Disbursements	31,662,572	50,579,895	23,607,217	21,339,367	16,472,589	24,477,219	20,791,039	19,150,909	-	-	-	-	208,080,808

Note: Sources and Uses of district funds reflect both operating and capital funds. Operating funds consist of annual operating revenues or cash reserves.

**Orange County Water District**  
**Sources of Funds**  
**for the Year to Date Period Ended February 29, 2024**



**Orange County Water District**  
**Disbursement of Funds**  
**for the Year to Date Period Ended February 29, 2024**





## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte.  
Board of Directors

**From:** John Kennedy

**Staff Contact:** R. Fick/D. Swanson

**Budgeted:** N/A

**Budgeted Amount:** N/A

**Cost Estimate:** N/A

**Funding Source:** N/A

**Program/Line Item No:** N/A

**General Counsel Approval:** N/A

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

**Subject:** INVESTMENT PORTFOLIO HOLDINGS REPORTS

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### **SUMMARY**

The District's monthly Investment Portfolio Holdings Report is provided for Committee review.

Attachment: Investment Portfolio Holdings Reports dated February 29, 2024.

### **RECOMMENDATION**

Agendize for March 20 Board meeting: Receive and file the Investment Portfolio Holdings Reports dated February 29, 2024.

### **BACKGROUND/ANALYSIS**

The Investment Portfolio Holdings Report is a list of each of the District's fixed income investments and provides the market value at the end of each month. All securities within the District's Investment Portfolio are in compliance with the District's Statement of Investment Policy. The District's portfolio maturities provide cash liquidity sufficient to meet the District's projected six-month expenditures (as required by Government Code Section 53646).

Highlights of the current and previous report:

<b>Description</b>	<b>Prior Month</b>	<b>Current Month</b>
SWAP Value (in Citi's favor)	\$5,292,479	\$4,296,708
Required Collateral	None	None
Duration/Maturity	302 Days or 0.83 years	304 Days or 0.83 years
Rate of Return/Yield	3.464%	3.455%

- The yield on the one-year Treasury note as of the month end is at 5.01%; two-year at 4.64% and the five-year at 4.26%. The last Federal Open Market committee (FOMC) meeting was held on January 30-31, 2024. The FOMC kept the Federal fund rates steady at a 22-year high of 5.25% to 5.50%. This is the rate prime banks lend to each other.

## Orange County Water District Investment Portfolio Holdings Report

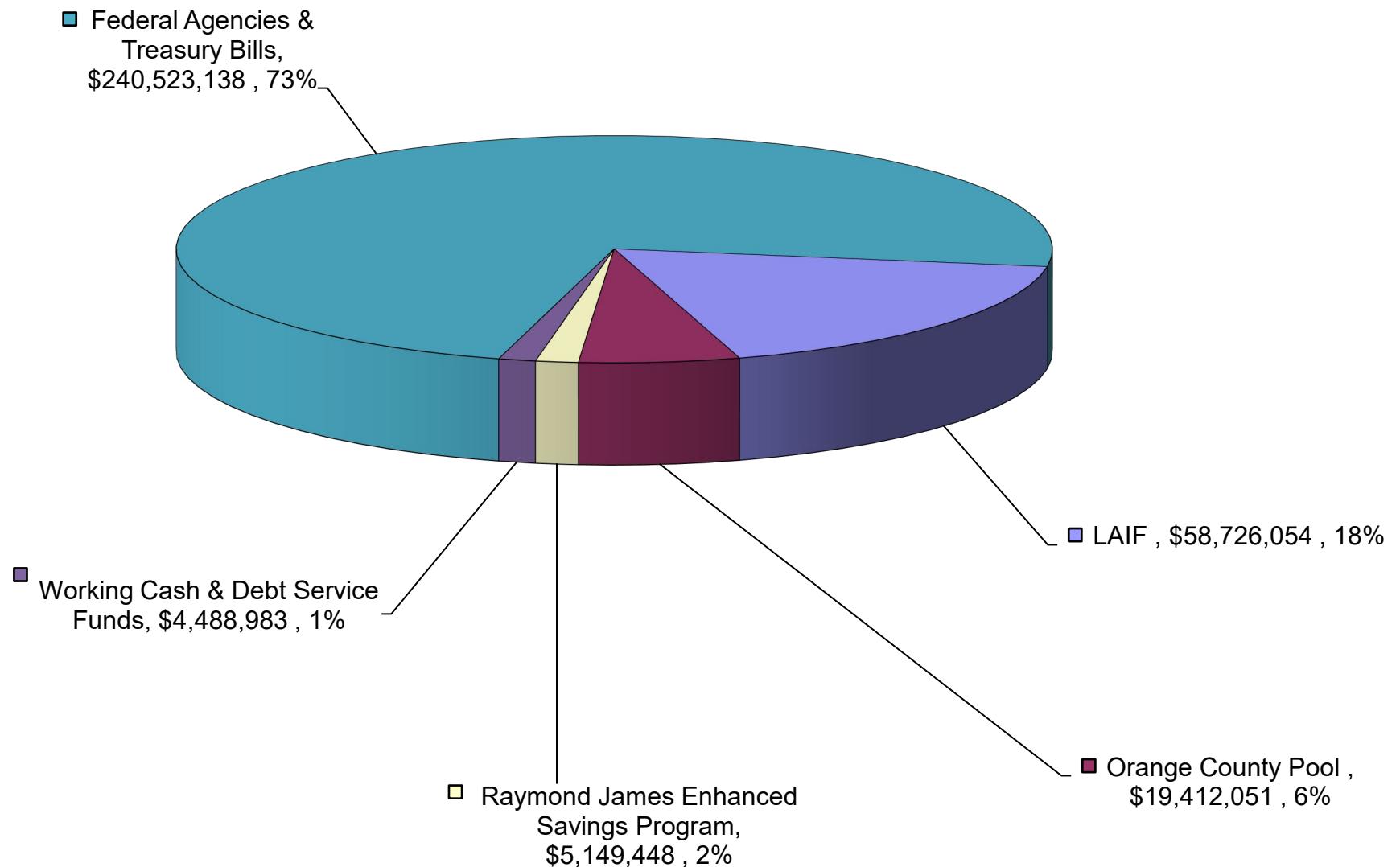
02/29/24

Trade Date	Purchase Date	Next Call	Maturity Date	Rating	Investment Type	Institution or Issuer	Par Amount	Disc Rate or Coupon	Yield to Maturity	Original Cost	Market Value 2/29/2024	Portfolio %	CUSIP Number
<b><u>Investment Pools</u></b>													
					Local Agency Invest Fund (LAIF) Orange County Invest Pool (OCIP)	State of California Treasury County of Orange	\$58,726,054 \$19,412,051	(JAN rate) (JAN rate)	4.012% 4.276%	(1) (1)	\$58,726,054 \$19,412,051	\$58,726,054 \$19,412,051	<b>18.14%</b> <b>5.99%</b>
					<b><u>Enhanced Savings Program</u></b>								
					Enhanced Savings Program	Raymond James	\$5,149,448	5.000%	5.000%		\$5,149,448	\$5,149,448	<b>1.59%</b>
					<b><u>Federal Agencies / SWEEP Treasury</u></b>								
10/05/23	10/05/23	03/21/24	03/21/24	AA+/Aaa	Treasury Bill	United States Government	\$10,860,000	5.260%	5.482%		\$10,593,423	\$10,828,072	
10/30/23	10/30/23	04/25/24	04/25/24	AA+/Aaa	Treasury Bill	United States Government	\$3,080,000	5.260%	5.490%		\$2,999,896	\$3,055,144	912797HG5
11/09/23	11/09/23	05/02/24	05/02/24	AA+/Aaa	Treasury Bill	United States Government	\$8,715,000	5.180%	5.402%		\$8,495,551	\$8,635,868	912797HCH3
11/13/23	11/13/23	05/09/24	05/09/24	AA+/Aaa	Treasury Bill	United States Government	\$3,070,000	5.200%	5.426%		\$2,991,067	\$3,039,085	912797HQ3
11/28/23	11/28/23	03/19/24	03/19/24	AA+/Aaa	Treasury Bill	United States Government	\$10,160,000	5.180%	5.353%		\$9,996,266	\$10,133,076	912797JJ7
12/19/23	12/19/23	06/06/24	06/06/24	AA+/Aaa	Treasury Bill	United States Government	\$11,900,000	5.090%	5.302%		\$11,613,970	\$11,732,924	912797HT7
12/27/23	12/27/23	04/23/24	04/23/24	AA+/Aaa	Treasury Bill	United States Government	\$2,300,000	5.180%	5.357%		\$2,260,949	\$2,282,106	912797JP3
01/18/24	01/18/24	05/23/24	05/23/24	AA+/Aaa	Treasury Bill	United States Government	\$5,300,000	5.115%	5.295%		\$5,205,117	\$5,235,976	912797HR1
01/31/24	01/31/24	07/15/24	07/15/24	AA+/Aaa	Treasury Bill	United States Government - Note	\$12,150,000	5.030%	5.030%		\$11,897,809	\$11,929,356	91282CCL3
02/01/24	02/01/24	08/01/24	08/01/24	AA+/Aaa	Treasury Bill	United States Government	\$1,900,000	4.920%	5.130%		\$1,852,741	\$1,858,580	912797JU2
02/08/24	02/08/24	07/05/24	07/05/24	AA+/Aaa	Treasury Bill	United States Government	\$11,200,000	5.032%	5.224%		\$10,968,304	\$10,997,952	912796Y52
					First American Treasury Obligations	Sweep	\$102,045	4.160%	4.160%		\$102,045	\$102,045	<b>24.65%</b>
11/10 & 11/17/20	11/24/20	05/24/24	11/24/25	AA+/Aaa	FHLB - qtrly call on/after 05/24/24	Federal Home Loan Bank - Step	\$6,000,000	0.375%	0.706%		\$6,000,000	\$5,664,240	
11/18/20	12/17/20	03/17/24	12/17/25	AA+/Aaa	FHLB - qtrly call on/after 03/17/24	Federal Home Loan Bank - Step	\$3,000,000	0.500%	0.918%		\$3,000,000	\$2,852,970	3130AKGT7
01/19/21	01/28/21	12/15/25	12/15/25	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$3,000,000	0.700%	0.596%		\$3,000,000	\$2,794,560	3130AKTL0
01/11/21	01/13/21	03/30/24	12/30/25	AA+/Aaa	FHLB - qtrly call on/after 03/30/24	Federal Home Loan Bank - Step	\$3,000,000	0.500%	0.806%		\$3,000,000	\$2,834,790	3130AKLV6
01/11/21	01/27/21	04/27/24	01/27/26	AA+/Aaa	FHLB - qtrly call on/after 04/27/24	Federal Home Loan Bank - Step	\$4,000,000	0.800%	0.618%		\$3,996,000	\$3,721,640	3130AKP42
02/19/21	02/22/21	01/28/26	01/28/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$5,000,000	0.700%	0.609%		\$5,000,000	\$4,637,350	3130AKQA7
02/09/21	02/26/21	05/26/24	02/26/26	AA+/Aaa	FHLB - qtrly call on/after 05/26/24	Federal Home Loan Bank - Step	\$3,000,000	0.625%	0.624%		\$3,000,000	\$2,777,700	3130AL6L3
03/15/21	03/16/21	08/11/24	02/11/26	AA+/Aaa	FHLB - qtrly call on/after 08/11/24	Federal Home Loan Bank - Bullet	\$6,000,000	0.580%	0.872%		\$5,916,000	\$5,548,320	3130AKXB7
03/02/21	03/23/21	03/23/26	03/23/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$6,000,000	1.000%	0.893%		\$6,000,000	\$5,579,520	3130ALJK1
04/19/21	04/22/21	04/22/24	04/22/24	AA+/Aaa	FHLB	Federal Home Loan Bank - Step	\$3,775,000	0.750%	0.499%		\$3,775,000	\$3,748,953	3130ALWT7
04/14/21	04/30/21	04/30/26	04/30/26	AA+/Aaa	FHLB - qtrly call on/after 04/30/24	Federal Home Loan Bank - Step	\$1,636,364	1.750%	1.242%		\$1,636,364	\$1,542,191	3130AM4K5
04/27 & 05/05/21	04/30 & 05/07/21	04/28/26	04/28/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$11,900,000	1.150%	1.022%		\$11,900,000	\$11,062,716	3130AMCW0
05/1/21	05/17/21	05/15/26	05/15/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$12,000,000	1.220%	0.963%		\$12,000,000	\$11,159,400	3130AMJ79
05/12/21	05/27/21	05/27/24	05/27/26	AA+/Aaa	FHLB - qtrly call on/after 05/27/24	Federal Home Loan Bank - Step	\$3,000,000	1.000%	1.093%		\$3,000,000	\$2,798,850	3130AMG22
05/13/21	05/27/21	05/27/26	05/27/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$3,000,000	1.300%	1.036%		\$3,000,000	\$2,793,360	3130AMK5C
05/17/21	05/27/21	05/27/24	05/27/26	AA+/Aaa	FHLB - qtrly call on/after 05/27/24	Federal Home Loan Bank - Step	\$3,000,000	1.500%	1.119%		\$3,000,000	\$2,803,410	3130AMLS4
05/18/21	05/27/21	05/27/24	05/27/26	AA+/Aaa	FHLB - qtrly call on/after 05/27/24	Federal Home Loan Bank - Step	\$3,000,000	0.700%	1.113%		\$3,000,000	\$2,803,440	3130AML91
05/19/21	06/03/21	06/03/26	06/03/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$5,000,000	1.100%	1.013%		\$5,000,000	\$4,635,500	3130AMN57
05/19/21	06/03/21	06/03/26	06/03/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$5,000,000	1.150%	1.031%		\$5,000,000	\$4,638,850	3130AMN24
05/19/21	06/03/21	06/03/26	06/03/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Step	\$5,000,000	1.125%	0.987%		\$5,000,000	\$4,638,150	3130AMN40
05/20/21	06/16/21	03/16/24	12/16/24	AA+/Aaa	FHLB - qtrly call on/after 03/16/24	Federal Home Loan Bank - Step	\$5,000,000	0.750%	0.659%		\$5,000,000	\$4,846,400	3130AMNU2
06/28/21	07/21/21	07/21/24	07/21/26	AA+/Aaa	FHLB - qtrly call on 07/21/24	Federal Home Loan Bank - Step	\$4,000,000	1.400%	1.115%		\$4,000,000	\$3,715,480	3130AN3X6
07/12/21	07/28/21	07/28/26	07/28/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$3,000,000	1.000%	0.898%		\$3,000,000	\$2,758,050	3130ANAT75
07/26/21	07/28/21	07/28/26	07/28/26	AA+/Aaa	FHLB	Federal Home Loan Bank - Bullet	\$10,000,000	1.000%	0.920%		\$10,000,000	\$9,193,500	3130ANGD6
09/14/23	09/14/23	03/05/24	03/05/24	AA+/Aaa	FHLB	Federal Home Loan Bank - Disc	\$1,750,000	5.305%	5.535%		\$1,705,386	\$1,748,723	313384XT7
11/02/23	11/02/23	03/21/24	03/21/24	AA+/Aaa	FHLB	Federal Home Loan Bank - Disc	\$9,200,000	5.290%	5.491%		\$9,010,736	\$9,171,756	313384UP2
11/28/23	11/28/23	04/01/24	04/01/24	AA+/Aaa	FHLB	Federal Home Loan Bank - Disc	\$10,000,000	5.240%	5.426%		\$9,818,056	\$9,953,400	313384VA4
12/07/23	12/08/23	06/05/24	06/05/24	AA+/Aaa	FHLB	Federal Home Loan Bank - Disc	\$3,000,000	5.150%	5.374%		\$2,922,750	\$2,958,180	313384XT1
01/31/24	01/31/24	09/10/24	09/10/24	AA+/Aaa	FHLB	Federal Home Loan Bank - Disc	\$10,000,000	4.750%	4.954%		\$9,705,764	\$9,726,800	313384F46
01/31/24	01/31/24	10/07/24	10/07/24	AA+/Aaa	FHLB	Federal Home Loan Bank - Disc	\$10,000,000	4.650%	4.854%		\$9,677,083	\$9,695,200	313384J75
02/15/24	02/15/24	09/16/24	09/16/24	AA+/Aaa	FHLB		\$5,255,000	5.030%	5.251%		\$5,097,873	\$5,106,967	<b>49.63%</b>
<b>Total Federal Agencies</b>							<b>\$250,253,409</b>			<b>\$247,127,648</b>	<b>\$240,523,138</b>	<b>74.28%</b>	
<b>Sub Totals</b>							<b>\$333,540,961</b>	<b>3.455%</b>	<b>\$330,415,201</b>	<b>\$323,810,691</b>		<b>100%</b>	
<b>Restricted / Debt Service Funds:</b>													
					Certificate Payment Fund	Series 2003A/2005B/2013A/2017AB	\$1	0.010%			\$1		
					PFAS Project Fund	Series 2021A	\$2,688,976	0.000%			\$2,688,976		
					Interest Fund	Series 2019CD	\$10	0.000%			\$10		
					Interest Fund/Redemption Fund	Series 2003A/2013A/2017A/2017B	\$8	0.010%			\$8		
					GWRSE Project Fund	Series 2019AB	\$122	0.010%			\$122		
							<b>\$336,230,078</b>				<b>\$326,499,807</b>		
<b>Investment Revenue FYTD</b>													
<b>Fair Market Value Adj.</b>													
<b>Unrestricted</b>													
<b>Restricted</b>													
<b>Investment Income</b>													
<b>Unrestricted</b>													
<b>Restricted</b>													
<b>4,630,528</b>													
<b>Unrestricted</b>													
<b>Restricted</b>													
<b>6,523,530</b>													
<b>Unrestricted</b>													
<b>545,952</b>													
<b>Total per G/L</b>													
<b>11,700,010</b>													
<b>Total</b>													
<b>\$328,299,674</b>													
<b>OCWD - Petty Cash</b>													
<b>Bank Balance (unreconciled)</b>													
<b>Wells Fargo - Checking</b>													
<b>0.000%</b>													
<b>\$2,700</b>													
<b>\$1,797,167</b>													

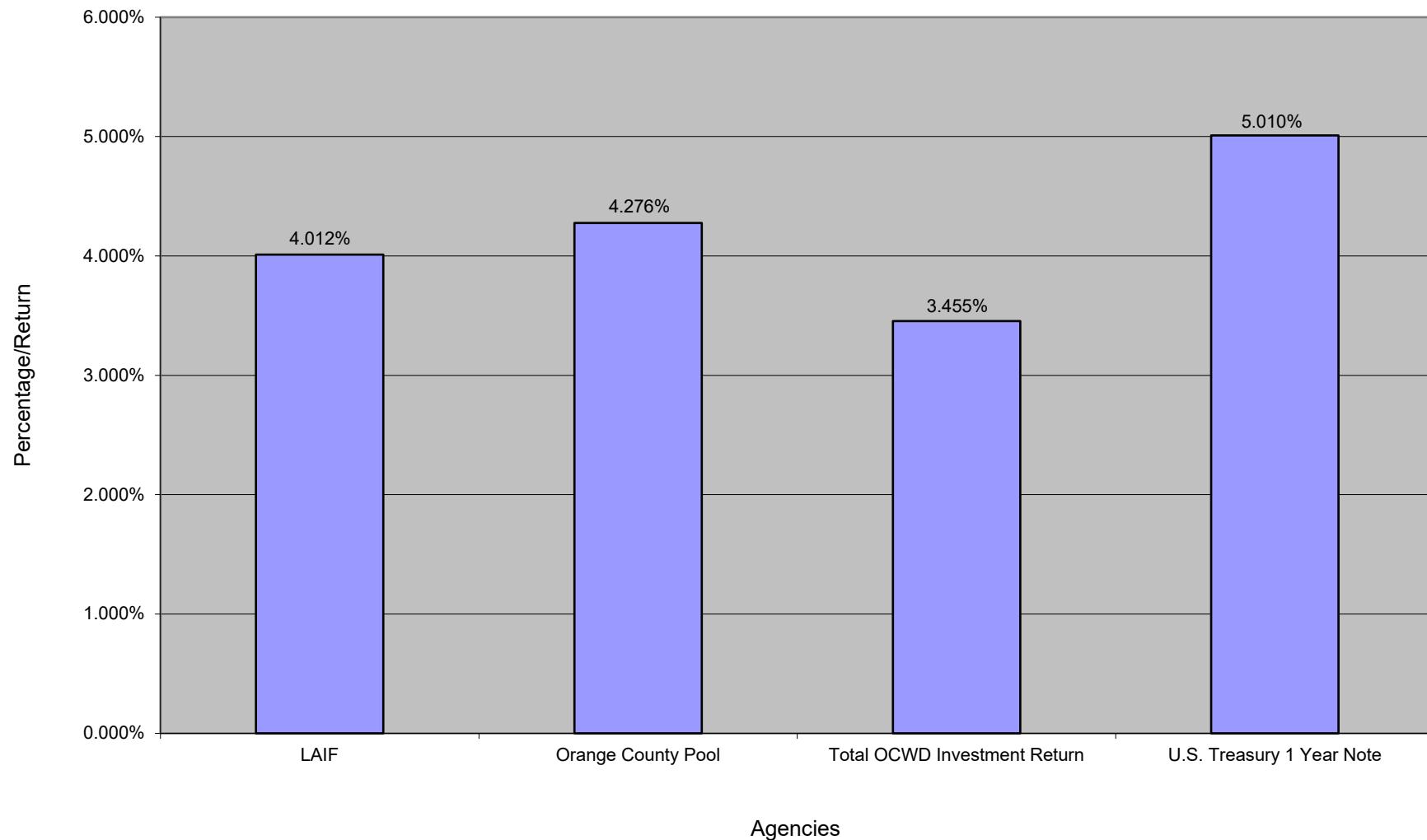
(1) Market value is as of the most recent quarter-end/month-end as reported by LAIF/OCIP/FCB. Security values are provided by Bloomberg Financial Markets and/or US Bank Investment Services.

Note: This Investment Summary Report is in conformity with OCWD's Investment Policy and provides sufficient liquidity to meet the next six months estimated expenditures.

## OCWD - Investment Portfolio as of February 29, 2024

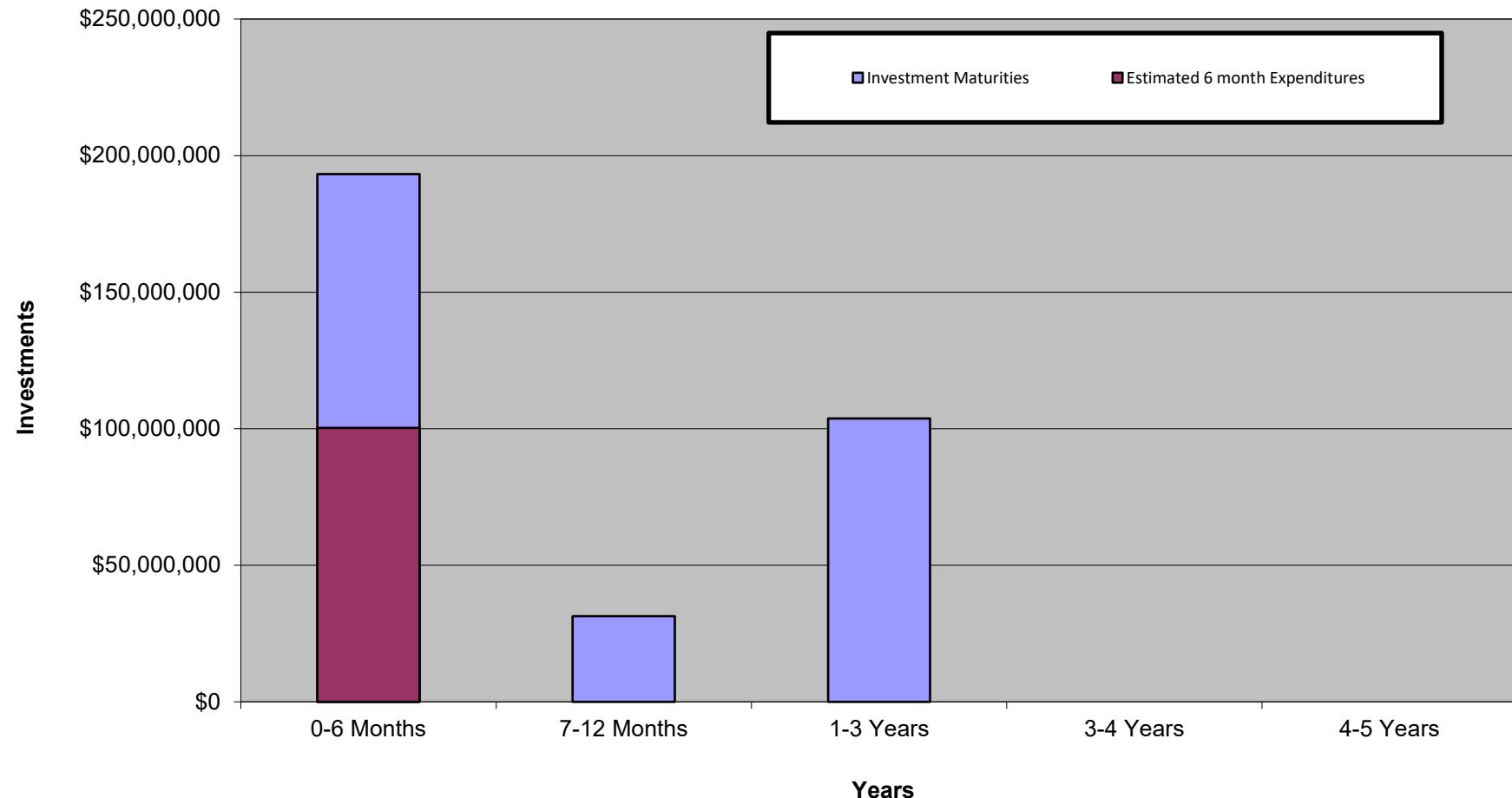


## OCWD - Investment Return Comparison for the Month Ended 02/29/24



Note: LAIF and Orange County Pool rates are as of January 31, 2024.

**OCWD - Investment Maturities  
as of February 29, 2024**





## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte  
Board of Directors

**From:** John Kennedy

**Staff Contact:** B. Dosier / V. Nguyen

**Budgeted:** Yes

**Budgeted Amount:** \$109,980 (FY 2024/2025)

**Cost Estimate:** \$607,707 over 5 years

**Funding Source:** General Fund

**Program/ Line Item No.:** 1016.57004

**General Counsel Approval:** N/A

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

**SUBJECT: IBM MAXIMO SOFTWARE SUBSCRIPTION AND SUPPORT RENEWAL**

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### SUMMARY

The District uses the IBM Maximo Computerized Maintenance and Asset Management System (Maximo) to support the District's Water Production group to manage the assets of the Groundwater Replenishment System (GWRs) Advanced Water Purification Facility (AWPF) and the Groundwater Recharge Operations at the Forebay in Anaheim (Forebay). The annual Software Subscription and Support (S&S) for Maximo terminates on March 31, 2024 and is due for renewal.

Attachment: IBM Quotation

### RECOMMENDATION

Agendize for March 20 Board meeting: Authorize issuance of Purchase Order to IBM for Maximo Application Suite Subscription Upgrade in the amount of \$606,707 (\$109,980 the first year and increasing 5% annually) for a period of 5 years beginning April 1, 2024 through March 31, 2029.

### BACKGROUND/ANALYSIS

Since 2005, District staff has used Maximo to support the District's Water Production group to manage the assets of the GWRs AWPF and the Forebay. Maximo is used for planning, scheduling, and managing work orders and to track and monitor maintenance related issues, and is integrated with the District's Financial Information System, JD Edwards EnterpriseOne. IBM owns the source code to the Maximo system and is the only authorized provider of support services. Since implementing Maximo in 2005, the District has consistently maintained and kept current with the S&S. The current twelve-month S&S terminates on March 31, 2024.

The version of Maximo currently used by the District (version 7.6.1.x) will no longer be supported by IBM after September 2025, after which, the District must have either upgraded to IBM's most current version of its software, *Maximo Application Suite 8.0* (MAS), or pay IBM for extended support on version 7.6.1x. With the release of MAS, IBM

has changed its licensing metric to a points-based system, simplifying Maximo licensing, and dropped the term “support” calling it just “subscription” (although support is included). To move forward with MAS, IBM requires the District to purchase a subscription license upgrade, which entitles the District to upgrade to MAS, along with support for MAS. The cost to the District this year is \$109,980 for the MAS subscription license upgrade, which is about a \$20,000 increase from the \$89,875 anticipated for S&S.

IBM typically increases annual fees by approximately 10%. In the past, staff has renewed S&S annually and has been able to negotiate reduced fee increases of 7%, however, it isn’t guaranteed that IBM would agree to future reductions in its annual fee. This year staff is recommending a 5-year support period for the subscription to take advantage of substantial cost savings IBM will provide by limiting annual increases to 5% during the subscription term. With a subscription cost this year of \$109,980 and the annual increase limited to 5% for years 2-5, the total for 5 years would be \$607,707 versus \$671,439 if purchased annually with 10% increase per year, resulting in a savings of \$63,732. Payment for the subscription occurs annually and is not payable all at once.

Savings summary for a five-year support period versus five (5), one-year support periods:

Year	5 Year Cost 5% Increase	1 Year Cost 10% Increase	Savings
1	\$109,980	\$109,980	\$0
2	\$115,479	\$120,978	\$5,499
3	\$121,252	\$133,076	\$11,824
4	\$127,315	\$146,383	\$19,068
5	\$133,681	\$161,022	\$27,341
	<b>\$607,707</b>	<b>\$671,439</b>	<b>\$63,732</b>

Public sector organizations can file for tax exemption status if product delivery is completed exclusively by electronic methods. The district would not pay sales tax for this subscription.

Should the District choose to stay on version 7.6.1, the cost for extended support is estimated by IBM to be about \$774,000 over a 5-year period, about \$166,300 more than the 5-year subscription.

Purchasing the subscription upgrade this year ensures enough time to plan and upgrade the software to MAS 8.0 prior to the District’s current version losing support.

As a 5-year agreement is the most cost-effective option provided by IBM to upgrade to MAS 8.0, staff recommends authorizing issuance of a Purchase Order to IBM for Maximo Application Suite Subscription Upgrade in the amount of \$606,707 (\$109,980 the first year and increasing 5% annually) for a period of 5 years beginning April 1, 2024 through March 31, 2029.

On February 16, 2022, the Board authorized issuance of an agreement to IBM for Maximo Software Subscription and Support renewal commencing with two additional annual renewals for a total of three years ending March 2025, not to exceed a 7% increase per

year. However, since the cost of the subscription upgrade has increased above 7%, staff is bringing the item to the Board for approval.

Subscription consists of the following:

### **Entitlement to new licensing**

Entitlement to Maximo Application Suite.

### **Program updates and fixes**

Support includes software fixes, security patches, feature packs, incremental enhancements which IBM made available to the supported customers for download at no additional license fee. The fixes and patches can be required for a variety of reasons, including system errors and upgrades in the database management system, the operating system or the hardware server architecture or for cybersecurity purposes.

### **Major product and technology releases**

Support includes minor and major releases of software including general maintenance releases, selected functionality releases, and documentation updates. This allows the District to upgrade the Maximo Computerized Maintenance system as new versions become available without additional cost for the software, as appropriate, allowing the District to take advantage of enhanced functionality designed into newer versions.

District staff typically performs several upgrades during the year. During the upgrade and testing phase, staff has downloaded many versions and fixes, and has worked with IBM technical support.

### **Technical support**

IBM Software Subscription and Support includes technical support for assistance with IBM Maximo software issues, new deployment, migration, troubleshooting, and code questions. Staff is entitled to access Service Requests and Problem Management Report (PMR) for rapid response to severity 1 issues - 24 hours per day, 7 days a week.

### **Access to web-based support**

IBM Software Subscription and Support includes access to the online knowledgebase via Knowledge Centers, forums, Redbooks, Technotes, and tools that contains fixes and solutions in a searchable format 24 x 7. Staff uses this tool to search for solutions without always contacting support directly, or to search for documentation that is not available elsewhere.

## **PRIOR RELEVANT BOARD ACTION(S)**

February 16, 2022, R022-2-18 Authorize issuance of Agreement to IBM for Maximo Software Subscription and Support renewal in the amount of \$78,112 for system updates commencing April 1, 2022 through March 31, 2023, with two additional annual renewals (for a total of three years ending in March 2025), not to exceed a 7% increase per year

March 20, 2019, R019-3-46 Authorize issuance of Agreement to IBM for Maximo Software Subscription and Support renewal in the amount of \$63,925 for system updates commencing April 1, 2019 through March 31, 2020, with two additional annual renewals (for a total of three years ending in March 2022), not to exceed a 7% increase per year

February 21, 2018, R018-2-17 Authorize issuance of Agreement to IBM Maximo Software Subscription and Support in the amount of \$59,800 for system updates commencing April 1, 2018 through March 31, 2019

March 15, 2017, R017-3-39 Authorize issuance of Agreement to IBM Maximo Software Subscription and Support in the amount of \$55,889 for system updates commencing April 1, 2017 through March 31, 2018

May 20, 2015, R015-5-69 Authorize issuance of Agreement to Interloc Solutions for an amount not to exceed \$497,100 for Programming Services for the Maximo Computerized Maintenance Management System Upgrade

February 20, 2008, R08-2-25 Authorize execution of Professional Services Agreement with Synoptek in the amount of \$399,450 for Programming Services for the integration of Maximo Computerized Maintenance Management System with JD Edwards Financial Information System

October 17, 2007, M07-145 Authorize issuance of Request for Proposals for Programming Services for the Integration of the Maximo Computerized Maintenance Management System with the JD Edwards Financial Information System to assist staff with the development of the Integrated Information System.

July 18, 2007, R07-7-94 Authorize execution of agreement with Datamatics Consultants, Inc. for an amount not to exceed \$333,080 for Programming Services for the Integration of the Maximo Computerized Maintenance Management System with the JD Edwards Financial Information System to assist staff with the development of the Integrated Information System.

July 20, 2005, R05-7-78 Authorize issuance of a purchase order to Key Information Systems Inc. for \$128,229 for Integrated Information System hardware and support services to support the Computerized Maintenance Management System.

March 2, 2005, M05-25 Authorize the issuance of a Purchase Order to MRO Software for \$365,460 for Computerized Maintenance Management Software; and Authorize issuance of a Professional Service Agreement to MRO Software for a lump sum not to exceed \$850,000 for Software Support Services.



## IBM Quotation

Attn: Vickie Nguyen  
CA Orange County Water District  
18700 Ward Street  
FOUNTAIN VALLEY CA 92708-6930  
UNITED STATES

IBM Site Number: 7396857  
IBM Agreement Number: 118941  
IBM Customer Number: 6771530

Dear Vickie Nguyen

Thank you for being an IBM Client. We are delighted to provide this quote for IBM offerings.

Worldwide, companies like yours are increasingly demanding more from their information technology infrastructure, increased flexibility, scalability and agility to meet changing business needs. At the same time, they want reduced cost, rapid deployment and investment recovery.

Over the years, our products, services and solutions capabilities have given our Clients the reliability, availability, security, and manageability to improve operations and achieve efficiency while accommodating growth at reduced cost. These characteristics have been and will remain fundamental to the IBM portfolio.

Unless specifically agreed herein or in another signed agreement in writing between you and IBM, the licenses for the Programs and S&S acquired under this Quote / Agreement may not be used to settle or resolve any software license non-compliance by you that occurred prior to the Start Date of this Agreement. Further, unless otherwise agreed to by the parties in writing, the licenses for the Programs and S&S acquired under this Quote / Agreement may not be used as authorization to deploy the Programs prior to the date of your order against this Quote / Agreement. For more information about eligibility and reporting requirements for sub-capacity licensing, please visit <https://www.ibm.com/software/passportadvantage/subcaplicensing.html> and for more information about eligibility and reporting requirements for container licensing, please visit: <https://www.ibm.com/software/passportadvantage/containerlicenses.html>.

This quotation is valid from 09-Feb-2024 and will expire on 29-Mar-2024.  
We look forward to your order.

If you need assistance with placing your order or wish to discuss your quotation, please contact the IBM Representative noted below.

Yours sincerely,

MATT Simmons  
Phone Number: 1-720-308-4641  
Fax Number:  
E-mail Address: masimmon@us.ibm.com

## IBM Quotation

### Quotation Information

Number: 19767927  
Effective Date: 09-Feb-2024  
Expiration Date: 29-Mar-2024

### Customer Information

Attn: Vickie Nguyen  
CA Orange County Water District  
18700 Ward Street  
FOUNTAIN VALLEY CA 92708-6930  
UNITED STATES

### Sales Representative

IBM Contact: MATT Simmons  
Phone Number: 1-720-308-4641  
E-mail Address: [masimmon@us.ibm.com](mailto:masimmon@us.ibm.com)

IBM Site Number: 7396857  
IBM Customer Number: 6771530  
IBM Agreement Number: 118941

### Summary

Current Transaction:

Software	607,706.94
Estimated Tax	0.00
<b>Total</b>	<b>607,706.94 USD</b>

### Current Transaction

#### Software **607,706.94 USD**

#### IBM Maximo Application Suite per AppPoint Subscription License Upgrade

Subscription Part#: D28B5LL  
Billing: Annual  
Unit Price: 486.64

Subscription Length: 60 Months  
Price Change within Subscription: Increase 5.000 % every 12 Months  
Renewal Type: Expires at end of Subscription

Line Item	Quantity	Month	Subscription Rate	Line Item Price
1	226	1-12	109,979.64	109,979.64
2	226	13-24	115,478.62	115,478.62
3	226	25-36	121,252.55	121,252.55
4	226	37-48	127,315.18	127,315.18
5	226	49-60	133,680.94	133,680.95
<b>Subtotal</b>				<b>607,706.94 USD</b>

### Notes

Applicable tax will be recalculated at the time of order processing.

IBM acceptance of the order is subject to credit approval.

Upon placing your order, please supply a Purchase Order or, if not PO driven, a signed Firm Order Letter. The Purchase Order value must cover the applicable charges for a minimum of one year. If the Total Term is less than one year, the Purchase Order value must cover the Total Commit Value.

## PAYMENT SCHEDULE PAGE

This is an estimate of payments, final determination of billing dependent on order date.

Month	Setup Products and Services	Subscription	Total
1	0.00	109,979.64	109,979.64
13	0.00	115,478.62	115,478.62
25	0.00	121,252.55	121,252.55
37	0.00	127,315.18	127,315.18
49	0.00	133,680.95	133,680.95
<b>Total in USD</b>	<b>0.00</b>	<b>607,706.94</b>	<b>607,706.94</b>

## IBM Terms and Conditions

### IBM International Passport Advantage Agreement

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IBM Customer Number: 6771530



## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte  
Board of Directors

**From:** John Kennedy

**Staff Contact:** M. Patel/R. Fick

**Budgeted:** Yes

**Budgeted Amount:** \$7,955,000

**Cost Estimate:** \$7,514,380

**Funding Source:** General Fund

**Program/Line Item No.:** 1050.54001

**General Counsel Approval:** N/A

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

**Subject:** **AMENDMENT NO.1 TO AGREEMENT NO.1564 WITH JCI JONES CHEMICALS FOR SUPPLY AND DELIVERY OF SODIUM HYPOCHLORITE**

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### SUMMARY

JCI Jones Chemicals Inc. (JCI Jones) was awarded chemical agreement No.1564 for the supply and delivery of sodium hypochlorite at a rate of \$1.7219/gallon. According to the California Department of Pesticide Regulation, a Mill Assessment Fee is required on all pesticide sales. Sodium hypochlorite is considered a registered pesticide. In JCI Jones proposal the Mill Assessment Fee was not included and not requested as part of the Request for Proposal. Staff recommends a rate increase, effective January 1, 2024, to December 31, 2024, to include this required Mill Assessment Fee, which would increase the current sodium hypochlorite rate to \$1.7581/gallon.

### Attachments:

- Department of Pesticide Regulation – Mill Assessment
- Revised JCI Pricing including Mill Assessment

### RECOMMENDATION

Agendize for March 20 Board meeting: Authorize issuance of Amendment No.1 to Agreement No.1564 with JCI Jones Chemical Inc., effective from January 1, 2024, to December 31, 2024, for a revised sodium hypochlorite rate of \$1.7581/gallon.

### BACKGROUND/ANALYSIS

According to the California Department of Pesticide Regulation (DPR), a Mill Assessment of 2.1 cents on each dollar of sale of registered pesticides is due the DPR. Sodium hypochlorite is a registered pesticide.

In November 2023, staff issued Request for Proposals for the five bulk chemicals: hydrogen peroxide, citric acid, sodium hypochlorite, sulfuric acid and caustic soda. Table 1 includes the results for sodium hypochlorite and includes the revised price of sodium hypochlorite. The Mill Assessment was not included as part of the Request for Proposal for sodium hypochlorite nor included in JCI Jones price of \$1.7219 per gallon price. Including this mandatory Mill Assessment increases the price per gallon increased to \$1.7581.

Table 1

Vendor	Old Price/Unit	New Price/Unit	Revised New Price/Unit
JCI Jones		\$1.7219/gal	\$1.7581/gal
Olin Corporation	\$2.15/Gal	\$2.15/gal	
Univar USA, Inc.		No Bid	

Based on the revised pricing shown in Table 1, a projection for the total cost of sodium hypochlorite to be purchased for fiscal year 2023-2024 compared with budgeted amounts is shown in Table 2. The projections consider actual chemical usage from July to September of the current fiscal year.

Table 2

Chemical	Budgeted FY23-24	Estimated Cost for FY 23-24 Based on New Price	Estimated Cost for FY 23-24 Based on New Price with adjustment
Sodium Hypochlorite	\$7,955,000	\$7,399,000	\$7,514,380

### **PRIOR RELEVANT BOARD ACTION(S)**

12/20/23 R23-12-167 - Authorize issuance of the following Agreements to vendors for the purchase of water treatment chemicals:

- 1) Hydrogen Peroxide: Brenntag Pacific, Inc. @ \$500/ton
- 2) Citric Acid: Brenntag Specialties, Inc. @ \$1,214/ton
- 3) Sodium Hypochlorite: JCI Jones @ \$1.7219/gal. (one year only)
- 4) Sulfuric Acid: Univar Solutions USA @ \$226/ton (one year only)
- 5) Caustic Soda (sodium hydroxide): Brenntag Pacific, Inc. @ \$676/ton

12/21/22 R22-12-177 - Authorize issuance of the following Agreements to vendors for the purchase of water treatment chemicals:

- 1) Hydrogen Peroxide: USP Technologies @ \$545/ton
- 2) Citric Acid: Brenntag Specialties, Inc. @ \$2760/ton
- 3) Sodium Hypochlorite: Olin Corporation @ \$2.15/gal. (one year only)
- 4) Sulfuric Acid: Univar Solutions USA @ \$248/ton (one year only)
- 5) Caustic Soda (sodium hydroxide): Univar Solutions USA @ \$864/ton

12/15/21 R21-12-179 - Authorize issuance of the following Agreements to vendors for the purchase of water treatment chemicals:

- 1) Hydrogen Peroxide: USP Technologies @ \$435.89/ton
- 2) Citric Acid: Brenntag Specialties, Inc. @ \$3260/ton (quarterly price protection)
- 3) Sodium Hypochlorite: Olin Corporation @ \$1.30/gal. (one year only)
- 4) Sulfuric Acid: Univar Solutions USA @ \$198/ton (one year only)
- 5) Caustic Soda (sodium hydroxide): Univar Solutions USA @ \$784/ton

12/16/20 R20-12-169 - Authorize issuance of the following Agreements to vendors for the purchase of water treatment chemicals:

- 1) Brenntag Pacific; hydrogen peroxide, at \$425/ton with a 3% 10 net 30 term discount, to commence on January 1, 2021,
- 2) Brenntag Pacific citric acid, at \$870/ton with a 3% 10 net 30 term discount, to commence on January 1, 2021,
- 3) Olin Chlor Alkali Products for sodium hypochlorite, at \$0.74/gal to
- 4) Univar USA, sulfuric acid, at \$151/ton, with a 2% 10 net 30 term discount, to commence on January 1, 2021,
- 5) Brenntag Pacific caustic soda, at \$490/ton with a 2% 10 net 30 term discount,
- 6) American Water Chemicals for supply and delivery of RO antiscalant at \$0.869/lb, to commence on January 1, 2021, and terminate on June 30, 2021

10/19/19 R 19-10-153 - Authorize issuance of Amendment No. 2 for each of the following Agreements to vendors for the purchase of water treatment chemicals:

- 1) Brenntag Pacific - hydrogen peroxide, at \$425/ton (which is reduced from current price of \$435/ton) with a 3% 10 net 30 term discount
- 2) Brenntag Pacific -- citric acid, at \$850/ton (which is reduced from current price of \$860/ton) with a 3% 10 net 30 term discount,
- 3) Olin Chlor Alkali Products - sodium hypochlorite, at \$0.71/gal (an increase of 3% due to an increase in fuel and raw material costs)
- 4) Univar USA, Inc., - sulfuric acid, at \$145/ton (no increase), with a 2% 10 net 30 term discount, to commence on November 1, 2019,
- 5) Brenntag Pacific caustic soda, at \$590/ton (which is reduced from current price of \$610/ton) with a 2% 10 net 30 term discount



# Department of Pesticide Regulation



Brian R. Leahy  
*Director*

Edmund G. Brown Jr.  
*Governor*

## Mill Assessment Frequently Asked Questions and Answers

### What you need to know about the mill assessment:

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#### 1. What is the Pesticide Mill Assessment?

California assesses a "mill assessment" fee on sales of the Department of Pesticide Regulation (DPR) registered pesticides. A mill is equal to one-tenth of a cent. The maximum assessment rate is set by statutes in California Food and Agricultural Code (FAC) sections 12841/12841.1. The Director sets the actual rate by regulation in Title 3 of the California Code of Regulations (3 CCR) section 6386 (Established Rate). The assessment rate is currently set at 21 mills, or 2.1 cents on each dollar of sales. There is also an additional assessment on the sale of agricultural use pesticides. Further information on the current rate can be found on DPR's Web site.

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#### 2. How is agricultural use pesticides assessed differently than other pesticides?

An additional 0.75 mill (\$0.00075) assessment per dollar of sales is collected by DPR pursuant to FAC section 12841.1(a). FAC section 12841.1(a) requires an additional assessment be collected on sales of all pesticides, except those labeled solely for home, industrial, or institutional use. Therefore, a pesticide label that contains any "agricultural use" sites and applications will be subject to the additional mill assessment.

Agricultural use pesticides are labeled for the production of an agricultural commodity. An agricultural commodity, as defined in 3 CCR section 6000, "means an unprocessed product of farms, ranches, nurseries, and forests (except livestock, poultry and fish). Agricultural commodities include fruits and vegetables; grains, such as wheat, barley, oats, rye, triticale, rice, corn and sorghum; legumes, such as field beans and peas; animal feed and forage crops; rangeland and pasture; seed crops; fiber crops such as cotton; oil crops, such as safflower, sunflower, corn, and cottonseed; trees grown for lumber and wood products; nursery stock grown commercially; Christmas trees; ornamentals, and cut flowers; and turf grown commercially for sod."

Also, statements that include uses such as rights-of-way, golf courses, cemeteries, parks, and waterways are agricultural uses. Expressing the application rate in pounds/gallons per acre on the label is also an indication the pesticide is for agricultural use. A thorough discussion of agricultural vs. non-agricultural use pest control is found on DPR's Web site at: [https://www.cdpr.ca.gov/docs/enforce/compend/vol\\_8/chapter1.pdf](https://www.cdpr.ca.gov/docs/enforce/compend/vol_8/chapter1.pdf). Refer to Section 1.1.

## Frequently Asked Questions and Answers

### What You Need to Know About Mill Assessments

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#### 3. Where do mill assessment fees go?

The mill assessment is collected by DPR, with some funds distributed to the California Department of Food and Agriculture (CDFA) and the County Agricultural Commissioners (CACs) as discussed below.

##### Department of Pesticide Regulation

Mill assessment revenues are placed in the *Department of Pesticide Regulation Fund* pursuant to FAC section 12841(g) and used to pay for the state's pesticide regulatory program. DPR's programs are funded mainly from fees on pesticide registrations, professional licenses, and from the mill assessment.

##### California Department of Food and Agriculture (CDFA)

The additional 0.75 mill (\$0.00075) assessment per dollar of sales on agricultural use pesticides goes entirely to CDFA for funding the activities of its Consultation and Analysis Unit (CAU). DPR confers with the CAU on certain pesticide related regulatory actions and the CAU serves in a liaison capacity between DPR and the agricultural industry.

##### County Agricultural Commissioners (CACs)

An amount equal to the revenue derived from 7.6 mills per dollar of sales is allocated to the CACs as reimbursement for costs incurred by them in the local enforcement of pesticide laws and regulations. In California, local pesticide enforcement is carried out, in large part, by the CACs in nearly all of the 58 counties. The CACs have joint authority with DPR in the enforcement of pesticide laws and regulations.

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#### 4. Who is responsible for reporting pesticide sales in California and how do they pay the mill assessment?

In general, the registrant is always responsible for reporting sales and paying mill assessment when they have knowledge, at the time of sales, the pesticide is being sold in California. However, if the registrant does not have knowledge at the time of sale, the party that is the first to sell the pesticide in California is responsible for reporting and paying the mill assessment. If a party other than the registrant is the first to sell a pesticide into or within California, this first seller party must obtain either a pesticide broker or a pest control dealer license (whichever is appropriate) from DPR.

The mill assessment program is a self-assessment system. Each quarter, DPR issues mill assessment-reporting forms to registrants, and to "licensed" pesticide brokers and dealers. This includes a "Report of Pesticide Sales in California" and "Report of Pesticide Mill Assessments in California" pursuant to FAC section 12843. That is why it is so important that all firms that are first sellers of pesticides into and within California are licensed. Without the ability to track all pesticide sellers, it is impossible to ensure an equitable marketplace where all pay their fair share.

## **Frequently Asked Questions and Answers What You Need to Know About Mill Assessments**

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### **5. Do registrants, pesticide brokers, and pesticide dealers need to send a report to DPR if they had no sales?**

Yes. They are responsible for reporting all sales each quarter of their registered pesticides, including zero sales. Complete the mill assessment form showing no sales were made for the quarter by writing "none" or "0," then sign and mail by the due date.

### **6. Is there a penalty for a late or deficient mill assessment payment?**

Yes. FAC section 12843 provides that the DPR director add a penalty of 10 percent of the amount that is due. See also 3 CCR section 6382 (Penalties).

### **7. What pesticide sales are subject to reporting and mill assessment?**

Sales of registered pesticides sold for use in California unless exempted by FAC section 12841(d)(2) or 3 CCR section 6384 (Exemptions).

#### Manufacturing Use Products

FAC section 12841(d) (2) exempts manufacturing use only products from the mill assessment. A product is not for manufacturing use if the label contains directions for end use. It must also state the product can be used only for the manufacture or formulation of another pesticide. The mill assessment is collected on the sale of the new end-use product.

#### 3 CCR Section 6384

When a pesticide (active ingredient) is sold to a purchaser for a non-pesticidal use and the invoice clearly identifies its specific intended (non-pesticidal) use, then that sale is not subject to the mill assessment. A statement such as, "Not For Use as a Pesticide" does not clearly identify a specific intended use and does not qualify for an exemption from the mill assessment. A pesticide may only be sold or used in accordance with the registered label.

### **8. Do raw materials being formulated into a Manufacturing Use Product (MUP) within the state of California require registration?**

If the raw material is registered at U.S. EPA as a pesticide, then it must be registered in California before being delivered or sold into California for use in the formulation of any pesticide (MUP or End Use) within the state.

### **9. If a U.S. EPA registered MUP is manufactured from raw materials within the state of California, does it require registration?**

Yes, unless the MUP is being manufactured solely for export outside of the state. However, whether the MUP is sold in California or exported outside of California for formulation into an end use product, no mill assessment is required.

**Frequently Asked Questions and Answers  
What You Need to Know About Mill Assessments**

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**10. Can a registrant pass on the responsibility of reporting and paying the mill assessment to a broker or dealer if the registrant ships the pesticide to a California location?**

No. The registrant is required to report and pay on pesticides shipped into California.

**11. Does a registrant ever have to pay mill assessment for sales to a broker or dealer shipped to a location outside of California?**

Yes, but only if the registrant knows at the time of sale that the pesticide is going to be sold in California. FAC section 12841(d)(1) provides that in cases where a registrant did not have actual knowledge, at the time of the sale, that the pesticide would be sold for use in California, the assessment shall be paid by the licensed pesticide broker, licensed pest control dealer, or other person who first sold the pesticide for use in the state.

**12. Who pays the mill assessment if a registrant ships pesticides on consignment to a pesticide broker or pest control dealer?**

If the broker/dealer is located in California and receives the pesticide in California from the registrant, the registrant is responsible for the mill assessment. If the broker/dealer is located outside the state and receives the pesticide from the registrant (or other source) at their facility outside the state, the broker/dealer must report the sale and pay mill assessment for the pesticide it sells into or within the state.

As stated in Question #4 above, in general, the registrant is always responsible for reporting sales and paying mill assessment when they have knowledge, at the time of sales; the pesticide is being sold in California. However, if the registrant does not have knowledge at the time of sale, the party that is the first to sell the pesticide in California is responsible for reporting and paying the mill assessment.

Situations involving consignment of pesticides generally have to be addressed individually as there are many variations in how pesticides are marketed. Please contact the Mill Assessment Unit for further assistance.

**13. If a registrant delivers/sells another company's (registrant's) pesticide into California, do these sales need to be reported?**

Yes. The mill assessment applies to all sales of pesticide first sold into or within the state. This includes sales of other registrant's pesticides. The sales are reported on a form entitled, "Report of Sales of Other Registrant's Pesticide Products."

However, if a registrant has actual knowledge, at the time of sale, that their pesticide is being delivered/sold into California, the registrant is responsible for reporting and paying mill. This includes contract-manufacturing situations where one firm is producing pesticides for another registrant. For example, a firm located outside of California manufactures a California-registered pesticide for the registrant, and ships the pesticide into California on behalf of the registrant (drop shipment), the

## **Frequently Asked Questions and Answers What You Need to Know About Mill Assessments**

registrant has knowledge that the pesticide is being delivered into California and therefore is responsible for reporting the sales and paying the mill assessment.

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**14. If a registered pesticide with complete label directions for end-use is repackaged or sub-packaged into another end-use pesticide by another registrant, who is responsible for reporting and paying the mill assessment?**

In this case, each registrant is responsible for reporting and paying the mill assessment on the pesticide it sells. The first registrant, having shipped the pesticide into California, is the first seller into the state, and therefore owes mill assessment on its sales. The other registrant, at its U.S. EPA registered producing establishment, repackages or sub-packages the pesticide into containers with its own brand name and with its own EPA Registration Number is then responsible for reporting sales and paying mill assessment when this pesticide is first sold into or within California.

A product must be registered and labeled only for the manufacturing or formulation of another pesticide in order to be exempt from the mill assessment.

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**15. Is the mill assessment due on a registrant's pesticides when they are used in conjunction with its own service contracts?**

Yes. An example of this could be a registrant that also has a swimming pool service business. Place a reasonable value (what the pesticide would sell for in like-size containers in like quantities) on the registered pesticide used in the service contract and pay the mill assessment on that value.

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**16. Are direct sales made and delivered into or within California to a federal agency (including the military), or to property under Tribal control, subject to the mill assessment?**

No.

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**17. What if a registrant sells a pesticide to a retailer's distribution center in California and the pesticide is subsequently sold out of the state? Does the registrant still need to pay the mill assessment on the pesticide shipped out of California?**

Yes. The registrant needs to pay mill on all sales that the firm knows will be delivered into California. This is true unless the registrant knew at the time of sale and could document at the time of sale that the pesticide would be resold for use outside of California.

## **Frequently Asked Questions and Answers What You Need to Know About Mill Assessments**

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### **18. Are there any provisions for shipping pesticides not registered by DPR into the state?**

FAC section 12993 states that it is unlawful to manufacture, deliver, or sell in California a pesticide that is not registered. There are exceptions as provided in regulation for use under a research authorization (3 CCR section 6260-6272) and for pesticides manufactured in the state solely for export outside the state (FAC 12993). However, there is no "legal" provision that allows a registrant to deliver to another party, located in California, an unregistered pesticide. Once control of the unregistered pesticide is transferred, a violation of FAC section 12993 has occurred.

To ensure all pesticides offered for sale in this state are registered, it has and continues to be, DPR's practice to perform marketplace inspections at locations where pesticides are offered for sale to the public.

DPR understands there are situations where registrants have no intention of selling a particular pesticide in California. Due to complex delivery/distribution infrastructures, registrants occasionally transport pesticides through this state for eventual sale and use outside the state. In these situations the question that must be addressed is, **"Can the registrant maintain sufficient control to ensure the unregistered pesticide will not enter the marketplace where it would be available for sale to users in this state?"** In most situations this means that while the unregistered pesticide is in this state the registrant will store the pesticide in a facility under its control. A consignment situation where someone other than the registrant has control over the sales of the pesticide may not constitute the necessary control.

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### **19. If I discover that I have sold an unregistered pesticide into California, do I need to report it?**

DPR encourages you to come forward with this information. It shows a desire to bring your business into compliance with California law. Given this positive demonstration of your company's business practices, DPR would be inclined to work with you to mitigate possible fines, and to give your firm the opportunity to propose and carry out a plan to prevent future violations.

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### **20. What sale price must be reported and used as the basis to pay the mill assessment?**

The assessment is based on the price as shown on the sales invoice to the customer.

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### **21. What record keeping requirements pertain to California pesticide sales?**

FAC section 12842 requires that every person who sells for use in California any pesticide shall maintain accurate records of all transactions subject to assessment for four years. This includes registrants, pesticide brokers, pest control dealers, and retailers such as hardware and grocery stores. These records are subject to audit.

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## **Frequently Asked Questions and Answers What You Need to Know About Mill Assessments**

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### **22. How would a pest control dealer, retailer, distributor, or broker know the mill assessment was paid on pesticides they receive?**

On the first sale of pesticides into or within California, the law (FAC section 12847) requires the sales invoice show the party (registrant, broker, dealer, or person) who will pay the mill assessment. On subsequent sales, the invoice must show as a comment on the invoice the assessment was paid, and it may show an amount or rate that represents the assessment. Retail sales of nonagricultural pesticides labeled only for home, industrial, or institutional use are exempt from this requirement. Invoices for the first sale of these pesticides will need mill assessment payment information on them, but a person subsequently buying, for example, a home-use pesticide at a local retailer would not receive a sales invoice with mill assessment information on it.

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### **23. What records must the registrant, pesticide broker, or pest control dealer keep for proof that a pesticide shipped into California was not sold for use in California?**

They must have reasonable proof that the pesticide was not sold for use in California; for example, invoices with an out-of-state "ship to" address, a bill of lading, shipping documents, destination receipts, etc.

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### **24. Can the mill assessment be itemized as a separate item on the invoice?**

Yes. However, only the person who actually pays the assessment to DPR may show the amount or rate of the assessment as a line item on the sales invoice (FAC section 12847).

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### **25. Would freight charges be included in the amount that is subject to the mill assessment?**

The mill assessment is based on the price of the pesticide as shown on the invoice. If the freight charges were listed separately on the sales invoice, they would not be included in the amount that is subject to the mill assessment. However, if the freight charges were included in the price of the pesticide and not itemized separately, then they are subject to the mill assessment.

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### **26. Would the state sales tax on the pesticides be included in the amount that is subject to the mill assessment?**

If the state sales tax were listed separately on the invoice, it would not be included in the amount that is subject to the mill assessment. However, if the sales tax is included in the price of the pesticide and not itemized separately, then it is subject to the mill assessment.

## **Frequently Asked Questions and Answers What You Need to Know About Mill Assessments**

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### **27. If a registrant, pesticide broker, or pest control dealer gives rebates to its distributors on the basis of gross volume sales for the year, is the mill assessment based on the original invoice price or on the new adjusted price at the end of the year?**

The mill assessment is based on the price as shown on the invoice at the time of sale, delivery, or contract for sale. Volume sales discounts given at the time of sale and shown on the original invoice are part of the final price and may be considered in the mill assessment.

### **28. When the registrant, pesticide broker, or pest control dealer indicates a discount for a quick payment (such as discount 2 percent, 10 days, net 30 days) what price is used for the mill assessment?**

The extended price as shown in the invoice, unless the invoice clearly shows what was paid for the registered pesticides, i.e., the discount price actually paid.

### **29. Is the mill assessment charged against the full price of pesticide-fertilizer combination products?**

Yes, unless the registrant has applied for and been granted by DPR a percentage of the sales value for each product to be used in calculating the mill assessment as allowed for in FAC section 12841(c)(1).

### **30. How does the registrant, pesticide broker, or pest control dealer request a refund for an overpayment?**

If the overpayment was for returned pesticide that the registrant, pesticide broker, or pest control dealer is still selling, then the over-reported sales can be deducted from the sales of the same pesticide for the next quarter. However, a credit memo is needed to substantiate this in the accounting records and for DPR auditors. If the overpayment was for a product that is not a pesticide, a returned pesticide that is no longer registered, or due to a math error, then the registrant, pesticide broker, or pest control dealer can request a refund from DPR and provide a letter of explanation, invoices, labels, etc. FAC sections 11481/11482 cover refunds of fees and assessments. Contact the Mill Assessment Unit for assistance.

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### **31. Is there a list of pesticide registered in California?**

Yes. Go to DPR's Web site, <[www.cdpr.ca.gov](http://www.cdpr.ca.gov)>, click on "Look up pesticide products" on the right side of the page. Under the heading, "Lists," click on the link, "Download a list of California's registered pesticide products." It is a ZIP file that lists the approximately 12,000 pesticide products registered in California, along with their registration number. The file can be inserted into a spreadsheet or database. (Instructions on how to break the list into database fields are also posted online.)

The list is updated every business day, but does have limitations. It does not include pesticides whose registrations have expired. Important note, if a pesticide came into California before the registration

## **Frequently Asked Questions and Answers What You Need to Know About Mill Assessments**

expired, and is in the possession of anyone other than the registrant, the pesticide may be legally sold in California for up to two years after the expiration date. This extension on sales is only meant to clear the channels of trade; it does not apply to sales of pesticides whose registrations have been cancelled, or to sales of pesticides with expired registrations made by registrants.

DPR's Web site also provides for product-specific inquiries with searches by product name, registration number, site and chemical codes, and other variables.

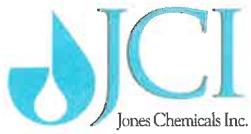
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### **32. More questions?**

Visit DPR's Web site, <[www.cdpr.ca.gov](http://www.cdpr.ca.gov)>, and click on Programs to access the "Mill Assessment" web page. Or contact the Mill Assessment Unit at 916-445-4159. You can also e-mail questions to <[millassessment@cdpr.ca.gov](mailto:millassessment@cdpr.ca.gov)>.

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Rev. January 25, 2018



February 20, 2024

Randy Fick  
Treasurer/CFO  
Orange County Water District  
18700 Ward Street  
Fountain Valley, CA 92708

*Via E-Mail*

**Re: Supply & Delivery of Sodium Hypochlorite Revised Pricing**

Dear Randy Fick,

Enclosed please find revised price of \$1.7581/gal with 2.1% California Mill Assessment included.

Please do not hesitate to contact me should you have any questions.

Thank you.

A handwritten signature in blue ink, appearing to read "Cris Blomgren".

**Cris Blomgren**  
Sales Coordinator / Office Manager  
JCI Jones Chemicals Inc  
310-523-1629 Ext. 261  
[cblomgren@jcichem.com](mailto:cblomgren@jcichem.com)

# PRICING SHEET

## PROPOSAL BY

JCI Jones Chemicals Inc.

(Firm)

for  
**SUPPLYING SODIUM HYPOCHLORITE**

The undersigned declares that he has examined the Request for Proposal documents and hereby proposes to supply any and all **sodium hypochlorite** required by the District during the period specified, and in accordance with all provisions of the Request for Proposal documents, for the following price:

NOTE: The District is exempt from sales tax on this chemical.

### Description

Supply and deliver Sodium Hypochlorite as specified, freight included:

### PRICE PER GALLON

Full load:	5,000 gallons (full load)	<u>\$1.7581 / Gal</u>
Price Includes 2.1% California Mill Assessment.		

Price per gallon	<u>One Dollar And Seven Five Eight One Cents</u>	<u>\$ 1.7581</u>
	(Words)	

JCI Jones Chemicals Inc.

310-523-1629

Name of Firm

Telephone Number

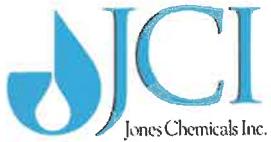
cblomgren@jcichem.com / torrance@jcichem.com

Signature Name/Title

E-mail address

Cris Blomgren, Office Manager/Sales Coordinator

DATED February 20, 2024



**JCI Jones Chemicals, Inc.  
Consent to Shareholder Action**

February 1, 2024

I, the undersigned shareholder, being the holder of all shares of stock of the above company now outstanding, hereby resolve as follows:

1. **Cris Blomgren**, Office Manager
2. **David Huerta**, Branch Manager
3. **Tim Ross**, Vice President

are hereby authorized to submit and sign bids, contracts and other documents pertaining thereto of this Corporation, to municipalities and other for the sale of company products.

A handwritten signature in blue ink that appears to read "J. Jones".

---

Jeffrey W. Jones, C.E.O. & President

Attest:

A handwritten signature in blue ink that appears to read "Summer Mello".

---

Summer Mello, Vice President



## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte  
Board of Directors

**From:** John Kennedy

**Staff Contact:** M. Patel/M. Wu

**Budgeted:** Yes

**Budgeted Amount:** \$85,000 (FY 2024-25)

**Cost Estimate:** \$85,000

**Funding Source:** General Fund

**Program/ Line Item No.:** 1050.57016

**General Counsel Approval:**

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

**Subject: AMENDMENT NO. 2 TO AGREEMENT NO.1295 WITH UTILIQUEST FOR UNDERGROUND SERVICE ALERT (USA) SERVICES**

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### SUMMARY

The District has underground service alert monitoring to protect underground assets. Utiliquest has been providing excellent service for the past several years. Staff recommends hiring Utiliquest to provide these services for an additional period of three years.

Attachment: Utiliquest Quote

### RECOMMENDATION

Agendize for March 20 Board meeting: Authorize issuance of Amendment No. 2 to Agreement No. 1295 with Utiliquest to increase the not-to-exceed amount by \$85,000 per year and extend the termination date to March 31, 2027, to provide underground service alert monitoring.

### DISCUSSION/ANALYSIS

The District has invested millions of dollars in underground assets throughout Orange County. These assets include pipelines, cathodic protection systems, monitoring wells, injection wells, fiber optic cable, and electrical conduit. To help protect these assets, the District is a member of Underground Service Alert (USA aka Dig Alert).

California State law requires that before obtaining a permit to excavate, all contractors must obtain a Dig Alert ticket through Underground Service Alert. Through the Underground Service Alert process the District receives notification when a construction project may have an impact on a District owned underground asset. The servicing vendor visits the construction site and marks all District facilities in the area. Once the assets are marked the contractor is required to protect the asset, and if the asset is damaged the contractor is responsible for any damage incurred.

Underground Service Alert ticket notifications are received on behalf of the District. With each notification, the vendor needs to identify if any District assets are within the construction zone. Each notification received requires office screening, and may

require additional field investigation and field marking. Depending on the level of service required for each notification, and the number of notifications received, the actual cost will vary year to year.

Utiliquest has been providing these services for the District for the past several years and staff has been satisfied with these services. Staff recommends an extension of the existing agreement, which expires on March 31, 2024, with Utiliquest to provide continued underground alert service monitoring for another three years.

### **PRIOR RELEVANT BOARD ACTION(S)**

4/14/22 – R22-4-50 - Authorize issuance Amendment No.1 to Service Agreement No.1295 with Utiliquest for an amount not to exceed \$102,000 per year for a period of two years to provide underground service alert monitoring services with an option to renew for an additional period of two years under the same terms and conditions.

6/17/20 – R20-6-79 - Authorize issuance of a Service Agreement with Utiliquest for an amount not to exceed \$102,000 per year for a period of two years to provide underground service alert monitoring services with an option to renew for an additional period of two years under the same terms and conditions.

3/21/18 - R18-03-27 - Authorize issuance of a Service Agreement with Utiliquest for an amount not to exceed \$77,000 per year for a period of three years to provide underground service alert monitoring services with an option to renew for an additional period of two years under the same terms and conditions.

12/16/15 - R15-12-179 - Authorize extending the agreement to Utiliquest for an amount not to exceed \$74,000 per year for a two-year period to provide underground service alert monitoring services.

12/18/13 - R13-12-154 - Authorize issuance of a Service Agreement with Utiliquest for an amount not to exceed \$74,000 per year for a period of two years to provide underground service alert monitoring services with an option to renew for a period of two years under the same terms and conditions.

2/16/11 - R11-02-11-28 - Authorize renewal of Professional Services Agreement with Utiliquest LLC for an amount not to exceed \$215,910 for a three-year period, to provide underground service alert monitoring services.

12/16/09 - R09-12-178 - Authorized issuance of a Professional Services Agreement to Utiliquest LLC in an amount not to exceed \$70,000 to provide Underground Service Alert monitoring services for a one-year period, with an option to renew for an additional three years.

10/08/08 - R08-10-137 - Authorize issuance of a Professional Service Agreement to Utiliquest LLC for a one-year period in an amount not-to-exceed \$70,000 to provide underground service alert services.

05/16/07 - R07-05-71 - Authorize issuance of a new Professional Services Agreement to Utiliquest LLC for an amount not-to-exceed \$67,000 to provide Underground Service Alert (USA) Monitoring and Marking Services for a 12-month period.

12/21/05 - R05-12-149 - Approve issuance of a Professional Services Agreement to Underground Technology, Inc. (Utiliquest LLC) for a 12 month period in an amount not-to-exceed \$60,000 to provide underground service alert services.

## **AMENDMENT NUMBER TWO TO THE AGREEMENT FOR UNDERGROUND FACILITY LOCATING AND MARKING SERVICES**

This Amendment Two (2) to the Agreement for Underground Facility Locating and Marking Services ("Agreement") by and between **UtiliQuest, LLC** 2575 Westside Parkway, Suite 100, Alpharetta, GA 30004 ("Contractor"), and **Orange County Water District**, 18700 Ward street, Fountain Valley, CA 92708 ("Customer").

### **RECITALS**

- A. Customer and Contractor entered into the Agreement on April 1, 2018, pursuant to which Contractor is in the business of performing Underground Facility locating work: and
- B. Customer and Contractor entered into Amendment One effective April 1, 2021, extending the term three years, which expires on March 31, 2024: and
- C. Customer and Contractor desire to set forth in this Amendment Number Two certain modifications to the Agreement, and
- D. In all other respect, the Agreement, as amended shall control the relationship between the Parties.

**NOW, THEREFORE**, in consideration of the Recitals and for other goods and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Article III: Term and Termination, Section 3.1 – Term of the Contract, from Amendment One shall be modified to add the following paragraph:

"The term of this Agreement is hereby extended three (3) years after the expiration of the three-year term from Amendment One which began on April 1, 2021, and expires on March 31, 2024. This Amendment Two extends the term effective April 1, 2024, through March 31, 2027. Contractor shall perform work at the rates outlined below effective April 1, 2024, through March 31, 2027.

#### **Rates Effective April 1, 2024 through March 31, 2025 (represents a 3% increase from current rates):**

Field Locate:	\$17.97 / Ticket / Unit
Includes 400 feet of marking, each incremental distance of 400 feet will constitute one additional billing unit.	
Field Screen:	\$11.64 / Field Screen
Office Screen:	\$5.41 / Office Screen
Standard Hourly Rate (Minimum 1 hour billing):	\$67.37 / Hour
Overtime Hourly Rate (Minimum 1 hour billing):	\$84.49 / Hour

#### **Rates Effective April 1, 2025 through March 31, 2026 (represents a 2% increase from previous rates):**

Field Locate:	\$18.33 / Ticket / Unit
Includes 400 feet of marking, each incremental distance of 400 feet will constitute one additional billing unit.	
Field Screen:	\$11.87 / Field Screen
Office Screen:	\$5.52 / Office Screen
Standard Hourly Rate (Minimum 1 hour billing):	\$68.72 / Hour

Overtime Hourly Rate (Minimum 1 hour billing): \$86.18 / Hour

**Rates Effective April 1, 2026 through March 31, 2027 (represents a 2% increase from previous rates):**

Field Locate: \$18.70 / Ticket / Unit  
Includes 400 feet of marking, each incremental distance of 400 feet will constitute one additional billing unit.

Field Screen: \$12.11 / Field Screen

Office Screen: \$5.63 / Office Screen

Standard Hourly Rate (Minimum 1 hour billing): \$70.09 / Hour

Overtime Hourly Rate (Minimum 1 hour billing): \$87.90 / Hour

All other terms and conditions of the Agreement, as Amended, shall remain in full force and effect to the extent not modified by this Amendment Number Two (2).

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**IN WITNESS WHEREOF**, the parties have caused this Amendment Number Two (2) to be executed by their duly authorized representatives effective as of the date and year first written above.

**Customer (Orange County Water District)**

**Contractor (UtiliQuest, LLC)**

By: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_



## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration Finance Cte./  
Board of Directors

**From:** John Kennedy

**Staff Contact:** P. Bouyounes/S. Dosier

**Budgeted:** Partial

**Budgeted Amount:** \$27,500

**Cost Estimate:** \$88,000 annual

**Funding Source:** General Fund

**Program/Line-Item No.:** 1030.50104

**General Counsel Approval:** N/A

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

**Subject:** LIMITED TERM AGREEMENT – RISK & SAFETY ASSISTANT

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### SUMMARY

The Districts activities under the Risk & Safety Department have increased significantly over the past several years. Regulations are getting more demanding and complex in California. Currently the department employs a part-time temporary employee, Lenyss Bahena, to assist two full-time personnel. However, because of the increased workload, staff recommend hiring Lenyss Bahena for a two-year limited term agreement as a full-time Risk & Safety Assistant.

### Attachments:

- Federal and State OSHA Program Elements With Significant Resource Implications For All Employers in California
- Limited-Term Agreement – Risk & Safety Assistant

### RECOMMENDATION

Agendize for March 20 Board meeting: Authorize staff to contract with Lenyss Bahena as a Risk & Safety Assistant under a two-year Limited Term Agreement.

### DISCUSSION/ANALYSIS

The Risk & Safety (R&S) Department currently employs two full-time employees and one part-time temporary employee. The Risk & Safety Department oversees five distinct areas of responsibility which includes:

- 37+ required safety programs;
- Security and video management system;
- Environmental programs;
- Emergency Response programs; and
- The Workers Compensation program.

Over the past several years, the Risk & Safety department has experienced an increase in workload which includes increases in regulatory requirements; reporting; training; inspections and audits; monitoring, and other issues. For example, there are two new

regulations requiring implementation at the District this next year. One is the Indoor Heat Illness Prevention Program, and the other is the Workplace Violence Prevention Plan (WVPP), SB 553. Under the jurisdiction of the California Division of Occupational Safety and Health (Cal/OSHA), the new WVPP law, burdens employers with many more obligations, including developing and implementing a workplace violence prevention plan specific to each location (three separate written programs). The law requires employers to comprehensively address 13 different topics in their WVPP. Employers will also have to conduct hazard assessments for each location to evaluate what could or may happen; provide annual training; create workplace violence incident logs; and keep various records for up to five years. The WVPP requirements will take effect on July 1, 2024.

As the Board is aware, new regulatory laws on employers are routinely approved at the state and federal level. Staff has attached a partial list of such laws over the past few years.

The Risk & Safety department also manages the Workers' Compensation program for all work-related injuries, illnesses, and first aid. This includes conducting investigations to identify the root cause, completing required forms for JPIA, following up with the medical clinics, following up with the departments to ensure corrective actions have been implemented.

The emergency response program is another area of responsibility for the department. This program is often managed by a full-time employee at other agencies due to the vast amount of administrative work including but not limited to the annual National Incident Management System (NIMS) reporting; Emergency Response Plan that includes EOC drills; Emergency Action Plan that includes Fire drills; Hazard Mitigation plan; etc. This program is managed solely by the staff in the Risk & Safety department.

District security is another top priority area of responsibility for the department. The Security program includes ongoing communication with the third-party security company at Fountain Valley and Forebay; following up on incidents and issues; conducting monthly testing of alarms, etc. In addition, Risk & Safety completes and submits 17 Letters of Arrest annually to Anaheim Police Department (13 letters), Fish & Wildlife, O.C. Sheriff, Orange Police Department, and Riverside Sheriff. The letters of arrest authorize the police to enforce all laws governing criminal activities on District property.

Specific environmental programs (not all inclusive) that fall under the departments' responsibility are listed in the following table. These programs require ongoing follow-up, training, and annual reporting.

AGENCY / REGULATION	REPORT/PERMIT/REQUIRED
Department of Transportation (DOT) (training every 3 years)	Waste manifest and handling of hazardous waste 8-hour Training
Fountain Valley Fire Dept (annual reporting)	California Environmental Reporting System (CERS) Business Plan (Hazardous Material Disclosure)
Riverside County Department of Environmental Health (annual reporting)	California Environmental Reporting System (CERS) Business Plan (Hazardous Material Disclosure)
Anaheim Fire Department (annual reporting)	California Environmental Reporting System (CERS) Business Plan (Hazardous Material Disclosure)

	Disclosure)
Orange County Health Care Agency (every two years)	Hazardous Waste Inspections
Anaheim Fire Department (annually)	Hazardous Waste and Tank Inspection
U.S. EPA Anaheim Fire Department	40 CFR 112 – SPCC plan - FHQ
U.S. EPA Orange County Health Care Agency	40 CFR 112 – SPCC plan - Fountain Valley
Cal EPA Department of Toxic Substances (eVQ annual reporting)	EPA ID Number Verification and Manifest submittal and Fees for 3 EPA ID numbers
OSHA/EPA/Cal EPA (Title 22 RCRA/Non-RCRA) (annual training)	Emergency Spill Response. Hazardous Waste Operations and Emergency Response.

The Environmental, Health, Safety and Security management process is ongoing and increasingly demanding. The complexity of the regulations that govern our programs generate a significant amount of work and oversight.

The OCWD Risk & Safety Department has a significant workload of managing multiple disciplines such as safety, workers' compensation, environmental, and security programs in comparison to other districts. Staff attempted to survey and compare the District's Risk & Safety Department, operations, and staffing level with other agencies. It is difficult to provide an "apples to apples" comparison. However, based upon the table below, staff is generally confident the District compares well and is relatively lean in staffing level.

SAFETY PROGRAM MANAGEMENT					
ORGANIZATION	# of Employees	In addition to the safety programs, are you responsible for any <u>Environmental Programs</u> ? If yes, please list the programs	Are you responsible for managing the <u>Workers Comp Program</u> ?	Are you responsible for the <u>Security Program</u> ?	How many employees in your department that assist in implementing the program requirements?
Western Municipal WD	175	No	No	Yes	3
Helix Water District	160	Partial CUPA, Hazardous Waste, SPCC	No	No	2
Inland Employee Utilities Agency	340	Partial CUPA, Hazard Waste, SPCC	Yes	No	4
Elsinore Valley Municipal Water District	172	No	Yes	No	2
The City of Palo Alto Utilities Department	325	Partial SPCC, SWPPP	No	No	15
IRWD	400	Partial CUPA and CalARP	No	Yes	4
Sweetwater	135	Partial CUPA, CARB	No	Yes	3
OC San	650	Yes: CUPA, Hazardous Waste, Asbestos/Lead, Spills, etc.	No	Yes	12
OCWD	226.5	YES: DOT, CUPA, Hazardous Waste, SPCC, SCAQMD, Cal/EPA DTSC, Spill Response/RCRA	YES	YES	2

The use of a part time temporary person and at times in the past, a student intern, has been very beneficial, but the growing demands on the staff as well as an increase in administrative functions have created a need to increase that role to a full-time schedule. More importantly there is a significant amount of training necessary and the high turnover with the part-time or student intern role is counterproductive for the department. Staff is proposing to start with a limited-term agreement for two years to give time to assess the

impact of a new full-time position on the department and any future needs to add an additional regular headcount.

Staff is requesting approval of a two-year limited term agreement with our current R&S part-time temporary staff member, Lenyss Bahena, as a full-time Risk & Safety Assistant with a total annual cost of approximately \$88,000 (salary and benefits). Lenyss has been with the department in her temporary role for one year and is a tremendous asset to the department.

**PREVIOUS BOARD ACTION(S):** N/A

# Federal and State OSHA Program Elements With Significant Resource Implications For ALL Employers in California

## Assembly Bill 2774 September 2010

Critical Enforcement Change making it easier to issue “Serious Citations”

- Created a “rebuttable” presumption for Serious Citations
- Created contextual language change for “Serious Citations” from “more likely than not” to “**realistic possibility**” that a violative condition will convert to a serious injury or fatality.
- Entitled every Compliance Officer as an “Expert Witness” for purposes of oral testimony.

## Senate Bill 606 January 2022

Critical Enforcement Change creating new “Egregious Citation” category and “Enterprise Wide” abatement.

Some major elements:

- Employers with multiple worksites risk “enterprise-wide” violations.
- Permits the issuance of citations for “egregious violations” which could result in multiple fines.
- Gives Cal/OSHA the power to subpoena employers.
- Provides additional grounds for Cal/OSHA to seek injunctions and restraining orders.

### Egregious violations and the risk of incurring multiple penalties

A violation is “egregious” if one or more of the following is true about the employer or a willful violation committed by the employer:

- the employer intentionally—through conscious, voluntary action or inaction—made no reasonable effort to eliminate the known violation.
- the violation resulted in worker fatalities, a worksite catastrophe, or a large number of injuries or illnesses. Here, “catastrophe” means the inpatient hospitalization, regardless of duration, of three or more employees resulting from an injury, illness, or exposure caused by the workplace hazard.
- the violation resulted in persistently high rates of worker injuries or illnesses.
- the employer has an extensive history of prior similar violations.
- the employer has intentionally disregarded its health and safety responsibilities.
- the employer’s conduct, taken as a whole, amounts to clear bad faith in the performance of its duties; and/or
- the employer has committed a large number of violations to undermine significantly the effectiveness of any safety and health program that may be in place.

## 2023 Approved Safety & Health Legislation

### AB 594 – Local Enforcement of Employment Laws

- Expands ability of local “**public prosecutors**” to prosecute civil or criminal actions for violations of the Labor Code. All Cal/OSHA standards are in the Labor Code.
- This extends their authority to most of the Labor Code (other than workers’ compensation and Cal/OSHA)
- Also provides that arbitration agreements have no effect on local public enforcement.
- State budget allocated **\$18 million for local enforcement of labor laws**, so we could see increased use of this authority

**CA Labor Code 6423.** Except where another penalty is specifically provided, every employer, and every officer, management official, or supervisor having direction, management, control, or custody of any employment, place of employment, or other employee, who does any of the following shall be guilty of a misdemeanor:

(a) Knowingly or negligently violates any standard, order, or special order, or any provision of this division, or of any part thereof in . . . (d) Directly or indirectly, knowingly induces another to do any of the above. . . Any violation of this section is punishable by imprisonment in the county jail not exceeding six months, or by a fine not exceeding five thousand dollars (\$5,000), or by both.

**CA Labor Code 6425.** Any employee having direction, management, control, or custody of any employment, place of employment, or other employee, who willfully violates any occupational safety or health standard, order, or special order, or Section of 25910 of the H&S code, and that violation caused death to any employee, shall, upon conviction, be punished by a fine of not more than \$70,000, imprisonment for not more than one year, or by both. Nothing in this section shall prohibit a prosecution under Section 192 PC.

**SB 553** enacts general industry workplace violence safety requirements that will be applicable to nearly all California employers, under the jurisdiction of the California Division of Occupational Safety and Health (Cal/OSHA). Under the new law, covered employers have many new obligations, including developing and implementing a **workplace violence prevention plan (WVPP)** specific to each location. The law requires employers to comprehensively address 13 different topics in their WVPP including a hazard assessment based on the risk at each location to evaluate what could or may happen. Employers will also have to provide annual training, create workplace violence incident logs, and keep various records for up to five years. These requirements will take effect on July 1, 2024.

Requires employers to develop and maintain written prevention plans tailored to their specific workplaces

- Mandates annual employee training
- Employers are required to record specific information in a “violent incident log” about every incident, response, and the investigation performed and maintain records for at least five years.

The Plan must be:

- In writing
- Easily accessible at all times to all employees, authorized representatives, and representatives
- In effect at all times and in all work areas
- Specific to the hazards and corrective measures for each work area and operation

### **Cal/OSHA 2024 Penalty Increases effective January 16, 2024**

Cal/OSHA's Division of Occupational Safety and Health is increasing penalties for all violations except those classified as serious by 3% in 2024. It says the reason is to keep up with inflation.

Since a 2015 act of Congress, the Federal Civil Penalties Inflation Adjustment Act, Fed-OSHA and state plans are required to increase penalties for regulatory, general willful, and repeat violations yearly to adjust for inflation. The penalty schedule is based on numbers from the Consumer Price Index for All Urban Consumers, which is compiled by the federal Bureau of Labor Statistics. The 2024 amounts for Cal/OSHA include:

A maximum penalty for general and regulatory violations, including posting and recordkeeping violations, of \$15,873, versus \$15,375 last year.

- Minimum penalties for willful violations of \$11,337, versus 2023's \$10,981.
- Maximum penalties for willful and repeat violations of \$158,727, versus \$153,744.
- The maximum penalty for serious violations, including tower cranes and carcinogen use, remains at \$25,000.
- Fed-OSHA has increased its maximum penalties for serious or repeat violations to \$161,323; and for serious and “other-than-serious” violations to \$16,131.

## **LIMITED TERM EMPLOYMENT AGREEMENT**

**(Lenyss Bahena)**

THIS LIMITED TERM EMPLOYMENT AGREEMENT is entered into as of March 24, 2024 by and between the ORANGE COUNTY WATER DISTRICT, a political subdivision of the State of California (hereinafter, "OCWD"), Lenyss Bahena (hereinafter, "EMPLOYEE"), for the employment of EMPLOYEE by OCWD for the period commencing March 24, 2024 through the termination date as established in Section Three herein below, in accordance with the following terms and conditions:

### **SECTION ONE: EMPLOYMENT AND DUTIES OF EMPLOYEE**

- 1.1 OCWD hereby employs EMPLOYEE, and EMPLOYEE hereby accepts employment from OCWD, in the capacity of Risk & Safety Assistant, commencing as of March 24, 2024.
- 1.2 During EMPLOYEE's employment with OCWD, EMPLOYEE shall do and perform all services, acts or things necessary or advisable to fulfill the duties and responsibilities as directed by the Risk & Safety Manager.
- 1.3 EMPLOYEE shall work forty (40) hours per week. The EMPLOYEE may apply accrued leave hours towards satisfying the minimum hours worked.
- 1.4 Unless otherwise, the employment services of EMPLOYEE shall be performed at the offices of OCWD, located at 18700 Ward Street, Fountain Valley, CA; provided, however, that OCWD may require EMPLOYEE to travel temporarily to other locations to perform services for or on behalf of OCWD.
- 1.5 EMPLOYEE shall, to the best of EMPLOYEE's ability and experience, loyally and conscientiously perform all of the duties and obligations required of EMPLOYEE, either expressly or implicitly by the terms of this Agreement or the provisions of the OCWD Personnel Manual (hereinafter, the "Personnel Manual"), as adopted by the Board of Directors of OCWD and as may be amended by the Board of Directors in its legislative discretion from time to time ( copy of which has

been provided to EMPLOYEE); provided, however, that in the event of a conflict between this Agreement and the Personnel Manual, this Agreement shall supersede and prevail of the Personnel Manual.

## **SECTION TWO: COMPENSATION AND BENEFITS**

2.1 As of the date of commencement of employment as set forth in Paragraph 1.1, EMPLOYEE shall receive wages based on an hourly rate of \$32.00.

2.2 For and during the term of employment, EMPLOYEE shall be entitled to all of the benefits provided within the contract period and enjoyed by full-time employees of OCWD, as set forth in the Personnel Manual. EMPLOYEE acknowledges, however, that OCWD-paid layer two Money Purchase Plan retirement contributions vest to the EMPLOYEE only upon EMPLOYEE's accumulating five years of credited service, as defined in the retirement plan for employees of ORANGE COUNTY WATER DISTRICT.

## **SECTION THREE: TERM OF EMPLOYMENT**

3.1 OCWD and EMPLOYEE hereby expressly understand and acknowledge that EMPLOYEE is employed by OCWD, for a period not to exceed two-years duration.

3.2 While OCWD and EMPLOYEE anticipate that the term of employment under this Agreement shall be approximately 2 years from the date of commencement of EMPLOYEE's employment pursuant to Paragraph 1.1 hereinabove, the actual date of termination of employment shall be determined by the completion of duties as determined by the District. In this regard, OCWD shall provide EMPLOYEE at least 14 days' written notice of the termination of employment due to the completion of duties.

3.3 Notwithstanding the provisions of Paragraphs 3.1 and 3.2 hereinabove, OCWD and, EMPLOYEE each reserve the right to terminate this Agreement and the EMPLOYEE's employment with OCWD, at any time, with or without cause.

## SECTION FOUR: MISCELLANEOUS

4.1 Effect of Personnel Manual: To the extent not inconsistent with the provisions of this Agreement, the Personnel Manual is incorporated herein by this reference and shall govern the terms and conditions of EMPLOYEE's employment with OCWD, and the employment relationship of EMPLOYEE and OCWD, in all matters not expressly set forth herein.

4.3 Integration: This Agreement, together with all of the provisions of the Personnel Manual not inconsistent with any of the terms and conditions herein, represents the entire understanding of OCWD and EMPLOYEE as to the employment of EMPLOYEE by OCWD; and this Agreement, as complemented by the provisions of the Personnel Manual not inconsistent with the terms and conditions contained herein, supersedes any and all other agreements and understandings, either oral or in writing, between OCWD and EMPLOYEE with respect to the employment of EMPLOYEE by OCWD. Each party to this Agreement expressly acknowledges that no representations, inducements, promises or agreements, orally or otherwise, have been made by any party, or any person acting on behalf of any party, which are not embodied herein, and that no other agreement, statement, representation or promise not contained in this Agreement or in the Personnel Manual shall be of any force or effect.

4.4 Construction and Amendment: This Agreement shall be governed by the laws of the State of California. This Agreement may not be modified, altered or amended except in writing signed by OCWD and EMPLOYEE.

4.5 Effective Date: This Agreement shall be deemed executed by the parties as of the date first above written.

APPROVED AS TO FORM:

ORANGE COUNTY WATER DISTRICT

By \_\_\_\_\_  
General Counsel, OCWD

By \_\_\_\_\_

**President**

By \_\_\_\_\_

**General Manager**

By \_\_\_\_\_

**Employee**



## **AGENDA ITEM SUBMITTAL**

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte.  
Board of Directors

**Budgeted:** Partially  
**Budget Amount:** \$250,000  
**Cost Estimate:** \$400,000  
**Funding Source:** General Fund  
**Program/Line Item No.:** 1010.53005

**From:** John Kennedy

**General Counsel Approval:** N/A  
**Engineers/Feasibility Report:** N/A  
**CEQA Compliance:** N/A

**Staff Contact:** John Kennedy

**Subject:** **RUTAN AND TUCKER LEGAL SERVICES BUDGET INCREASE**

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### **SUMMARY**

Staff recommend increasing the Rutan & Tucker legal services budget from \$250,000 to \$400,000.

### **RECOMMENDATION**

Agendize for March 20 Board meeting: Approve increasing the Rutan and Tucker FY23-24 legal services budget from \$250,000 to \$400,000.

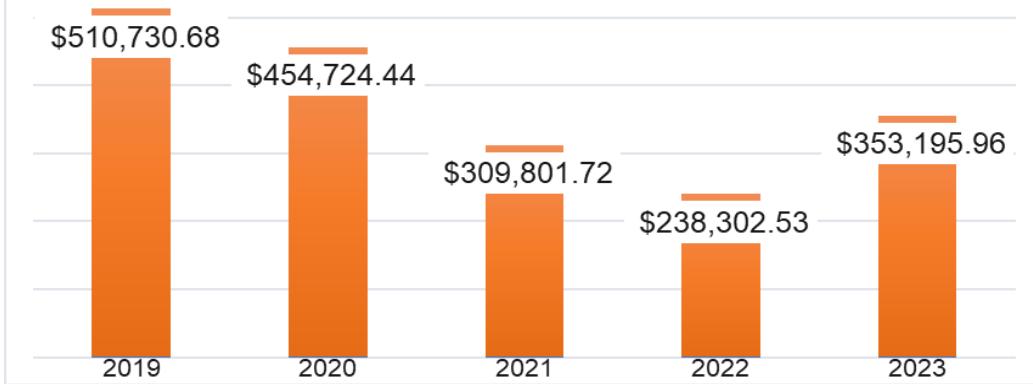
### **DISCUSSION/ANALYSIS**

Rutan & Tucker currently supports OCWD with comprehensive legal support as General Counsel. General legal matters include tasks such as attendance at board meetings, agenda packet review, advice regarding the Brown Act, California public records act request, property issues and other procurement and administrative matters. Rutan also provides specialized legal services that have historically included tasks such as special transactional or representational matters (environmental, labor, LAFCO, etc.), claims processing and management, litigation, litigation support and management/oversight of outside counsel, depositions, and court appearances.

Establishing the legal budget can be difficult as necessary legal services vary annually depending upon District activities, needs and requests. Over the last five years the District has had an average billing from Rutan and Tucker of approximately \$375,000. As shown on the figure on the next page, Rutan and Tucker's legal services over the past five years have ranged from \$510,730 to \$238,302.

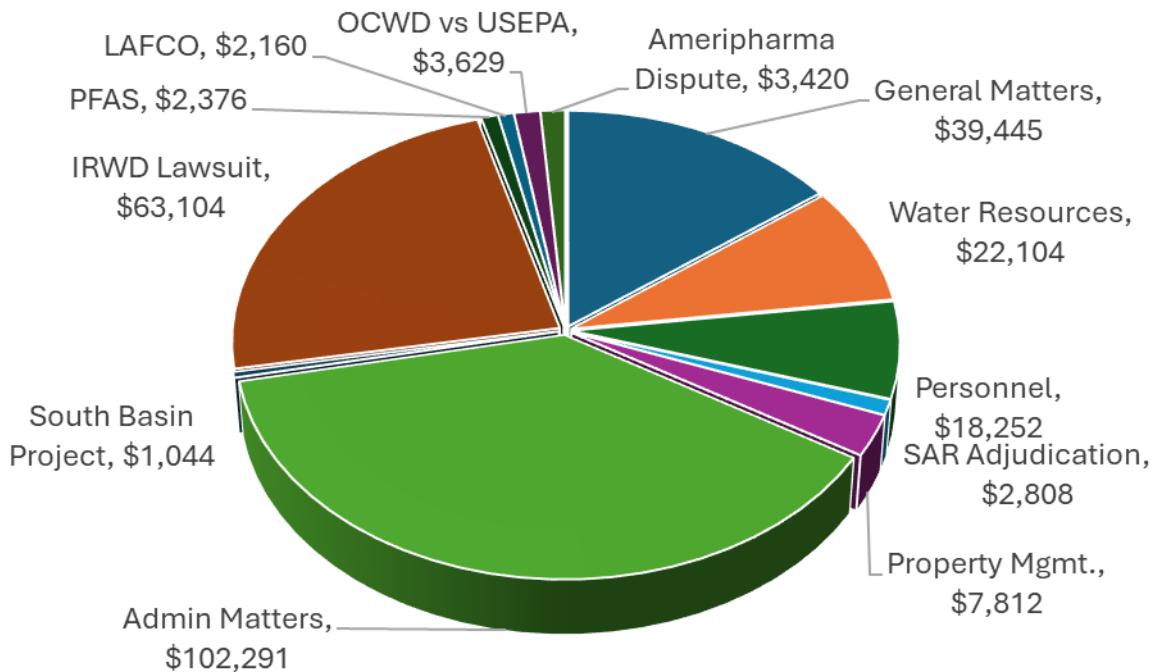
As of February 14, 2024, Rutan and Tucker has provided \$268,000 in legal services. A pie chart providing a summary of that work is also on the next page. To cover the remaining fiscal year, staff recommend adding \$150,000 to increase the total budget to \$400,000. The \$400,000 amount is consistent with budgeted agency counsel expenditures by other mid to large size water agencies in Orange County.

## Rutan & Tucker Annual Billing



## Rutan and Tucker Expenses

July - Feb 14, 2024



**PRIOR RELEVANT BOARD ACTION(S)** N/A



## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte.  
Board of Directors

**From:** John Kennedy

**Staff Contact:** J. Dadakis/M. Patel

**Budgeted:** No

**Budgeted Amount:** \$0

**Cost Estimate:** \$11,000

**Funding Source:** General Fund Reserves

**Program/Line-Item No.:** 1010.31301 & 1050.51301

**General Counsel Approval:** Yes

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

**Subject: DISTRICT PARTICIPATION AT SIWW 2024 CONFERENCE AND TECHNICAL EXCHANGE WITH SINGAPORE PUB**

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### **SUMMARY**

Consistent with the District's Memorandum of Understanding (MOU) with the Singapore Public Utilities Board (PUB), PUB staff have invited District representatives to attend the Singapore International Water Week (SIWW) conference in June 2024 and subsequently participate in technical exchange activities. Staff recommends that the General Manager and GWRS Operations Manager be authorized to travel for these purposes.

Attachment: Executed August 2022 MOU Between OCWD & Singapore PUB

### **RECOMMENDATION**

Agendize for March 20 Board meeting: Authorize two District staff to participate in Singapore International Water Week conference and technical exchange activities with Singapore PUB.

### **BACKGROUND/ANALYSIS**

The District's General Manager, John Kennedy, has received a formal invitation from the Singapore PUB to attend the 2024 SIWW Conference over June 18-22. The invitation recognizes the District being a past recipient of the Lee Kuan Yew Water Prize (2014) and the long-standing relationship between PUB and OCWD. PUB has offered to cover a portion of the General Manager's associated travel expenses. Additionally, staff proposes to send the GWRS Operations Manager, Derrick Mansell, to SIWW and subsequently to participate in formal technical exchange activities with PUB at District expense. Mr. Mansell had an abstract accepted to give an SIWW conference presentation on the District's initial experience with Artificial Intelligence/Machine Learning (AI/ML) testing at the GWRS facility. Staff estimates approximately \$11,000 in District travel expenses for both the General Manager and GWRS Operations Manager.

The OCWD Board approved a new MOU with Singapore PUB for a technical exchange program in August 2022, updating a similar MOU adopted in 2011. The new MOU serves as a

framework document in which the two agencies agree to explore ways of comprehensive exchanges in water management, water technology cooperation, applied research, and project collaboration. One important component of the MOU is in-person technical exchange visits between agency representatives; each agency is responsible for covering the travel expenses for their representatives during such visits. As a statutory board under the Ministry of Sustainability and Environment (MSE), the Singapore PUB is the national water agency responsible for integrated management of water supply, water catchment, and “used” (recycled) water. Both Singapore PUB and the District are considered international leaders in water resource management and potable reuse of recycled water and agree upon the value of maintaining a formal exchange program.

The District was awarded the 2014 Lee Kwan Yew (LKY) Prize at the Singapore International Water Week (SIWW) conference, which included the receipt of \$ \$300,000 SGD (\$238,000 USD). With travel expenses covered by Singapore PUB, current OCWD Board President Cathy Green was designated to attend SIWW, formally accept the prize, and deliver the invited LKY Lecture; at District expense, General Manager Mike Markus traveled to Singapore for SIWW 2014 to moderate a conference session and deliver a lecture at Singapore National University. District staff have attended SIWW and participated in technical exchange activities with PUB in 2014 (Bill Dunivin, retired Director of Water Production/GWRS), 2016 (Jason Dadakis, Executive Director of Water Quality & Technical Resources) and 2023 (Megan Plumlee, Director of R&D and Mehul Patel, Executive Director of Operations). The District has similarly received PUB staff for multiple in-person onsite exchange visits in Orange County since 2011; the most recent occurred in October 2023 for two PUB staff members, with travel expenses covered by PUB.

By making significant investments in research and technology, Singapore has become a world-leader in water treatment development and built a robust, diversified, and sustainable water supply from four different sources known as the Four National Taps (water from local catchment areas, imported water, reclaimed water known as NEWater and desalinated water). Since 2002, PUB, together with stakeholders dedicated to solving Singapore’s water challenges, have collectively committed more than SGD\$800 million (\$572 million USD) in water research & development (R&D). Information exchange facilitated by the MOU, including in-person exchange visits by District staff to Singapore PUB, have led to valuable information transfer to the District, including:

- **ROTEC Flow Reversal Reverse Osmosis (FR-RO)** – PUB implemented ROTEC FR-RO as a retrofit to a portion of the treatment train at its Kranji NEWater reclamation plant and is including it at its future Tuas and Changi NEWater facilities; the District recently completed a grant-supported onsite pilot-testing assessment of FR-RO conducted by the R&D Department. PUB’s successful implementation of FR-RO has helped guide the District’s testing and consideration of full-scale implementation. For example, PUB recommended that the District piloting effort take into account specific energy consumption (SEC) when determining the maximum optimal water recovery, given that the PUB effort had identified a “sweet spot” in the trade-off between greater recovery requiring greater energy per unit water produced. The District’s pilot testing of FR-RO identified the potential to increase the GWRS RO recovery from 85% to 90%, representing approximately 8,000 acre-ft/year or more of additional recycled water production.

- **Implementation of 16-inch RO System** – Industry standard RO systems use 8-inch diameter membranes, including the GWRS facility. PUB elected to install non-standard GrahamTek 16-inch RO membranes at one of its NEWater recycled water plants in the hope of increasing water recovery with fewer treatment units and smaller system footprint; however, based on onsite discussions with PUB operational staff, District staff learned of the many operational and procurement challenges associated with the 16-inch system, and thus did not consider this design during the Initial and Final Expansion projects for GWRS.
- **Digital Twin and Machine Learning for Membrane Systems** – PUB is aggressively assessing “smart” AI/ML-based operations and has moved forward into the implementation phase in multiple areas. The District has begun testing the application of ML to its membrane treatment operations, starting with pilot testing supported by private vendors and the US Department of Energy (DOE) funded National Alliance for Water Innovation (NAWI). This initial piloting at the District includes testing an “AI Coach” that aggregates and processes multiple data streams from the GWRS RO plant and then analyzes, visualizes, and makes recommendations to plant operators on how to optimize their plant’s performance and efficiency. Ongoing information exchange with PUB will help inform the District’s assessment and potential future implementation of AI.
- **LABMAN Automated Online Laboratory Analysis** – PUB has implemented a custom-designed LABMAN system “robot” to increase the efficiency and sample throughput at its laboratory for basic wet chemistry analyses; OCWD continues to review this technology for applicability to District laboratory operations.

PUB’s draft exchange program proposes that the GWRS Operations Manager attend and present at the SIWW Spotlight over June 18-22, 2024, followed by meetings with PUB operations staff and tours of relevant facilities from through June 30 (e.g., Changi Water Reclamation Plant & NEWater Factory; Sembcorp Tengeh Floating Solar Farm; applied research Centres of Excellence at the Nanyang Environment and Water Research Institute (NEWRI) + Separation Technologies Applied Research and Translation Centre (START)).

## **PRIOR RELEVANT BOARD ACTION(S)**

1/18/23 M23-11 – Authorizing District Participation at SIWW 2023 Conference and Technical Exchange with Singapore Public Utilities Board

8/17/22, R22-8-109 – Approve and authorize execution of Memorandum of Understanding between OCWD and the Singapore Public Utilities Board to continue an exchange program

5/22/14, M14-80 – Authorizing Attendance at 2014 Lee Kuan Yew Prize and Singapore International Water Week

2/16/11, R-11-2-18 – Authorizing MOU with Singapore Public Utilities Board to Create an Exchange Program

DATED THE 17<sup>th</sup> DAY OF AUGUST 2022

Between

**Public Utilities Board**

and

**Orange County Water District**

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**MEMORANDUM OF UNDERSTANDING**

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**THIS MEMORANDUM OF UNDERSTANDING ("MOU")** dated the 17th day of August 2022 is made

**BETWEEN:**

- (1) **PUBLIC UTILITIES BOARD**, a body corporate reconstituted under and by virtue of the Public Utilities Act (Cap. 261) at 40 Scotts Road #22-01 Singapore 228231 (hereinafter referred to as "PUB");
- (2) **ORANGE COUNTY WATER DISTRICT**, a special governmental district of the State of California formed and operating under Chapter 924 of the California Statutes of 1933, as amended, and having its principal office at 18700 Ward Street, Fountain Valley, California 92708 U.S.A. (hereinafter referred to as "OCWD").

each a "Party" and collectively the "Parties".

**WHEREAS:**

- (A) The Parties recognize the potential benefits in developing comprehensive co-operation with the objective to enhance water management.
- (B) This MOU serves as a framework document in which the Parties agree to explore ways of comprehensive exchanges in water management, water technology co-operation, applied research, and project collaboration.
- (C) The Parties therefore enter this MOU for the purposes of recording their understanding in relation to the above.

**THE PARTIES HEREBY RECORD THEIR UNDERSTANDING** as follows:

**1. FORM OF COOPERATION**

- 1.1 This MOU is entered into by the Parties in recognition of the complementary strengths possessed each by OCWD and PUB:

PUB is the national water agency that manages Singapore's water supply, water catchment, and used water in an integrated way. PUB also takes on the responsibility of protecting Singapore's coastline from sea-level rise as the national coastal protection agency.

OCWD is a groundwater management and wholesale water agency serving the northern and central portions of Orange County, California. Among other activities, OCWD owns and operates what will be a 130 million gallon per day advanced water recycling and indirect potable reuse system, known as the Groundwater Replenishment System or GWRS.

- 1.2 The Parties will explore and decide upon the legal vehicle most suited to be used for the execution of their respective role in the matters contemplated by this MOU. Each Party will keep the other informed on this process as well as any issues arising from that Party's choice of vehicle that may affect the Parties' desires to cooperate.
- 1.3 Subject to clause 1.2, the execution and performance of any activity of cooperation contemplated by this MOU and agreed in legally binding agreement will be through PUB and OCWD in accordance with their respective legal processes. The Parties will explore and

discuss the terms and conditions by which PUB and OCWD will agree to cooperate during the period this MOU is in effect.

## **2. POTENTIAL AREAS OF COOPERATION**

2.1 The Parties will identify common areas of interest where collaborations can create synergy and value in terms of knowledge development and/or capability building for the Parties. Some potential areas of interest are:

- knowledge exchanges in water reclamation and reuse, membrane operations and advanced water treatment technologies such as:
  - ROTEC Flow-Reversal Osmosis;
  - Noria Water Technologies RO Spotlight; and
  - Digital Twin and Machine Learning for Membrane Systems
- capacity building via training programmes, and
- participation and possible collaboration at the Singapore International Water Week.

2.2 The Parties contemplate that their collaboration under this MOU may include visits by one or more employees of one Party (a “Visiting Employee”) to the facilities and offices of the other Party (a “Host Agency”), in order to share expertise and experience. While each such visit will be the subject of a separate agreement as referenced in Section 3.1 herein, and will require the Visiting Employee to obtain all required permissions as may be required as a condition of entry to the host country where the visit is to occur, the Parties agree that the legal and employment framework for such visits will generally be as follows:

- a) Although a Visiting Employee may visit the facilities of the Host Agency, each Visiting Employee will at all times remain an employee of the Party that formally employs the Visiting Employee (the “Employer Agency”).
- b) The Employer Agency will at all times remain responsible for all costs relating to its Visiting Employees, including but not limited to:
  - i. Each Visiting Employee’s travel from the Employer Agency to the Host Agency for a visit under this MOU;
  - ii. All compensation and benefits relating to each Visiting Employee while he or she is participating in a visit at the Host Agency;
  - iii. Visiting Employee’s room, board and local transportation while participating in a visit with the Host Agency;
  - iv. All taxes, fees and related expenses associated with the employment of the Visiting Employee, his or her compensation and benefits or his or her travel to the Host Agency in connection with the visit;
  - v. Any costs incurred by the Visiting Employee while at the Host Agency; and
  - vi. Liability insurance coverage, for the Visiting Employee while at the Host Agency.
  - vii. Each Employer Agency will be responsible for the actions and omissions of its Visiting Employee while that Visiting Employee is participating in a visit or otherwise at the Host Agency.

### **3. EFFECT OF THIS MOU**

- 3.1 This MOU does not create any legally binding obligations on the Parties, save under Clauses 4 and 5. Any subsequent agreement to be entered into to give effect to the matters contained herein shall be subject to the mutual agreement of each of the parties as they may determine in their absolute discretion.
- 3.2 This MOU shall not bind either Party to work exclusively with the other, and nothing herein shall be construed as limiting or prohibiting either Party from engaging in any activity or business with any other person.

### **4. CONFIDENTIALITY**

- 4.1 Neither Party shall at any time disclose to any third party, any confidential information relating to the other Party which is acquired in the course of this MOU, save where such information:
  - (a) was in the public domain through no fault of the receiving Party;
  - (b) was developed by the receiving Party independently; or
  - (c) is required to be disclosed under law.
- 4.2 Neither of the Parties hereto may use the name of the other Party as a reference in negotiations with third parties or in press releases or any other public notifications, documents, or publications except with the prior written consent of the other Party.
- 4.3 The Parties shall jointly be responsible for the publicity matters relating to this MOU. Each Party shall seek the consent of the other Party prior to any disclosure to any third party(ies) of the contents of this MOU, that discussions are taking place pertaining to the MOU (or in the event the MOU is terminated) and the content of such discussions.
- 4.4 Each Party does not accept responsibility for or make any warranty or representation express or implied as to the confidential information received by the other Party or as to its accuracy, completeness, fairness or otherwise and it shall not have any liability whatsoever in connection with such confidential information nor shall it be taken to be a recommendation or inducement or be relied upon to undertake this MOU or any contract made pursuant to this MOU. The Party receiving such Confidential Information shall make and rely on its own assessment of the confidential information and the merits of undertaking this MOU or any contract made pursuant to this MOU and shall not treat any Confidential Information as advice by the other Party.

### **5. INTELLECTUAL PROPERTY**

- 5.1 All rights, title and interests in and to any intellectual property (including trademarks and service marks, copyrights, patents, designs, know how, and confidential information and the subject of such intellectual property, inventions and innovations) (collectively referred to as "IPR") disclosed or introduced by one Party to others for the purpose of this MOU shall remain the property of the Party disclosing or introducing the same to the others who shall not use or disclose the same to any other person otherwise than for the purpose of this MOU. No Party other than the Party owning the same shall have any claims to or rights in such existing Intellectual Property. The Parties agree that use of such intellectual property shall not be construed as a grant of any right of licence except set forth in a separate duly executed licence agreement.

## **6. MISCELLANEOUS**

- 6.1 This MOU is governed by the laws of Singapore, without reference to any of its conflicts of laws rules. For the avoidance of doubt, it is declared that this MOU shall not create any rights or obligations under Public International Law. In the event of any disagreement among the Parties as to the meaning or intent of any of this MOU's provisions, the Parties shall procure that such disagreements are resolved amicably.
- 6.2 This MOU shall come into effect on the date hereof and shall remain effective for two (2) years unless terminated by either party by giving to the other Party at least one month's written notice of its intentions to terminate this MOU.
- 6.3 All notices, approvals, consent or other communication made pursuant to this MOU shall be in writing and delivered personally or sent by prepaid registered post or by facsimile addressed to the intended recipient thereof or by electronic mail at their address or facsimile number or electronic mail address set out below (or to such other address or facsimile number or electronic mail address as any Party may from time to time provide to the other Party). The contact points for this purpose are:
  - a. For PUB:

Public Utilities Board  
51 Old Toh Tuck Road, Ulu Pandan Water Reclamation Plant, Singapore 597652  
Republic of Singapore  
Attn : Kelvin Koh  
Email : Kelvin\_Koh@pub.gov.sg
  - b. For OCWD:

Orange County Water District  
18700 Ward Street, Fountain Valley, California 92708 U.S.A.  
Attn : Jason Dadakis  
Email : jdadakis@ocwd.com
- 6.4 This MOU shall not create any partnership, agency relationship, or legal responsibilities among the Parties. Neither Party shall refer to the other Party as its business or collaboration partner, without the prior written consent of the other Party.

**IN WITNESS WHEREOF** the Parties have executed this MOU.

SIGNED BY

**BERNARD KOH** )  
**ASSISTANT CHIEF EXECUTIVE** )  
for and on behalf of )  
**PUB** ) \_\_\_\_\_

In the presence of )  
**PANG CHEE MENG** )  
**CHIEF ENGINEERING &** )  
**TECHNOLOGY OFFICER** ) \_\_\_\_\_

SIGNED BY

for and on behalf of  
**ORANGE COUNTY WATER DISTRICT**

**STEPHEN R. SHELDON** )  
**PRESIDENT** )  
for and on behalf of )  
**MICHAEL MARKUS** )  
**GENERAL MANAGER** ) \_\_\_\_\_

Approved as to Form )  
**JEREMY N. JUNGREIS** )  
**GENERAL COUNSEL, OCWD** )  
for and on behalf of )  
**Stephen R. Sheldon** )  
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**Michael Markus** )  
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**Jeremy Jungreis** )  
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## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte  
Board of Directors

**From:** John Kennedy

**Staff Contact:** B. Lomeli/ P. Bouyounes

**Budgeted:** Yes

**Budgeted Amount:** \$12,000

**Cost Estimate:** \$12,000 (\$60,000 Five Years)

**Funding Source:** General Fund

**Program/ Line Item No.** 1034.51202

**General Counsel Approval:** N/A

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

**Subject:** **AMENDMENT NO. 1 TO AGREEMENT NO. 1529 WITH BAY ALARM FOR FHQ AND PRADO FIRE AND BURGLAR ALARM SYSTEM PROJECT**

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### SUMMARY

The Board on December 15, 2022, approved Bay Alarms proposal to update the antiquated burglar and fire alarm system at Field Headquarters and Prado. The processed agreement was for only one year and did not include annual services cost of \$12,000. Staff recommends issuing an extension for Agreement No. 1529 to Bay Alarm through January 31, 2028, for an amount to not exceed \$12,000 annually.

Attachment: Proposal from Bay Alarm dated November 21, 2022

### RECOMMENDATION

Agendize for March 20 Board meeting: Approve and authorize amendment No.1 to Professional Services Agreement 1529 with Bay Alarm to extend the service agreement through January 31, 2028, and include \$60,000 to the agreement budget.

### BACKGROUND/ANALYSIS

In December of 2022, the Board approved a five-year agreement with Bay Alarm for the upgrade of the fire and burglar alarm system and ongoing monitoring services. Due to an administrative error the signed agreement was for only one year and the annual services cost of \$12,000 was not included in the document. Staff has put together an amendment to cover the remaining four years of the agreement and to ensure all board approved services are covered.

### PRIOR RELEVANT BOARD ACTION(S):

12/21/22 - R22-12-176: Authorized agreement to Bay Alarm for Field Headquarters and Prado fire and burglar alarm systems.

**This proposal was prepared for:**



**Alex Peraza**

Orange County Branch - Sales Manager

Bay Alarm Company  
1590 S. Lewis St. | Anaheim | CA | 92805

## System Summary

**Date:** November 21, 2022

**Project:** Orange County Water District  
**Address:** 4060 E La Palma Ave,  
Anaheim, CA 92807

**Contact:** Ben Lomeli  
**Phone:** (714) 378-3243  
**Email:** blomeli@ocwd.com

**Venue:** Fire Sprinkler Monitoring

**Scope of Work:** To install a new fire alarm sprinkler and notification system per Anaheim Fire Department minimum requirements based on NFPA codes and compliances. Bay Alarm will install a fire alarm system which will connect to **Orange County Water District**'s existing fire sprinkler devices such as the water flow on the riser, OS&Y and PIV. Bay Alarm will be installing system up to minimum requirement to satisfy NFPA 72 codes and compliances with NFPA 72 tests and inspections on all electrical devices which is mandated by the state of California. These inspections occur semi-annually and will be conducted by Bay Alarm Fire Inspectors.

**Service Options:** Full Service: Any deficiencies to the system due to normal wear and tear will be repaired or replaced at no additional charge. Any damages caused by external sources are qualified as chargeable service visits such as vandalism or "acts of God." Additional training is also included if needed.

**Tenn:** The initial term will be (5) years and will go month to month thereafter.

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## **Fire Alarm Monitoring and NFPA 72 Inspections: 60 Month Leased Equipment**

	<u>Installation</u>	<u>Monthly</u>
Fire Monitoring, Inspections, and Full Service:	<b>\$ 7,000.00</b>	<b>\$ 125.00</b>
City Plans and Permits:	<b>\$ 320.00</b>	

### **Corporate Office Scope of Work:**

#### **Bay Alarm to Install:**

- (1) DMP Control Panel- Per Approved Fire Alarm Plans
- (1) DMP Bell- Per Approved Fire Alarm Plans
- (1) DMP Annunciator Keypad- Per Approved Fire Alarm Plans
- (1) DMP Cellular Communicator- Per Approved Fire Alarm Plans
- (1) DMP Loop Expander- Per Approved Fire Alarm Plans
- (1) Smoke Detector- Per Approved Fire Alarm Plans
- (1) Manual Pull Station- Per Approved Fire Alarm Plans
- (1) Document Cabinet- Per Approved Fire Alarm Plans
- (1) Horn Strobe- Per Approved Fire-Alarm Plans
- (1) Surge Fire Lockout Kit- Per Approved Fire Alarm Plans
- (2) Zone Expanders- (2) Per Approved Fire Alarm Plans
- (2) Remote Test Stations- (2) Per Approved Fire Alarm Plans
- (2) Batteries- (2) Per Approved Fire Alarm Plans

#### **Bay Alarm to Connect to:**

- (1) Waterflow Switch -At Riser
- (1) PIV - At Street
- (2) Duct Detectors- (2) Per Approved Fire Alarm Plans

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\*The Plans and Permits fees listed above to be billed by the Anaheim Fire Department.

\*50% of the installation cost is due upon signing the agreement. Customer to provide power for the alarm control panel in designated area. Bay Alarm to provide full service on the control panel and devices for the life of the agreement. Bay Alarm to monitor customer's fire system 365 Days and 24 Hours per day.

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## **Fire Alarm Monitoring and NFPA 72 Inspections: 60 Month Leased Equipment**

	<u>Installation</u>	<u>Monthly</u>
Fire Monitoring, Inspections, and Full Service:	<b>\$ 11,450.00</b>	<b>\$ 180.00</b>
City Plans and Permits:	<b>\$ 320.00</b>	

### **Main Shed**

#### **Scope of Work:**

##### **Bay Alarm to Install:**

- (I) DMP Control Panel- Per Approved Fire Alarm Plans
- (I) DMP Bell- Per Approved Fire Alarm Plans
- (1) DMP Annunciator Keypad- Per Approved Fire Alarm Plans
- (I) DMP Cellular Communicator- Per Approved Fire Alarm Plans
- (I) DMP Loop Expander- Per Approved Fire Alarm Plans
- (1) Smoke Detector- Per Approved Fire Alarm Plans
- (I) Manual Pull Station- Per Approved Fire Alarm Plans
- (I) Document Cabinet- Per Approved Fire Alarm Plans
- (1) Horn Strobe- Per Approved Fire Alarm Plans
- (I) Surge Fire Lockout Kit- Per Approved Fire Alarm Plans
- (2) Batteries- (2) Per Approved Fire Alarm Plans

##### **Bay Alarm to Connect to:**

- (I) Waterflow Switch - Per Approved Fire Alarm Plans
- (3) OS&Y- (3) Per Approved Fire Alarm Plans
- (4) Butterfly Valves- (4) Per Approved Fire Alarm Plans

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.. The Plans and Permits fees listed above to be billed by the Anaheim Fire Department.

\*50% of the installation cost is due upon signing the agreement. Customer to provide power for the alarm control panel in designated area. Bay Alarm to provide full service on the control panel and devices for the life of the agreement. Bay Alarm to monitor customer's fire system 365 Days and 24 Hours per day.

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## **Fire Alarm Monitoring and NFPA 72 Inspections: 60 Month Leased Equipment**

	<b>Installation</b>	<b>Monthly</b>
Fire Monitoring, Inspections, and Full Service:	<b>\$ 6,175.00</b>	\$ 100.00
City Plans and Permits:	<b>\$ 320.00</b>	

### **Shed**

#### **Scope of Work:**

##### **Bay Alarm to Install:**

- (1) DMP Control Panel- Per Approved Fire Alarm Plans
- (I) DMP Bell- Per Approved Fire Alarm Plans
- (1) DMP Annunciator Keypad- Per Approved Fire Alarm Plans
- (I) DMP Cellular Communicator- Per Approved Fire Alarm Plans
- (1) DMP Loop Expander- Per Approved Fire Alarm Plans
- (I) Smoke Detector- Per Approved Fire Alarm Plans
- (1) Manual Pull Station- Per Approved Fire Alarm Plans
- (I) Document Cabinet- Per Approved Fire Alarm Plans
- (I) Horn Strobe- Per Approved Fire Alarm Plans
- (I) Surge Fire Lockout Kit- Per Approved Fire Alarm Plans
- (2) Batteries- (2) Per Approved Fire Alarm Plans

##### **Bay Alarm to Connect to:**

- (I) Waterflow Switch - Per Approved Fire Alarm Plans
- (I) PIV - Per Approved Fire Alarm Plans

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.. The Plans and Permits fees listed above to bH billed by the Anaheim Fire Department.

\*50% of the installation cost is due upon signing the agreement. Customer to provide power for the alarm control panel in designated area. Bay Alarm to provide full service on the control panel and devices for the life of the agreement. Bay Alarm to monitor customer's fire system 365 Days and 24 Hours per day.

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## **Fire Alarm Monitoring and NFPA 72 Inspections: 60 Month Leased Equipment**

	<u>Installation</u>	<u>Monthly</u>
Fire Monitoring, Inspections, and Full Service:	<b>\$ 5,675.00</b>	\$ 100.00
City Plans and Permits:	<b>\$ 320.00</b>	

### **Trailer Scope of Work:**

#### **Bay Alarm to Install:**

- (I) DMP Control Panel- Per Approved Fire Alarm Plans
- (I) DMP Bell- Per Approved Fire Alarm Plans
- (I) DMP Annunciator Keypad- Per Approved Fire Alarm Plans
- (I) DMP Cellular Communicator- Per Approved Fire Alarm Plans
- (I) DMP Loop Expander- Per Approved Fire Alarm Plans
- (I) Smoke Detector- Per Approved Fire Alarm Plans
- (I) Manual Pull Station- Per Approved Fire Alarm Plans
- (I) Document Cabinet- Per Approved Fire Alarm Plans
- (I) Horn Strobe- Per Approved Fire Alarm Plans
- (I) Surge Fire Lockout Kit- Per Approved Fire Alarm Plans
- (2) Batteries- (2) Per Approved Fire Alarm Plans

#### **Bay Alarm to Connect to:**

- (1) Waterflow Switch - Per Approved Fire Alarm Plans
- (1) PIV - Per Approved Fire Alarm Plans

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.. The Plans and Permits fees listed above to be billed by the Anaheim Fire Department.

\*50% or the installation cost is due upon signing the agreement. Customer to provide power for the alarm control panel in designated area. Bay Alarm to provide full service on the control panel and devices for the life of the agreement. Bay Alarm to monitor customer's fire system 365 Days and 24 Hours per day.



11/17/2022

Quotation No: 387773  
Lead No:

OCWD  
14980 River road  
Corona, CA 92880

**Subject: [PREVIEW] Proposal to Install a Burglar Alarm for OCWD Prado**

Dear Ben,

I would like to thank you for the opportunity to submit this proposal for your review and approval. Please allow me a brief moment to acquaint you with Bay Alarm Company.

Since 1946, our business has focused on providing business security to companies just like yours. With more than seven decades of experience, we understand that loss prevention is a concern for businesses of all sizes. Our job is to take business security off your list of concerns.

With Bay Alarm as your business security partner, you gain the peace of mind that comes with having highly trained professionals handling your commercial security system. Not only are our in-house CAD Technicians experts in commercial security system design and integration, but they also provide extensive technical training and ongoing field support to our sales team. All our employees are up-to-date on the latest business security trends and technologies.

At Bay Alarm, we handle all aspects of your commercial security system, including ongoing monitoring. That means you will always be dealing directly with Bay Alarm for your business security needs, 24 hours a day, 7 days a week.

Bay Alarm Company is a leader in our industry and we are proud to be affiliated with the following associations and agencies:

California Alarm Association  
Central Station Alarm Association  
Security Network of America  
Nation Burglar and Fire Alarm

National Fire Protection Association (NFPA)  
California Automatic Fire Alarm  
Underwriters Laboratories Listed

Thank you for your consideration. If I can be of any assistance by providing clarification or additional information please feel free to contact me. To learn more about Bay Alarm Company please visit us at [www.bayalarm.com](http://www.bayalarm.com).

Sincerely,

Garrett Rodrick  
Commercial Sales  
BAY ALARM COMPANY  
ONTARIO Office  
740 S. ROCHESTER AVE STE D  
ONTARIO, CA 91761

Email: [Garrett.Rodrick@bayalarm.com](mailto:Garrett.Rodrick@bayalarm.com)  
Phone: (909) 203-6509  
[www.bayalarm.com](http://www.bayalarm.com)

## Scope of Work

Bay Alarm To Install	Location
1 DMP XR150 PACKAGE	PACKAGE
1 SWITCH TAMPER F/RAD	
1 DMP LOCK & KEY FOR BURG PANELS	
1 PREMIUM CLAMP COPPER GROUND STRAP	
1 DMP XR150 PAK, 7070 I<P, BT, TRFR, SIREN, PH JK & CRD	
1 DMP LTE CELLULAR COMMUNICATOR FOR XR150/550	
1 BAY ALARM LINK BASIC & ADVANCED FEATURES	
10 HONEYWELL AD IR 40X40 - PET/PEST RESISTANT	
3 FLAIR SURFACE MOUNT W/LOGO	
2 FLAIR OVERHEAD DOOR CONTACT AND MAGNET	
4 HEAVY DUTY MAN DOOR CONTACT	

Installation	Montl1y Monitoring
\$4,900.00	\$100.00

- *This pricing is based on completing a 60 month monitoring/service agreement and is valid for 60 days.*

**This proposal was prepared for:**



**Alex Peraza**

Orange County Branch - Sales Manager

Bay Alarm Company

1590 S. Lewis St. | Anaheim | CA | 92805

## System Summary

Date: November 21, 2022

Project: Orange County Water District  
Address: 4060 E La Palma Ave,  
Anaheim, CA 92807

Contact: Ben Lomeli  
Phone: (714) 378-3243  
Email: blomeli@ocwd.com

**Venue:** Burglar Alarm Monitoring

**Scope of Work:** Bay Alarm to install (4) new burglar alarm systems. Bay Alarm will install new control panels, keypads, motion detectors, and door contacts. Bay Alarm will run all wires needed via lift if necessary. Bay Alarm will instruct customer how to alarm systems via keypad and smart phone application.

**Service Options:** Full Service: Any deficiencies to the system due to normal wear and tear will be repaired or replaced at no additional charge. Any damages caused by external sources are qualified as chargeable service visits such as vandalism or "acts of God." Additional training is also included if needed.

**Term:** The initial term will be (5) years and will go month to month thereafter.

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## Burglar Alarm Monitoring and Full Service: 60 Month Leased Equipment

	<u>Installation</u>	<u>Monthly</u>
Burglar Alarm Full Service:	\$1,750.00	\$ 90.00

### **Corporate Office**

#### **Scope of Work:**

##### **Bay Alarm to Install:**

- (1) DMP XR 150 Control Panel- Storage Closet
- (1) Cellular Communicator- At Panel
- (1) Keypad- Front Entry
- (1) Siren- Above Keypad
- (1) Backup Battery- Storage Closet
- (3) Door Contacts-(!) Front Door, (1) Side Door, (1) Upstairs Door
- (4) Motion Detectors- (1) Main Entry, (1) Office #1, (1) Office #2, (1) Hallway

##### **Bay Alarm to provide:**

- BayNet Plus Online Account Management
- DMP Virtual Keypad Application

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**\*50% of the installation cost is due upon signing the agreement. Customer to provide power for the alarm control panel in designated area. Bay Alarm to provide full service on the control panel and devices for the life of the agreement. Bay Alarm to monitor customer's fire system 365 Days and 24 Hours per day.**

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## Burglar Alarm Monitoring and Full Service: 60 Month Leased Equipment

	<u>Installation</u>	<u>Monthly</u>
Burglar Alarm Full Service:	\$ 10,065.00	\$125.00

### **Main Shed**

#### **Scope of Work:**

##### **Bay Alarm to Install:**

- (1) DMP XR 150 Control Panel- Shed Closet
- (1) Cellular Communicator- At Panel
- (I) Keypad- Front Entry
- (I) Siren- Above Keypad
- (I) Backup Battery- Storage Closet
- (1) Zone Expander- Warehouse
- (5) Door Contacts- (I) Front Door, (I) Side Door, (1) Pump Room, (2) Warehouse
- (7) Overhead Door Contacts- (1) Pump Room, (6) Warehouse
- (8) Motion Detectors- (I) Main Entry, (I) Office, (I) Restroom, (5) Warehouse

\*Conduit

\*Lift Rental

##### **Bay Alarm to provide:**

BayNet Plus Online Account Management

DMP Virtual Keypad Application

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\*50% of the installation cost is due upon signing the agreement. Customer to provide power for the alarm control panel in designated area. Bay Alarm to provide full service on the control panel and devices for the life of the agreement. Bay Alarm to monitor customer's fire system 365 Days and 24 Hours per day.

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## Burglar Alarm Monitoring and Full Service: 60 Month Leased Equipment

	<b>Installation</b>	<b>Monthly</b>
Burglar Alarm Full Service:	<b>\$ 6,350.00</b>	<b>\$115.00</b>

### **Shed**

#### **Scope of Work:**

##### **Bay Alarm to Install:**

- (1) DMP XR 150 Control Panel- Shed Closet
- (1) Cellular Communicator- At Panel
- (1) Keypad- Front Entry
- (1) Siren- Above Keypad
- (1) Backup Battery- Storage Closet
- (1) Zone Expander- Warehouse
- (4) Door Contacts- (1) Front Door, (1) Side Door, (1) Back Door, (1) Warehouse Door
- (5) Overhead Door Contacts- (5) Warehouse
- (5) Motion Detectors- (1) Main Entry, (4) Warehouse

\*Conduit

\*Lift Rental

##### **Bay Alarm to provide:**

BayNet Plus Online Account Management

DMP Virtual Keypad Application

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\*50% of the installation cost is due upon signing the agreement. Customer to provide power for the alarm control panel in designated area. Bay Alarm to provide full service on the control panel and devices for the life of the agreement. Bay Alarm to monitor customer's fire system 365 Days and 24 Hours per day.

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## **Burglar Alarm Monitoring and Full Service: 60 Month Leased Equipment**

	<u>Installation</u>	<u>Monthly</u>
Burglar Alarm Full Service:	<b>\$ 1,299.00</b>	<b>\$65.00</b>

### **Trailer**

#### **Scope of Work:**

##### **Bay Alarm to Install:**

- (1) DMP XR 150 Control Panel- Storage Closet
- (1) Cellular Communicator- At Panel
- (1) Keypad- Front Entry
- (1) Siren- Above Keypad
- (1) Backup Battery- Storage Closet
- (1) Door Contact- (1) Front Door
- (3) Motion Detectors- (1) Office, (1) Office I, (1) Lab

##### **Bay Alarm to provide:**

- BayNet Plus Online Account Management
- DMP Virtual Keypad Application

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\*50% of the installation cost is due upon signing the agreement. Customer to provide power for the alarm control panel in designated area. Bay Alarm to provide full service on the control panel and devices for the life of the agreement. Bay Alarm to monitor customer's fire system 365 Days and 24 Hours per day.



## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration/ Finance Issues Cte  
Board of Directors

**From:** John Kennedy

**Staff Contact:** R. Fick

**Budgeted:** Yes

**Budgeted Amount:** \$448,500

**Cost Estimate:** \$419,480

**Funding Source:** Debt Program

**Program/Line Item No** N/A

**General Counsel Approval:** Yes

**Engineers/Feasibility Approved:** N/A

**CEQA Compliance:** N/A

**Subject:** **EXTENSION OF LETTER OF CREDIT FOR 2003A VARIABLE RATE DEBT**

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### SUMMARY

The District currently has a Letter of Credit (LOC) with Bank of America to provide credit and liquidity support for the District's 2003A variable rate debt of \$129,815,000. The LOC was entered into with Bank of America on May 17, 2021, and expires by its terms on May 16, 2024. Bank of America has made an offer to extend the current LOC for two years from the new LOC amendment date at a rate of 29 basis points with legal fees for its counsel capped at \$8,500.

#### Attachments:

- Bank of America First Amendment to Reimbursement Agreement
- Bank of America Amended and Restated Fee Letter
- Resolution – District
- Resolution – Public Facilities Corporation
- Presentation

### RECOMMENDATION

Agendize for March 20 Board meeting:

- 1) Approve District and Corporation resolutions and execution of documents necessary to extend the current Letter of Credit and Reimbursement Agreement with Bank of America for the 2003A variable rate debt for a term of 2 years consistent with the offer provided by Bank of America and authorize the General Manager to execute such documents including minor changes requested by rating agencies or other participants in the transaction;
- 2) Authorize payment for costs of issuance not to exceed \$38,000.

### DISCUSSION/ANALYSIS

The District is required to obtain a letter of credit to support its 2003A variable rate debt because the debt can be tendered at any time by investors. When tendered bonds are remarketed, proceeds from new investors are used to pay the tendering investors. With a liquidity facility, if the notes are not remarketed, the Trustee draws on the direct pay

letter of credit to pay bondholders. In the case of a Letter of Credit, the bank makes direct payments to the Trustee for the tender price and is subsequently reimbursed by the District.

The District's 2003A variable rate debt is currently backed by a LOC with Bank of America. The Bank of America LOC was issued on May 17, 2021, at a cost of 34 basis points (bps) or approximately \$448,500 per year. The Bank of America LOC expires on May 16, 2024. Bank of America has made an offer to extend the current LOC for two years from the expiration date of the existing LOC at 29 basis points with legal fees capped at \$8,500.

Staff recommends extending the current LOC at 29 basis points with the bank's legal fees capped at \$8,500 payable to Chapman and Cutler LLP, Bank of America's legal counsel. The advantages to the District with this recommendation are: (1) lower cost of issuance due to extending the current liquidity facility versus a possible bank substitution via Request for Proposals (RFP) process, (2) no costs incurred in drafting a new offering document, (3) the new LOC will have substantially similar provisions as the expiring LOC and (4) the District can optionally terminate the LOC with 10 days written notice at no penalty.

The proposed pricing assumes the District's current credit ratings of "Aa1/AAA/AAA" from Moody's, Standard & Poor's, and Fitch, respectively. Any downgrade in ratings would result in an increase in the facility fee in accordance with the proposed schedule as detailed in Table 1.

**Table 1**  
**Bank of America LOC Fee Rate Schedule**

Moody's	S&P	Fitch	Current Facility Fee	Proposed Facility Fee
Aa1 or above	AA+ or above	AA+ or above	34 bps	29 bps
Aa2	AA	AA	49 bps	44 bps
Aa3	AA-	AA-	64 bps	59 bps
A1	A+	A+	79 bps	74 bps
A2	A	A	94 bps	89 bps
A3	A-	A-	109 bps	104 bps
Baa1	BBB+	BBB+	124 bps	119 bps

Fees in an amount not to exceed \$38,000 in cost for extending the current LOC will be incurred by the District as follows:

\$ 7,500	– District's Legal Fees (Stradling Yocca Carlson & Rauth)
\$ 8,500	– Bank of America's Legal Fees
\$11,000	– Rating Agency Fees
\$ 7,500	– Financial Advisor (Fieldman, Rolapp & Associates, Inc.)
<u>\$ 3,500</u>	<u>– Contingency for Unanticipated Costs</u>
\$38,000	

Staff identified two alternatives versus extending the current Bank of America LOC as follows: (1) issue an RFP to possibly obtain a lower cost LOC, and (2) not extend or replace the current LOC.

Issuing an RFP to possibly replace Bank of America as the LOC provider would be much costlier in terms of cost of issuance than extending the current liquidity facility. Approximately \$350,000 in cost of issuance including legal fees (banks and District's), rating agencies costs, preparing a new offering document and financial advisor fees would be incurred by the District for a bank replacement. The increased cost of issuance for possibly replacing the current bank has an impact on the breakeven fee that would be required of a new bank. The Table 2 below details that the District would need a competing bank to charge a fee of 17 basis points or less with a cost of issuance of approximately \$350,000 on a 2-year liquidity facility versus extending the current LOC with Bank of America at 29 basis points and an estimated \$38,000 in cost of issuance. If the Board elects to not replace or extend the expiring bank facility, a decision to not replace or extend the liquidity facility would result in the need to refund the variable rate bonds to a higher cost fixed rate financing. These alternatives are not recommended.

**Table 2**  
**Breakeven Analysis**

<b>Bank of America Extension:</b>			
Annual Fee - Basis Points	0.29%	\$131,545,000	
Cost of Issuance	\$38,000		
Year 1 Cost			\$419,480
Year 2 Cost			\$381,480
			<b>\$800,960</b>
<b>Possible Replacement Bank due to RFP Process:</b>			
Annual Fee - Basis Points	0.171%	\$131,545,000	
Cost of Issuance	\$350,000		
Year 1 Costs			\$575,480
Year 2 Costs			\$225,480
			<b>\$800,960</b>

Staff went through an RFP process to replace the Letter of Credit and Reimbursement Agreement with Citibank to provide credit liquidity for the District's 2003A variable rate debt in February 2021. After sending an RFP to nine banks a total of five bids were received ranging from 34 to 72 basis points and varying amounts of upfront costs.

Based on the breakeven analysis in Table 2, a competing bank would have to come in at less than 17.1 basis points to make the economics work to switch banks.

## **NEXT STEPS**

- Finalize and execute necessary legal and financing documents, including updated Fee Letter Agreement, First Amendment to Reimbursement Agreement documents in accordance with the Resolutions for the District and Financing Corporation.
- Trustee to notify the bondholders on April 16, 2024, of the LOC extension.

Based upon this analysis, it is recommended to extend the current Bank of America Letter of Credit for the District's 2003A variable rate debt.

## **PRIOR BOARD ACTION(S)**

4/21/21 - R21-4-70: Authorized an alternate credit facility and approving the execution and delivery of certain documents in connection therewith and certain other matters

**FIRST AMENDMENT TO REIMBURSEMENT AGREEMENT**

This First Amendment to Reimbursement Agreement (this “*Amendment*”) dated March 26, 2024 (the “*Amendment Date*”), is by and among ORANGE COUNTY WATER DISTRICT (the “*District*”), OCWD PUBLIC FACILITIES CORPORATION (the “*Corporation*”) and BANK OF AMERICA, N.A. (together with its successors and assigns, the “*Bank*”). All capitalized terms used herein and not defined herein shall have the set forth in the hereinafter defined Agreement.

**W I T N E S S E T H**

WHEREAS, the District, the Corporation and the Bank have previously entered into that Reimbursement Agreement dated as of May 1, 2021 (as amended, restated, supplemented or otherwise modified to date, the “*Agreement*”), pursuant to which the Bank issued that certain Irrevocable Transferable Letter of Credit dated May 17, 2021 (as amended, restated, supplemented or otherwise modified to date, the “*Letter of Credit*”), supporting the District’s Adjustable Rate Revenue Certificates of Participation Series 2003A (the “*Certificates*”);

WHEREAS, pursuant to Section 9.01 of the Agreement, the Agreement may be amended by a written amendment thereto, executed by the Bank, the Corporation and the District; and

WHEREAS, the District has requested that that the Bank extend the Stated Expiration Date of the Letter of Credit and make certain amendments to the Agreement, and the Bank has agreed to extend the Stated Expiration Date of the Letter of Credit and make such other amendments to the Agreement subject to the terms and conditions set forth herein.

NOW THEREFORE, in consideration of the premises, the parties hereto hereby agree as follows:

**SECTION 1. AMENDMENTS.**

Upon satisfaction of the conditions precedent set forth in Section 2 hereof, the Agreement shall be amended as follows:

1.01. Each reference in the Agreement to “U.S. Bank National Association” is hereby deleted and shall be replaced with “U.S. Bank Trust Company, National Association (as successor to U.S. Bank National Association)”.

1.02. The definitions of the following defined terms set forth in Section 1.01 of the Agreement are hereby amended in their entireties and as so amended shall be restated to read as follows:

“*Fee Letter*” means that certain Amended and Restated Fee Letter dated March 26, 2024, among the District, the Corporation and the Bank, as the same may be amended, restated, supplemented

or otherwise modified from time to time in accordance with the terms thereof and hereof.

*“Resolutions”* means the 2003 Resolution, the 2021 Resolution and the 2024 Resolution.

*“Sanction(s)”* means any sanction administered or enforced by the United States Government (including, without limitation, OFAC), the United Nations Security Council, the European Union, His Majesty’s Treasury (“HMT”) or other relevant sanctions authority.

1.03. Section 1.01 of the Agreement is hereby amended by the addition of the following new defined terms to be inserted in their appropriate places in the alphabetical sequence and to read as follows:

*“First Amendment”* means that certain First Amendment to Reimbursement Agreement dated March 26, 2024, among the District, the Corporation and the Bank.

*“2024 Resolution”* means, collectively, (i) the District’s Resolution [Number \_\_\_\_\_] adopted by the governing body of the District on March 20, 2024, and authorizing the execution and delivery by the District of the First Amendment, the Fee Letter and related matters and (ii) the Corporation’s Resolution [No. \_\_\_\_\_] adopted on March 20, 2024, authorizing the execution and delivery of the First Amendment, the Fee Letter and related matters.

1.04. Section 2.07 of the Agreement is hereby amended in its entirety and as so amended shall be restated to read as follows

*Section 2.07. Termination of Letter of Credit; Substitute Letter of Credit.* Notwithstanding any provisions of this Agreement to the contrary, the District agrees not to terminate this Agreement or the Letter of Credit or permanently reduce the Available Amount, except upon (i) the payment to the Bank of all Obligations payable hereunder and (ii) the District providing the Bank with ten (10) Business Day prior written notice of its intent to terminate this Agreement and the Letter of Credit or permanently reduce the Available Amount; *provided* that all payments to the Bank referred to in clause (i) above shall be made in immediately available funds; *provided further, however,* that any such termination of this Agreement or the Letter of Credit or the permanent reduction of the Available Amount shall be in compliance with the terms and conditions of the Trust Agreement and the Letter of Credit. The District agrees that any termination of the Letter of Credit as a result

of the provision of any Alternate Credit Facility will require, as a condition thereto, that the District or the issuer of any Alternate Credit Facility will provide funds on the date of such termination or provision, which funds will be sufficient to pay in full at the time of termination of such Letter of Credit all Obligations due and owing to the Bank hereunder.

1.05. Section 3.02(a)(iii) of the Agreement is hereby amended in its entirety and as so amended shall be restated to read as follows

(iii) impose on the Bank or the applicable interbank market any other condition, cost or expense affecting this Agreement, the Fee Letter or the Letter of Credit or any participation therein;

1.06. Sections 5.01(v) of the Agreement is hereby amended in its entirety and as so amended shall be restated to read as follows:

(v) *Sanctions Concerns and Anti-Corruption Laws.*

(i) *Sanctions Concerns.* Neither the District, nor, to the knowledge of the District, any director, officer, employee, agent, affiliate or representative thereof, is an individual or entity that is, or is owned or controlled by one or more individuals or entities that are (i) currently the subject or target of any Sanctions, (ii) included on OFAC's List of Specially Designated Nationals or HMT's Consolidated List of Financial Sanctions Targets List, or any similar list enforced by any other relevant sanctions authority or (iii) located, organized or resident in a Designated Jurisdiction.

(ii) *Anti-Corruption Laws.* The District has conducted its business in compliance in all material respects with the United States Foreign Corrupt Practices Act of 1977, the UK Bribery Act 2010 and other applicable anti-corruption legislation in other jurisdictions, and have instituted and maintained policies and procedures designed to promote and achieve compliance with such laws.

1.07. Section 5.02(n) of the Agreement is hereby amended in its entirety and as so amended shall be restated to read as follows:

(n) *Sanctions Concerns and Anti-Corruption Laws.*

(i) *Sanctions Concerns.* Neither the Corporation, nor, to the knowledge of the Corporation, any director, officer, employee, agent, affiliate or representative thereof, is an individual or entity that is, or is owned or controlled by one or more individuals or entities that are (i) currently the subject or target of any Sanctions,

(ii) included on OFAC's List of Specially Designated Nationals or HMT's Consolidated List of Financial Sanctions Targets List, or any similar list enforced by any other relevant sanctions authority or (iii) located, organized or resident in a Designated Jurisdiction.

(ii) *Anti-Corruption Laws.* The Corporation has conducted its business in compliance in all material respects with the United States Foreign Corrupt Practices Act of 1977, the UK Bribery Act 2010 and other applicable anti-corruption legislation in other jurisdictions, and have instituted and maintained policies and procedures designed to promote and achieve compliance with such laws.

1.08. Article VI of the Agreement is hereby amended by adding thereto a new Section 6.24 to appear in the appropriate numerical sequence and to read as follows

*Section 6.24. Anti-Corruption Laws; Sanctions.* Each of the Corporation and the District shall conduct its business in compliance in all material respects with the United States Foreign Corrupt Practices Act of 1977, the UK Bribery Act 2010 and other applicable anti-corruption legislation in other jurisdictions and with all applicable Sanctions.

1.09. Sections 8.01(b) of the Agreement is hereby amended in its entirety and as so amended shall be restated to read as follows

(ii) Failure of the District to observe or perform the covenants set forth in any of Sections 6.02, 6.03, 6.06, 6.09, 6.11, 6.12, 6.13, 6.14, 6.16, 6.17, 6.19, 6.20, 6.21, 6.22, 6.24, 7.01, 7.02, 7.03, 7.04, 7.06, 7.07, 7.08, 7.09, 7.10, 7.11, 7.12, 7.13, 7.15, 7.16, 7.18, or 7.19;

1.10. Schedule 9.02 of the Agreement is hereby amended in its entirety and as so amended shall be restated as set forth on Exhibit A attached hereto.

## SECTION 2. CONDITIONS PRECEDENT.

This Amendment shall become effective on the Amendment Date subject to the satisfaction of or waiver by the Bank of all of the following conditions precedent (such satisfaction to be evidenced by the Bank's execution and delivery of this Amendment):

2.01. Delivery by the Corporation and the District to the Bank of an executed counterpart of this Amendment.

2.02. Delivery by the Corporation and the District to the Bank of an executed counterpart of the Amended and Restated Fee Letter dated March 26, 2024 (the “*Amended and Restated Fee Letter*”), among the Corporation, the District and the Bank.

2.03. Receipt by the Bank of (i) a copy of the authorizing resolution of the District approving the execution and delivery of this Amendment and the Amended and Restated Fee Letter and performance of its obligations under the Agreement, and (ii) a customary certificate executed by an Authorized District Representative including the incumbency and signature of the officer of the District executing this Amendment and the Amended and Restated Fee Letter.

2.04. Receipt by the Bank of (i) a copy of the authorizing resolution of the Corporation approving the execution and delivery of this Amendment and the Amended and Restated Fee Letter and performance of its obligations under the Agreement, and (ii) a customary certificate executed by an Authorized Corporation Representative including the incumbency and signature of the officer of the Corporation executing this Amendment and the Amended and Restated Fee Letter.

2.05. Delivery to the Bank of a “no adverse effect opinion” of Bond Counsel with respect to the tax-exempt status of the Certificates.

2.06. Payment directly to Chapman and Cutler LLP, legal counsel to the Bank (“*Bank Counsel*”) within thirty (30) days of receipt of an invoice from Bank Counsel, of the reasonable legal fees and expenses of Bank Counsel.

2.07. All other legal matters pertaining to the execution and delivery of this Amendment shall be satisfactory to the Bank and its counsel.

### SECTION 3. REPRESENTATIONS AND WARRANTIES OF THE DISTRICT AND THE CORPORATION.

3.01. Each of the District and the Corporation hereby represents and warrants that the following statements shall be true and correct as of the date hereof:

(a) the representations and warranties of the District and the Corporation contained in Section 5.01 of the Agreement and in Section 5.02 of the Agreement, respectively, are true and correct on and as of the date hereof as though made on and as of such date (except to the extent the same expressly relate to an earlier date, and except that the representations contained in Section 5.01(i) of the Agreement shall be deemed to refer to the most recent financial statements of the District delivered to the Bank pursuant to Section 6.02(a)(i) of the Agreement); and

(b) no Default or Event of Default has occurred and is continuing or would result from the execution of this Amendment.

3.02. In addition to the representations given in Article V of the Agreement, each of the District and the Corporation hereby represents and warrants as follows:

(a) The execution, delivery and performance by the District and the Corporation of the Amended and Restated Fee Letter and this Amendment, and the performance of the Agreement, as amended hereby, are within its powers, have been duly authorized by all necessary action and do not contravene any law, rule or regulation, any judgment, order or decree or any contractual restriction binding on or affecting the District and the Corporation.

(b) No authorization, approval or other action by, and no notice to or filing with, any governmental authority or regulatory body is required for the due execution, delivery and performance by the District or the Corporation of this Amendment and the Amended and Restated Fee Letter or the performance by the District and the Corporation of the Agreement, as amended hereby.

(c) The Amended and Restated Fee Letter, this Amendment and the Agreement, as amended hereby, constitute legal, valid and binding obligations of the District and the Corporation enforceable against the District and the Corporation in accordance with their respective terms, except that (i) the enforcement thereof may be limited by bankruptcy, reorganization, insolvency, liquidation, moratorium and other laws relating to or affecting the enforcement of creditors' rights and remedies generally, as the same may be applied in the event of the bankruptcy, reorganization, insolvency, liquidation or similar situation of the District or the Corporation, and (ii) no representation or warranty is expressed as to the availability of equitable remedies.

#### SECTION 4. REQUEST FOR EXTENSION OF STATED EXPIRATION DATE.

The District hereby request that the Bank extend the Stated Expiration Date of the Letter of Credit to March 25, 2026 and the Bank hereby agrees to such request and will deliver to the Trustee a copy of the Notice of Extension with respect to the Letter of Credit in the form attached hereto as Exhibit B to effectuate such extension.

#### SECTION 5. MISCELLANEOUS.

Except as specifically amended herein, the Agreement shall continue in full force and effect in accordance with its original terms. Reference to this specific Amendment need not be made in any note, document, agreement, letter, certificate, the Agreement or any communication issued or made subsequent to or with respect to the Agreement, it being hereby agreed that any reference to the Agreement shall be sufficient to refer to the Agreement, as hereby amended. In case any one or more of the provisions contained herein should be invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein shall not in any way be affected or impaired hereby. THIS AMENDMENT AND ANY CLAIMS, CONTROVERSY, DISPUTE OR CAUSE OF ACTION (WHETHER IN CONTRACT OR TORT OR OTHERWISE) BASED UPON, ARISING OUT OF OR RELATING TO THIS AMENDMENT AND THE TRANSACTIONS CONTEMPLATED HEREBY AND THEREBY SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK; PROVIDED THAT THE POWER AND AUTHORITY OF THE DISTRICT TO EXECUTE, DELIVER AND PERFORM ITS OBLIGATIONS HEREUNDER SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE.

This Amendment may be simultaneously executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument. This Amendment may be delivered by the exchange of signed signature pages by facsimile transmission or by e-mail with a pdf copy or other replicating image attached, and any printed or copied version of any signature page so delivered shall have the same force and effect as an originally signed version of such signature page.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be duly executed and delivered by their respective officers hereunto duly authorized as of the Amendment Date.

ORANGE COUNTY WATER DISTRICT

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

APPROVED AS TO FORM:

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

OCWD PUBLIC FACILITIES CORPORATION

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

BANK OF AMERICA, N.A.

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

*[Signature Page to First Amendment to Reimbursement Agreement]*

**EXHIBIT A**

**SCHEDULE 9.02**

Bank:

Bank of America, N.A.  
315 Montgomery Street, 1st Floor  
San Francisco, California 94104  
Telephone: (415) 913-2325  
Facsimile: (213) 984-4051  
Attention: Grace L. Barvin  
Email: grace.barvin@bofa.com

with copy to:

Bank of America, N.A.  
111 N. Wacker Drive  
Chicago, Illinois 60606-1511  
Attention: Tiffany Chiu  
Telephone: (312) 234-4428  
Email: tiffany.chiu2@bofa.com

and, with respect to the Letter of Credit:

Bank of America, N.A.  
1 Fleet Way, PA6-580-02-30  
Scranton, PA 18507  
Attention: Standby Letter of Credit Department  
Telephone: (800) 370-7519 OPT 1  
Facsimile: (800) 755-8743

if to the District, addressed to the District at:

Orange County Water District  
18700 Ward Street  
Fountain Valley, CA 92708  
Attention: General Manager  
Telephone: (714) 378-3304  
Facsimile: (714) 378-3373  
E-Mail: jkennedy@ocwd.com

if to the Corporation, addressed to the Corporation at:

Orange County Water District  
18700 Ward Street  
Fountain Valley, CA 92708  
Attention: Chief Financial Officer  
Telephone: (714) 378-3271  
Facsimile: (714) 378-3373  
E-Mail: [rfick@ocwd.com](mailto:rfick@ocwd.com)

or if to the Trustee or Tender Agent, addressed to it at:

U.S. Bank National Association  
633 West Fifth Street, 24th Floor  
Los Angeles, CA 90071  
Attention: Global Corporate Trust  
Email: [nabeel@badawi@usbank.com](mailto:nabeel@badawi@usbank.com)

or if to the Remarketing Agent, addressed to it at:

Morgan Stanley & Co. LLC  
1999 Avenue of the Stars, Suite 2400  
Los Angeles, CA 90067  
Attention: Dan Kurz  
Telephone: (310) 788-2171  
E-Mail: [Daniel.Kurz@morganstanley.com](mailto:Daniel.Kurz@morganstanley.com)

**EXHIBIT B**

**NOTICE OF EXTENSION**

March 26, 2024

U.S. Bank Trust Company, National Association  
633 West Fifth Street, 24<sup>th</sup> Floor  
Los Angeles, CA 90071  
Attention: Global Corporate Trust

Ladies and Gentlemen:

Reference is hereby made to that certain Irrevocable Transferable Letter of Credit No. 68175918 dated May 17, 2021 (as amended, the “*Letter of Credit*”), established by us in your favor as Beneficiary. We hereby notify you that, in accordance with the terms of the Letter of Credit, the Stated Expiration Date (as defined in the Letter of Credit) has been extended to March 25, 2026.

Each reference in the Letter of Credit and each Annex thereto to “U.S. Bank National Association” is hereby deleted and shall be replaced with “U.S. Bank Trust Company, National Association (as successor to U.S. Bank National Association)”.

This letter shall be attached to the Letter of Credit and made a part thereof.

BANK OF AMERICA, N.A.

By \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**AMENDED AND RESTATED FEE LETTER  
DATED MARCH 26, 2024**

Reference is hereby made to (i) that certain Reimbursement Agreement dated as of May 1, 2021 (as amended, restated, supplemented or otherwise modified, the “*Agreement*”), by and among ORANGE COUNTY WATER DISTRICT (the “*District*”), OCWD PUBLIC FACILITIES CORPORATION (the “*Corporation*”) and BANK OF AMERICA, N.A. (together with its successors and assigns, the “*Bank*”), relating to the District’s Adjustable Rate Revenue Certificates of Participation Series 2003A (the “*Certificates*”), (ii) that certain Irrevocable Transferable Letter of Credit dated May 17, 2021 (as amended, restated, supplemented or otherwise modified, the “*Letter of Credit*”), issued pursuant to the Agreement, supporting the Certificates and (iii) that certain Fee Letter dated May 17, 2021 (the “*Existing Fee Letter*”), among the District, the Corporation and the Bank.

The District and the Corporation have requested that the Bank make certain modifications to the Existing Fee Letter, and, for the sake of clarity and convenience, the Bank, the District and the Corporation wish to amend and restate the Existing Fee Letter in its entirety and this Amended and Restated Fee Letter (this “*Fee Letter*”) shall amend and restate the Existing Fee Letter in its entirety. The purpose of this Fee Letter is to confirm the agreement among the Bank, the District and the Corporation with respect to the Letter of Credit Fee (as defined below) and certain other fees and expenses payable by the District to the Bank pursuant to the Agreement. This Fee Letter is the Fee Letter referenced in the Agreement. This Fee Letter and the Agreement are to be construed as one agreement by and among the District, the Corporation and the Bank, and all obligations hereunder are to be construed as obligations thereunder payable solely from the sources set forth in the Agreement. All references to amounts due and payable under the Agreement will be deemed to include all amounts, fees and expenses payable under this Fee Letter.

**ARTICLE I. DEFINITIONS.**

As used in this Fee Letter:

- (a) “*Letter of Credit Fee*” has the meaning set forth in Section 2.1 hereof.
- (b) “*Letter of Credit Fee Rate*” has the meaning set forth in Section 2.1 hereof.
- (c) “*Quarterly Payment Date*” has the meaning set forth in Section 2.1 hereof.

Any capitalized terms used herein that are not specifically defined herein shall have the same meanings herein as in the Agreement.

**ARTICLE II. FEES.**

*Section 2.1. Letter of Credit Fee.* The District agrees to pay or cause to be paid to the Bank April 1, 2024, for the period commencing on January 1, 2024 and ending on March 31, 2024, and quarterly in arrears on the first Business Day of each July, October, January and April (each such date referred to herein as a “*Quarterly Payment Date*”) occurring thereafter to the

Termination Date, and on the Termination Date, a non-refundable Letter of Credit Fee (the “*Letter of Credit Fee*”) in an amount equal to the product of (x) the applicable rate per annum for each day associated with the applicable Rating (as defined below) and corresponding Level specified in the pricing matrices below for each such day during each related fee period (the “*Letter of Credit Fee Rate*”) and (y) the Stated Amount of the Letter of Credit (without regard to any temporary reductions thereof) for each such day during each related fee period as follows:

(i) For the period commencing on January 1, 2024, to but not including March 26, 2024, the Letter of Credit Fee Rate shall be determined as follows:

LEVEL	MOODY'S RATING	S&P RATING	FITCH RATING	FACILITY FEE RATE
1	Aa1 or above	AA+ or above	AA+ or above	0.34%
2	Aa2	AA	AA	0.49%
3	Aa3	AA-	AA-	0.64%
4	A1	A+	A+	0.79%
5	A2	A	A	0.94%
6	A3	A-	A-	1.09%
7	Baa1	BBB+	BBB+	1.24%

(ii) For the period commencing on March 26, 2024, and at all times thereafter, the Letter of Credit Fee Rate shall be determined as follows:

LEVEL	MOODY'S RATING	S&P RATING	FITCH RATING	FACILITY FEE RATE
1	Aa1 or above	AA+ or above	AA+ or above	0.29%
2	Aa2	AA	AA	0.44%
3	Aa3	AA-	AA-	0.59%
4	A1	A+	A+	0.74%
5	A2	A	A	0.89%
6	A3	A-	A-	1.04%
7	Baa1	BBB+	BBB+	1.19%

The following paragraph applies to each pricing grid set forth above. The term “*Rating*” as used above shall mean the Obligor Rating assigned by any of Moody's, S&P or Fitch (without regard to any form of credit enhancement). For the avoidance of doubt, in the event of split Ratings (i.e., one or more of the Rating Agency's Ratings is at a different level than any other Rating by either of the other Rating Agencies), the Letter of Credit Fee Rate shall be based upon the Level in which the lowest such Rating appears (for the avoidance of doubt, Level 7 is the lowest Level and Level 1 is the highest Level for purposes of the above pricing grids). Any change in the Letter of Credit Fee Rate resulting from a change in the Rating or any of the other events described in this paragraph shall be and become effective as of and on the date of the announcement of the change in the Rating or the occurrence of any such other event. References to Ratings above are references to rating categories as presently determined by the Rating Agencies, and in the event of

adoption of any new or changed rating system by any such Rating Agency, including, without limitation, any recalibration of the Ratings in connection with the adoption of a “global” rating scale, each of the Ratings from the Rating Agency in question referred to above shall be deemed to refer to the rating category under the new rating system which most closely approximates the applicable rating category as currently in effect. The District acknowledges that as of the date hereof the Letter of Credit Fee Rate is that specified above for Level 1 of the pricing grid set forth under paragraph (ii) above. In the event that any relevant rating is suspended, withdrawn or otherwise unavailable from any Rating Agency, and for so long as such relevant rating remains so suspended, withdrawn or otherwise unavailable, or upon the occurrence and during the continuance of any Default or Event of Default, in each such case, the Letter of Credit Fee Rate shall, immediately and automatically and without notice to the District or the Corporation, increase by an additional 1.50% per annum above that set forth in Level 7 of the applicable pricing matrix above. All increases to the Letter of Credit Fees set forth in this Section 2.1 shall be cumulative. The Letter of Credit Fee shall be payable in immediately available funds and computed on the basis of a year of 360 days and the actual number of days elapsed.

*Section 2.2. Draw Fees.* The District agrees to pay to the Bank a non-refundable drawing fee equal to \$295 for each Drawing under the Letter of Credit.

*Section 2.3. Transfer Fee.* As a condition precedent to each transfer of the Letter of Credit in accordance with its terms or the appointment of a successor Trustee, the District agrees to pay the Bank a non-refundable fee of \$2,500, and to reimburse the Bank for its actual costs and expenses associated with such transfer or appointment (including, without limitation, the reasonable fees and expenses of counsel to the Bank).

*Section 2.4. Amendment, Waiver Fee and Other Fees and Expenses.* As a condition precedent thereto, the District agrees to pay to the Bank in connection with each amendment, supplement, or modification to the Agreement (or any Related Document, the amendment, supplement or modification of which requires the consent of the Bank), or execution of any standard waiver or consent, a non-refundable fee equal to \$2,500 (the “*Amendment Fee*”), or such other fee as may be agreed to between the District and the Bank, plus, in each case, the reasonable fees and expenses of counsel to the Bank; *provided, however*, that the Amendment Fee for any non-standard waiver or consent shall be in an amount as may be agreed to between the District and the Bank determined at the time such non-standard waiver or consent is requested by the District.

*Section 2.5. Termination; Reduction.* The District may terminate or replace, or cause the termination or replacement of, the Letter of Credit or permanently reduce the Available Amount of the Letter of Credit at any time without penalty, provided that the District shall (i) provide the Bank with ten (10) Business Day prior written notice of its intent to terminate the Agreement and the Letter of Credit or permanently reduce the Available Amount of the Letter of Credit and (ii) pay to the Bank all Obligations hereunder and under the Agreement.

*Section 2.6. Payment Office.* For purposes of the Agreement, “*Payment Office*” means Bank of America N.A., ABA #: 026009593, Account Number: 1365840632100, Reference: Orange County WD, Attn: BL Operations, or such other account as the Bank may designate from time to time.

*Section 2.7. Payment Due Date and Default Rate.* To the extent any fee payable under this Fee Letter is not paid when due, such fee shall accrue interest from the date payment is due until payment in full at a per annum rate of interest equal to the Default Rate to the extent allowed by law.

### ARTICLE III. MISCELLANEOUS.

*Section 3.1. Fees and Expenses.* The District shall pay the reasonable fees of domestic counsel to the Bank incurred in connection with the preparation of the First Amendment to Reimbursement Agreement dated as of the date hereof, among the District, the Corporation and the Bank, this Fee Letter and certain other Related Documents, in an amount not to exceed \$8,500 plus disbursements, directly to such counsel upon receipt of an invoice therefor; *provided* that such fees of counsel may be paid by the District within thirty (30) days following the date hereof.

*Section 3.2. Amendments.* No amendment to this Fee Letter shall become effective without the prior written consent of the District, the Corporation and the Bank.

*Section 3.3. Governing Law.* THIS FEE LETTER AND ANY CLAIMS, CONTROVERSY, DISPUTE OR CAUSE OF ACTION (WHETHER IN CONTRACT OR TORT OR OTHERWISE) BASED UPON, ARISING OUT OF OR RELATING TO THIS FEE LETTER AND THE TRANSACTIONS CONTEMPLATED HEREBY SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK; *PROVIDED* THAT THE OBLIGATIONS OF THE DISTRICT HEREUNDER SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF CALIFORNIA.

*Section 3.4. Counterparts.* This Fee Letter may be executed in two or more counterparts, each of which shall constitute an original but both or all of which, when taken together, shall constitute but one instrument; and any of the parties hereto may execute this Fee Letter by signing such counterpart. This Fee Letter may be delivered by the exchange of signed signature pages by facsimile transmission or by attaching a pdf copy to an email, and any printed or copied version of any signature page so delivered shall have the same force and effect as an originally signed version of such signature page.

*Section 3.5. Severability.* Any provision of this Fee Letter which is prohibited, unenforceable or not authorized in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition, unenforceability or non-authorization without invalidating the remaining provisions hereof or affecting the validity, enforceability or legality of such provision in any other jurisdiction.

*Section 3.6. Confidentiality.* This Fee Letter is delivered to the District and the Corporation on the understanding that neither this Fee Letter nor any of its terms shall be disclosed, directly or indirectly, to any other Person except (a) to the District's and the Corporation's officers, directors, employees, accountants, attorneys, agents and advisors who are directly involved in the consideration of this matter on a confidential and need-to-know basis and for whose breach of this confidentiality undertaking the District and the Corporation shall be responsible or (b) under compulsion of law (whether by interrogatory, subpoena, civil investigative demand, open records request or otherwise) or by order of any court or governmental or regulatory body; *provided* that,

to the extent lawful, the District and the Corporation shall give the Bank reasonable prior notice of such disclosure.

*Section 3.7. Amendment and Restatement.* This Fee Letter amends and restates in its entirety the Existing Fee Letter but is not intended to be or operate as a novation or an accord and satisfaction of the Existing Fee Letter or the indebtedness, obligations and liabilities of the District evidenced or provided for thereunder. The parties hereto agree that this Fee Letter does not extinguish or discharge the obligations of the District or the Bank under the Existing Fee Letter. Reference to this specific Fee Letter need not be made in any Related Document or any other agreement, document, instrument, letter, certificate, the Existing Fee Letter itself, or any communication issued or made pursuant to or with respect to the Existing Fee Letter, any reference to the Fee Letter being sufficient to refer to the Existing Fee Letter as amended and restated hereby, and more specifically, any and all references to the Fee Letter in the Agreement shall mean this Fee Letter.

[SIGNATURE PAGES FOLLOW]

IN WITNESS WHEREOF, the parties hereto have caused this Fee Letter to be duly executed and delivered by their respective officers thereunto duly authorized as of the date first written above.

ORANGE COUNTY WATER DISTRICT

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

APPROVED AS TO FORM:

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

*[Signature Page to Amended and Restated Fee Letter]*

OCWD PUBLIC FACILITIES CORPORATION

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

BANK OF AMERICA, N.A.

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

*[Signature Page to Amended and Restated Fee Letter]*

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION OF THE ORANGE COUNTY WATER DISTRICT AUTHORIZING AN AMENDMENT TO AN EXISTING REIMBURSEMENT AGREEMENT, THE EXTENSION OF THE STATED EXPIRATION DATE OF AN EXISTING LETTER OF CREDIT AND APPROVING THE EXECUTION AND DELIVERY OF CERTAIN DOCUMENTS IN CONNECTION THEREWITH AND CERTAIN OTHER MATTERS**

WHEREAS, the Orange County Water District (the “District”), a political subdivision duly organized and existing under and by virtue of the laws of the State of California, has previously caused Adjustable Rate Revenue Certificates of Participation, Series 2003A (the “2003A Certificates”) to be executed and delivered to finance certain facilities of the District; and

WHEREAS, the District previously entered into a Reimbursement Agreement, dated May 1, 2021 (the “Reimbursement Agreement”), by and among the District, the OCWD Public Facilities Corporation (the “Corporation”) and Bank of America, N.A. (the “Bank”), pursuant to which the Bank delivered a letter of credit (the “Existing Letter of Credit”) to provide support for the payment of principal and interest evidenced by the 2003A Certificates; and

WHEREAS, the Board of Directors of the District (the “Board”) has determined that it is in the best interest of the District to authorize an extension of the Existing Letter of Credit;

NOW, THEREFORE, the Board of Directors of the Orange County Water District does hereby resolve as follows:

1. The First Amendment to Reimbursement Agreement (the “First Amendment to Reimbursement Agreement”), and a related Amended and Restated Fee Letter (the “Amended and Restated Fee Letter”), in substantially the forms attached hereto as Exhibit A and, upon execution as authorized below, made a part hereof as though set forth in full herein, are hereby approved. The President, First Vice President or Second Vice President or the General Manager or the designee thereof is hereby authorized and directed to execute and deliver the First Amendment to Reimbursement Agreement and the Amended and Restated Fee Letter with such changes, insertions and omissions as may be recommended by General Counsel, or by the District’s special counsel, Stradling Yocca Carlson & Rauth (“Special Counsel”), and approved by the officers executing the same, said execution being conclusive evidence of such approval.

2. The Board acknowledges that the good faith estimates required by Section 5852.1 of the California Government Code are disclosed in Exhibit B attached to this Resolution and are available to the public at the meeting at which this Resolution is approved.

3. The President, First Vice President or Second Vice President or the General Manager, the Chief Financial Officer or his/her designee and any other proper officer of the District, acting singly, is hereby authorized and directed to execute and deliver any and all documents and instruments and to do and cause to be done any and all acts and things necessary or proper for carrying out the extension of the Existing Letter of Credit and the transactions contemplated by the First

Amendment to Reimbursement Agreement and the Amended and Restated Fee Letter and this resolution, and such actions previously taken by such officers are hereby ratified, confirmed and approved.

4. This resolution shall take effect immediately.

I DO HEREBY CERTIFY that the foregoing is a true and correct copy of the Resolution adopted by the Board of Directors of the Orange County Water District on March 20, 2024.

---

District Secretary

EXHIBIT A

FIRST AMENDMENT TO REIMBURSEMENT AGREEMENT  
AND AMENDED AND RESTATED FEE LETTER

**EXHIBIT B**  
**GOOD FAITH ESTIMATES**

Set forth below are good faith estimates of Fieldman, Rolapp & Associates, Inc., the municipal advisor, as required under Section 5852.1 of the California Government Code (the “Code”), related to the Amended and Restated Reimbursement Agreement:

- (a) The true interest cost relating to the Amended and Restated Reimbursement Agreement is estimated at 3.33%, calculated as provided in Section 5852.1(a)(1)(A) of the Code and assuming the District’s swap rate.
- (b) The finance charge relating to the Amended and Restated Reimbursement Agreement, including all fees and charges paid to third parties, is estimated at \$38,000.
- (c) Proceeds expected to be received by the District as a result of the execution and delivery of the Amended and Restated Reimbursement Agreement, less the finance charge described in (b) above and any capitalized interest or reserves paid from proceeds received as a result of the execution and delivery of the Amended and Restated Reimbursement Agreement (if any), is equal to \$0 since the Amended and Restated Reimbursement Agreement represents only an extension of the letter of credit and there are no proceeds in connection with this documentation.
- (d) The total payment amount calculated as provided in Section 5852.1(a)(1)(D) of the Code is estimated at \$188,100,508 through the final maturity of the 2003A Certificates assuming the same letter of credit fee.

The foregoing are estimates and the final costs will depend on market conditions and can be expected to vary from the estimated amounts set forth above. It is the purpose of this Exhibit B to disclose the required information, which has been obtained in accordance with law.

**RESOLUTION NO. C-\_\_-\_\_**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
OCWD PUBLIC FACILITIES CORPORATION APPROVING  
AN AMENDMENT TO AN EXISTING REIMBURSEMENT  
AGREEMENT, THE EXTENSION OF THE STATED  
EXPIRATION DATE OF AN EXISTING LETTER OF CREDIT,  
THE EXECUTION AND DELIVERY OF CERTAIN  
DOCUMENTS IN CONNECTION THEREWITH AND  
CERTAIN OTHER MATTERS**

WHEREAS, the OCWD Public Facilities Corporation is a nonprofit public benefit corporation organized and existing under the laws of the State of California (the “Corporation”) with the authority to assist in the financing of certain facilities on behalf of the Orange County Water District (the “District”); and

WHEREAS, the Board of Directors of the Corporation (the “Board”) has previously assisted the District with respect to the execution and delivery of certificates of participation (the “2003A Certificates”) to finance certain facilities of the District, and has previously authorized the execution of certain agreements in connection therewith; and

WHEREAS, the District and the Corporation previously entered into a Reimbursement Agreement, dated May 1, 2021 (the “Reimbursement Agreement”), with Bank of America, N.A. (the “Bank”), pursuant to which the Bank delivered a letter of credit (the “Existing Letter of Credit”) to provide support for the payment of principal and interest evidenced by the 2003A Certificates; and

WHEREAS, the District has determined that it is in the best interest of the District to authorize an extension of the Existing Letter of Credit;

NOW, THEREFORE, the Board does hereby resolve as follows:

**SECTION 1. First Amendment to Reimbursement Agreement and Amended and Restated Fee Letter.** The First Amendment to Reimbursement Agreement (the “First Amendment to Reimbursement Agreement”), and a related Amended and Restated Fee Letter (the “Amended and Restated Fee Letter”), in substantially the forms attached hereto as Exhibit A and, upon execution as authorized below, made a part hereof as though set forth in full herein, is hereby approved. The President, Vice President, Secretary or the designee thereof is hereby authorized and directed to execute and deliver the First Amendment to Reimbursement Agreement and the Amended and Restated Fee Letter with such changes, insertions and omissions as may be approved by the officers executing the same, said execution being conclusive evidence of such approval.

**SECTION 2. Good Faith Estimates.** The Board acknowledges that the good faith estimates required by Section 5852.1 of the California Government Code are disclosed in Exhibit B attached to this Resolution and are available to the public at the meeting at which this Resolution is approved.

**SECTION 3. Other Actions.** The President, Vice President, Chief Financial Officer, Secretary, Assistant Secretary and such other officers of the Corporation are authorized and directed, jointly and severally, to do any and all things and to execute and deliver any and all documents which

such officers may deem necessary or advisable in order to carry out the extension of the Existing Letter of Credit and the transactions contemplated by the First Amendment to Reimbursement Agreement and the Amended and Restated Fee Letter and otherwise effectuate the purposes of this Resolution, and such actions previously taken by such officers are hereby ratified, confirmed and approved.

SECTION 4. Effect. This Resolution shall take effect immediately.

I DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. C-\_\_\_\_-\_\_\_\_ adopted by the Board of Directors of the OCWD Public Facilities Corporation on March 20, 2024.

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Corporation Secretary

EXHIBIT A

FIRST AMENDMENT TO REIMBURSEMENT AGREEMENT  
AND AMENDED AND RESTATED FEE LETTER

**EXHIBIT B**  
**GOOD FAITH ESTIMATES**

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- (a) The true interest cost relating to the Amended and Restated Reimbursement Agreement is estimated at 3.33%, calculated as provided in Section 5852.1(a)(1)(A) of the Code and assuming the District’s swap rate.
- (b) The finance charge relating to the Amended and Restated Reimbursement Agreement, including all fees and charges paid to third parties, is estimated at \$38,000.
- (c) Proceeds expected to be received by the District as a result of the execution and delivery of the Amended and Restated Reimbursement Agreement, less the finance charge described in (b) above and any capitalized interest or reserves paid from proceeds received as a result of the execution and delivery of the Amended and Restated Reimbursement Agreement (if any), is equal to \$0 since the Amended and Restated Reimbursement Agreement represents only an extension of the letter of credit and there are no proceeds in connection with this documentation.
- (d) The total payment amount calculated as provided in Section 5852.1(a)(1)(D) of the Code is estimated at \$188,100,508 through the final maturity of the 2003A Certificates assuming the same letter of credit fee.

The foregoing are estimates and the final costs will depend on market conditions and can be expected to vary from the estimated amounts set forth above. It is the purpose of this Exhibit B to disclose the required information, which has been obtained in accordance with law.



# **Letter of Credit Extension 2003A Variable Rate Debt**

Administration/Finance Issues Committee



March 14, 2024

# Overview

- District is required to obtain a letter of credit to support its 2003A variable rate debt.
- Originally obtained Bank of America three-year letter of credit (LOC) on May 17, 2021, at 34 basis points.
  - Bank of America has made an offer to extend the current LOC at a rate of 29 basis points for two years from the May 16, 2024, expiration date of the existing LOC.

# Proposed Bank of America LOC Pricing

Moody's	S&P	Fitch	Current Facility Fee (3 Year LOC)	Proposed Facility Fee (2 Year LOC)
Aa1 or higher	AA+ or higher	AA+ or higher	34 bps	29 bps
Aa2	AA	AA	49 bps	44 bps
Aa3	AA-	AA-	64 bps	59 bps
A1	A+	A+	79 bps	74 bps
A2	A	A	94 bps	89 bps
A3	A-	A-	109 bps	104 bps
Baa1	BBB+	BBB+	124 bps	119 bps

bps = basis point

# **Estimated Upfront Cost of Extending LOC versus Bank Substitution**

<b>Costs</b>	<b>LOC Extension</b>	<b>Bank Substitution</b>
Bond Counsel	\$7,500	\$50,000
Rating Agencies	\$11,000	\$200,000
Financial Adviser	\$7,500	\$50,000
Bank Counsel	\$8,500	\$50,000
Miscellaneous	\$3,500	\$0
<b>Total</b>	<b>\$38,000</b>	<b>\$350,000</b>

## Breakeven Analysis at 17.1 Basis Points (assuming current ratings)

	<b>LOC Extension</b>	<b>Bank Substitution</b>
Annual Fee	29 bps	17.1 bps
Year 1 Costs	\$419,480	\$575,480
Year 2 Costs	\$381,480	\$225,480
Total	\$800,960	\$800,960

# Advantages of Extending LOC

- Lower cost of issuance due to extending the LOC versus a possible bank substitution process
- The District can optionally terminate the 2-year LOC with no cost with 10 days notice
- The new LOC Agreement will have substantially similar provisions as expiring LOC
- The District went through a Request for Proposal process in February 2021 to replace the bank LOC for its 2003A variable rate debt
  - The best rate obtained was 34 bps from Bank of America

# Recommendation

- Agendize for March 20 Board meeting:
- 1) Approve District and Corporation resolutions and execution of documents necessary to extend the current Letter of Credit and Reimbursement Agreement with Bank of America for the 2003A variable rate debt for a term of 2 years consistent with the offer provided by Bank of America and authorize the General Manager to execute such documents including minor changes requested by rating agencies or other participants in the transaction; and
- 2) Authorize payment for the costs of issuance not to exceed \$38,000.



## **AGENDA ITEM SUBMITTAL**

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte.  
Board of Directors

**From:** John Kennedy

**Staff Contact:** R. Fick

**Budgeted:** N/A

**Budgeted Amount:** N/A

**Cost Estimate:** N/A

**Funding Source:** N/A

**Program/Line Item No:** N/A

**General Counsel Approval:** N/A

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

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**Subject: PROPOSED FY 2024-25 BUDGET REPLACEMENT & REFURBISHMENT  
(R&R) FUND EXPENDITURE REVIEW**

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### **SUMMARY**

Staff will present the proposed Replacement and Refurbishment (R&R) Fund Budget to the Committee. Section 10 from the budget book provided to the Board on March 6, 2024 is attached, along with a summary/justification sheet for each of the 47 items recommended for inclusion in the budget.

#### Attachments:

- FY 2024-25 Draft Budget - Section 10
- Proposed R&R Fund Requests FY 24-25
- Justification sheets for 47 items in proposed budget
- Presentation

### **RECOMMENDATION**

Informational

### **DISCUSSION / ANALYSIS**

The District has over \$1.5 billion dollars in fixed assets that require constant replacement and/or refurbishment. The District created a Replacement and Refurbishment (R&R) fund in FY 1998-99 to: (1) ensure sufficient funding was always available to maintain these assets; and (2) avoid rate spikes to the Replenishment Assessment to fund needed asset replacement and/or refurbishment. The District is proposing to contribute \$27.0 million to the R&R fund in FY 2024-25, while the District will spend \$23.6 million on various replacement and refurbishment projects.

A replacement and refurbishment model was developed in 1998 which included District assets and used engineer's estimates for the useful life of each asset. The R&R model is capable of forecasting future costs and required revenue streams and is updated periodically with new assets or removing retired assets.

The annual transfer amount into the R&R fund increases annually to provide sufficient funds to meet future expected R&R expenditures. With the GWRS Initial Expansion project completed in 2015, over \$100 million of new assets and infrastructure was added to the R&R model. Additionally, the GWRS Final Expansion project added new assets and infrastructure of approximately \$280 million.

Actual expenditures from the fund vary each year depending upon which District assets have reached the end of their useful life and need to be replaced or which assets can have their lives extended by refurbishing them.

Some of the larger proposed R&R expenditures in the FY 2024-25 budget include:

- Replacement of 5,472 MF PP Membranes in MF Train C (\$5,700,000).
- Santiago Floating Pump and Motor (\$3,500,000).
- Orange Storm Drain at Bond Basin (\$3,000,000).
- Replacement of Butterfly valves and actuators at Anaheim Lake (\$2,500,000).
- Replacement of RO CIP PVC piping system with SS in area A520 (\$1,500,000).

**PRIOR RELEVANT BOARD ACTION(S)** Annual

## **REPLACEMENT AND REFURBISHMENT BUDGET**

The District has over \$1.5 billion in assets, excluding construction in progress, that will need to be replaced or refurbished at some point in the future. To prevent additional pressure on the Replenishment Assessment, a replacement and refurbishment model was developed in 1998, which included all District assets and used engineer's estimates for the useful life of each asset. This model is capable of forecasting future costs and required revenue streams and is updated annually.

The Replacement and Refurbishment (R&R) fund was originally funded in FY 1998-99 with \$15 million from the District Replacement Reserves and \$20 million from the Orange County bankruptcy proceeds.

In 2004 the R&R program was downsized to only include infrastructure type assets. The amount of money annually transferred into the R&R program was reduced from \$4.5 million annually to \$2.8 million. The annual transfer amount for the budget year 2024-25 has grown by \$1.8 million to provide sufficient funds to meet future expected R&R expenses. The fiscal year 2024-25 contribution is \$27.0 million.

An update to the R&R Model was made in 2007 and the changes included:

1. All infrastructure replacement costs have been updated.
2. The R&R Fund balance was set at the current amount of \$61.8 million with an expected interest earnings rate of 5% over the next 30 years.
3. The inflation rate was increased from 3% to 3.5% to reflect recent increases in construction materials.
4. The cost of repairing and refurbishing the Talbert barrier injection wells has been moved out of the R&R program and into the District's general fund.
5. The cost of major lab equipment costing greater than \$100,000 has been moved into the R&R program.

Another update to the Model was conducted in 2011 and the changes included the following:

1. Eliminated the replacement of the Green Acres Project's conventional filtration technology as it will be replaced by an expansion of the microfiltration treatment of GWRS.
2. The Basin Cleaning Vehicles (BCV) was removed from the R&R Model as the BCV Program was discontinued.
3. Pump stations electrical and pumps were separated from buildings as they were previously treated as a single unit in the R&R Model.
4. Transferred \$10 million in reserves from the R&R Fund to the Operating Fund.

Actual expenditures from the fund vary significantly each year depending on which District assets have reached the end of their useful life and need to be replaced or which assets

can have their lives extended by refurbishing them. The proposed FY 2024-25 R&R budget expenditure is \$23.6 million and includes 47 projects. Top five are listed below:

- Replacement of 5,472 MF PP Membranes in MF Train C (\$5,700,000).
- Santiago Floating Pump & Motor (\$3,500,000).
- Orange Storm Drain at Bond Basin (\$3,000,000).
- Replacement of Butterfly valves and actuators at Anaheim Lake (\$2,500,000).
- Replacement of RO CIP PVC piping system with SS in area A520 (\$1,500,000).

**FISCAL YEAR 2024-25**  
**PROPOSED REPLACEMENT & REFURBISHMENT FUND REQUESTS**

#	Project ID	Item	Description	Department	Salaries & Benefits	Project Cost	Total Project Cost	Asset Class	Refurbishment or Replacement	Asset Age
<b>Water Quality (1036)</b>										
1	R24****	Westbay Water Quality Monitoring Vehicle	The Westbay water quality monitoring vehicle is a specialized, one-of-a-kind vehicle designed to safely and effectively perform water quality monitoring of the multi-port monitoring wells located throughout the Orange County groundwater basin. OCWD has 56 separate multi-port monitoring wells with over 550 separate monitoring ports that provide important groundwater quality data. The current vehicle to be replaced was purchased in 1999 and has served the Water Quality Department for 25 years.	Water Quality (1036)		380,000	380,000	Vehicles > \$50,000	Replacement	25 yrs
				Total	Water Quality (1036)	\$ -	\$ 380,000	\$ 380,000		
<b>Laboratory (1038)</b>										
2	R24****	Lab washroom remodel	Remove corroded stainless steel cabinetry used in lab washroom and replace with chemically resistant plastic, install new fume hoods and safety showers (14+ years old)	Laboratory (1038)		980,000	980,000	Buildings	Replacement	14 yrs
3	R24****	Ion Chromatograph Tandem Mass Spectrometer	Ion chromatograph coupled with tandem mass spectrometer replacing 9-year old instrument no longer supported by manufacturer	Laboratory (1038)		350,000	350,000	Lab Equipment > \$100,000	Replacement	9 yrs
4	R24****	Replace obsolete lab Andover continuum controllers, server and front end graphics package with new Shneider EcoStructure	Replace server, work station, net controllers, switches, software and graphics for the Lab BMS system.	Laboratory (1038)		75,000	75,000	Other	Replacement	14 yrs
				Total	Laboratory (1038)	\$ -	\$ 1,405,000	\$ 1,405,000		
<b>Research &amp; Development (1040)</b>										
5	R24****	Office carpeting and Lab flooring	Replace the 20-year old carpet with a non-carpet option (R&D offices, landing) and replace lab flooring (30+ years old) with suitable lab flooring in the R&D Department (second floor Annex Building). Vendor also needs to move and return the office furniture. Consider continuing into first floor NWRI that has same carpet.	Research & Development (1040)		40,000	40,000	Buildings	Replacement	20 - 30+ yrs
				Total	Research & Development (1040)	\$ -	\$ 40,000	\$ 40,000		
<b>Water Production (1050)</b>										
6	R24****	Replace 5,472 MF PP Membranes in MF Train C (8 cells)	Replace 684 MF Polypropylene membranes in each cell of Train C (cells C01-C08) for a total of 5,472 MF PP membranes.	Water Production (1050)		5,700,000	5,700,000	RO, MF units	Replacement	5 yrs
7	R22011	Replacement of RO CIP PVC Piping System with Stainless Steel in A520	Replace key sections or entire RO CIP existing PVC schedule 80 piping system that have deteriorated over time.	Water Production (1050)		1,500,000	1,500,000	Pipe/Pipeline	Replacement	15 yrs
8	R24****	Refurbish or Replace Mechanical and Electrical Equipment or Structural Items	These funds are to refurbish or replace GWRS, GAP, and Fountain Valley campus building, mechanical, electrical, and structural items that unexpectedly fail.	Water Production (1050)		700,000	700,000	RO, MF units	Replacement or Refurbishment	16 yrs
9	R23009	GAP Process Building Stairs - Install and Purchase of replacement staircase	Actual stairs installation costs obtained from design engineer. Existing stairs are deteriorating and unsafe to use.	Water Production (1050)		400,000	400,000	Buildings	Replacement	20 yrs
10	R22006	Gap HPEP VFD replacement. Rollover from 22/23	Drive is being custom built to fit the existing space and there have been many supply chain issues. Projected ship date is now 5/2024.	Water Production (1050)		310,550	310,550	Pumps	Replacement	33 yrs
11	R24****	Fire protection system at FV campus	Retrofit existing fire panels from obsolete EST3 to new and in support EST4 system. Restructure existing fiber network to support star topology and get away from token ring.	Water Production (1050)		300,000	300,000	Buildings	Replacement	17 yrs
12	R24****	Green Acres and GWRS Distribution Emergency Pipeline Repairs	These funds allow for refurbishment or replacement of Green Acres or GWRS distribution pipeline assets that unexpectedly fail or damaged.	Water Production (1050)		300,000	300,000	Pipe/Pipeline	Replacement or Refurbishment	30 yrs
13	R24****	GWRS Pipeline leak prevention project	Repair 16 locations that are experiencing significant corrosion at blow off/Air Vac locations.	Water Production (1050)		300,000	300,000	Pipe/Pipeline	Refurbishment	17 yrs
14	R23010	I-24 and I-25 Well Pump and Down Hole Valve Replacement	Replace pumps and down hole control valves that have failed and re-design well controls to restore full functionality.	Water Production (1050)		200,000	200,000	Wells (all types)	Refurbishment	23 yrs
15	R24****	Annex Building Roof Replacement	The Annex building roofing system suffers from numerous leaks and has been patched several times. A replacement of the existing roofing is required. The exact type of roofing system to be installed will be determined.	Water Production (1050)		170,000	170,000	Buildings	Replacement	30 yrs
16	R23012	Replace the GWRS pipeline Phenix subnet controllers with native Delta V Charms controllers, rollover from 23/24	The existing Phenix subnet controllers are now obsolete. These operate on a Fiber ring network that is not native to Delta V and require a virtual interface module card on the DV backplane that adds complexity to networking and programming. Eliminates several offsite 3rd party Cybersecurity threat elements to the GWRS control networks.	Water Production (1050)		153,000	153,000	Pipe/Pipeline	Replacement	17 yrs
17	R24****	Finished Water Pump and Motor Refurbishment	The five product water pumps are over 15 years old and have never been removed for inspection and refurbishment of key components.	Water Production (1050)		150,000	150,000	Pumps	Replacement	17 yrs
18	R24****	Switchgear Building Roof Replacement	The Switchgear building houses sensitive electrical equipment and the existing roofing system has experienced several leaks. A replacement of the existing membrane based roofing system is required.	Water Production (1050)		150,000	150,000	Buildings	Replacement	20 yrs
19	R24****	RO Electrical Building Roof Replacement	The RO Electrical Building membrane roofing system has signs of leaks during rain events and has been patched. A replacement of the existing membrane based roofing system is required.	Water Production (1050)		150,000	150,000	Buildings	Replacement	17 yrs
20	R21010	RO Transfer Pump and Motor Refurbishment	Inspect, remove (using external crane service) and machine a 1,250hp RO Transfer Pump Station pump as well as replace seals and bearings. Also, clean, dip and bake motor.	Water Production (1050)		120,000	120,000	Pumps	Refurbishment	13 yrs
21	R24****	RO Feed Pump and Motor Refurbishment	The RO High Pressure pumps are over 15 years old and have never been removed for inspection and refurbishment of key components.	Water Production (1050)		100,000	100,000	Pumps	Replacement	17 yrs
22	R21011	Replace Access Ladders on Chemical Process Tanks	Replace ladders on chemical tanks either with FRP or SS depending upon chemical area and tank condition. Also, re-glaze ladder mounts on FRP tanks as needed.	Water Production (1050)		100,000	100,000	Buildings	Replacement	13 yrs
23	R21012	RO Feed Pump and Motor Refurbishment	Inspect, remove and machine a 1,050hp RO feed pump as well as replace seals and bearings. Also, clean, dip and bake motor.	Water Production (1050)		95,000	95,000	Pumps	Refurbishment	13 yrs
24	R24****	Pickup Truck F-350	Replace T-113, a 2022 F-350 Pick Up Truck.	Water Production (1050)		78,500	78,500	Heavy Equipment > \$50,000	Replacement	22 yrs
25	R24****	Replace Medium voltage VFD 825P motor protection relays (3) with Swietzer SEL 710 MPR's	Replace 3 more 825P motor protection relays in the RO. The 825 series is obsolete and we can no longer purchase replacements.	Water Production (1050)		35,000	35,000	RO, MF units	Replacement	17 yrs

FISCAL YEAR 2024-25  
PROPOSED REPLACEMENT & REFURBISHMENT FUND REQUESTS

#	Project ID	Item	Description	Department	Salaries & Benefits	Project Cost	Total Project Cost	Asset Class	Refurbishment or Replacement	Asset Age
26	R24****	LED Lighting Retrofit (MF Canopy, RO HID lighting)	Existing fixtures have reached end of life and retrofit to LED will reduce energy and extend life of fixtures.	Water Production (1050)		30,000	30,000	Buildings	Replacement	15 yrs
				<b>Total</b>	<b>Water Production (1050)</b>	<b>\$ -</b>	<b>\$ 11,042,050</b>	<b>\$ 11,042,050</b>		
<b>Recharge Operations (1060)</b>										
27	R24****	John Deere 450 Bulldozer	Replace existing TL-20, a 1983 Tier 0 track loader.	Recharge Operations (1060)		230,000	230,000	Heavy Equipment > \$50,000	Replacement	41 yrs
28	R24****	Kraemer Basin Check Valves	Replace the three failed check valves at the Kraemer Basin pump station.	Recharge Operations (1060)		200,000	200,000	Pipe/Pipeline	Replacement	35 yrs
29	R24****	Richfield Fencing	Consistent dumping, trespassing, and code enforcement issues are occurring along Richfield. The fence needs to be aligned with the District's property limits.	Recharge Operations (1060)		100,000	100,000	Fences/Walls	Replacement	25 yrs
30	R24****	SCADA Hardware Replacements	Many of the SCADA hardware components throughout the recharge facilities are unsupported and potential cyber security risks.	Recharge Operations (1060)		100,000	100,000	SCADA	Replacement	Varies
31	R24****	Pavement Maintenance	There is approximately 18 acres of paved surfaces in the forebay and Prado areas. Refurbishment will elongate their lifespans.	Recharge Operations (1060)		100,000	100,000	Parking Lots/Roads	Refurbishment	Varies
32	R24****	Infrastructure & Equipment Repair	Funds to replace or refurbish infrastructure or equipment that unexpectedly fail.	Recharge Operations (1060)		100,000	100,000	Recharge Basins	Refurbishment or Replacement	Varies
33	R24****	Heavy Equipment Repair	Funds to repair heavy equipment that unexpectedly fails.	Recharge Operations (1060)		100,000	100,000	Heavy Equipment > \$50,000	Refurbishment or Replacement	Varies
34	R24****	Pick-Up Truck F-150	Replace existing T-128, a 2004 F-150 Pick-Up Truck.	Recharge Operations (1060)		56,000	56,000	Vehicles > \$50,000	Replacement	20 yrs
35	R24****	Scraper Tire Replacement	The tires on the two scrapers and water truck (RT-14, RT-46, T-124) require replacement due to wear and tear.	Recharge Operations (1060)		50,000	50,000	Heavy Equipment > \$50,000	Replacement	36 yrs
36	R24****	Mobile Dewatering Pump (8-inch)	One of the existing mobile dewatering pumps used for basin management has failed and requires replacement.	Recharge Operations (1060)		40,000	40,000	Pumps	Replacement	13 yrs
37	R24****	Paddle Scraper Elevator Overhaul	RT-46 requires an overhaul of its elevator system in order to prevent failure. The equipment is used to clean basin floors.	Recharge Operations (1060)		25,000	25,000	Recharge Basins	Refurbishment	18 yrs
38	R24****	SCADA Screens Update & On-Call Support	Several of the SCADA screens require updates to reflect current infrastructure and remove abandoned features.	Recharge Operations (1060)		60,000	60,000	SCADA	Refurbishment	Varies
				<b>Total</b>	<b>Recharge Operations (1060)</b>	<b>\$ -</b>	<b>\$ 1,161,000</b>	<b>\$ 1,161,000</b>		
<b>Wetland Operations (1062)</b>										
39	R24****	Scraper Tire Replacement	The tires on the scraper, tractors, and water truck (RT-16, RT-31, RT-56, T-135) require replacement due to wear and tear.	Wetland Operations (1062)		50,000	50,000	Heavy Equipment > \$50,000	Replacement	35 yrs
				<b>Total</b>	<b>Wetlands Operations (1062)</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>		
<b>Engineering (1070)</b>										
40	R22014	Santiago Floating Pump Station Refurbishment	Repair cables and conduits to floating pump station and modify discharge to allow pumping above water elevation 240'.	Engineering (1070)	40,615	3,459,385	3,500,000	Pumps	Refurbishment	14 yrs
41	R22028	Orange Storm Drain at Bond	Emergency slope and City of Orange storm drain repairs at Bond Basin.	Engineering (1070)	25,000	2,975,000	3,000,000	Recharge Basins	Refurbishment	40 yrs
42	R24****	Anaheim Valve Vault	Replace two butterfly valves and five valve actuators at Anaheim Lake and install valve vault.	Engineering (1070)	25,000	2,475,000	2,500,000	Pipe/Pipeline	Refurbishment	40 yrs
43	R23029	I-8 Vault Lid	Refurbish Barrier Injection Well I-8 vault with a heavy duty traffic rated vault lid.	Engineering (1070)		125,000	125,000	Pipe/Pipeline	Refurbishment	50 yrs
44	R24****	Gap Reservoir Assessment	Drain and perform assessment of the GAP reservoir in Santa Ana for current condition and any necessary defects/repairs.	Engineering (1070)	5,000	95,000	100,000	Pipe/Pipeline	Refurbishment	40 yrs
				<b>Total</b>	<b>Engineering (1070)</b>	<b>\$ 95,615</b>	<b>\$ 9,129,385</b>	<b>\$ 9,225,000</b>		
<b>Hydrogeology (1075)</b>										
45	R24****	Monitoring Well SC-4 Refurbishment	Replace failed packers in Westbay-type multi-point monitoring well SC-4.	Hydrogeology (1075)	20,808	290,000	310,808	Wells (all types)	Refurbishment	33 yrs
46	R23031	Monitoring Well Decommissioning (carry-over expenses for work begun in FY23-24)	Properly destroy and seal obsolete monitoring wells MCAS-10 (Irvine) and AM-29A (Anaheim).	Hydrogeology (1075)		15,000	15,000	Wells (all types)	Replacement	unknown
47	R24****	Monitoring Well OCWD-M41 Liner	Install PVC liner and inflatable packer to seal off leaky well casing.	Hydrogeology (1075)		9,000	9,000	Wells (all types)	Refurbishment	22 yrs
				<b>Total</b>	<b>Hydrogeology (1075)</b>	<b>\$ 20,808</b>	<b>\$ 314,000</b>	<b>\$ 334,808</b>		
					<b>R&amp;R Grand Total</b>	<b>\$ 116,423</b>	<b>\$ 23,521,435</b>	<b>\$ 23,637,858</b>		

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Requested by: Patrick Versluis (Water Quality)

Item #1

Date: 01/15/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

Vehicles > \$50,000

3. Asset class (from table): 13

4. Year original asset purchased or placed in service: 1999

5. Cost of original asset: ~100,000

6. Normal useful life in years for this type of asset: 15 - 20 yrs

7. Estimated cost of replacement or refurbishment: \$ 380,000

8. Reason for replacement or refurbishment (fill in)

Current vehicle is 25 years old and starting to have operational and functional issues. OCWD mechanic has had trouble finding parts which has required fabrication of parts to keep vehicle operational. Other recent mechanical maintenance required searching Ebay for parts due to vehicle age. A winch pulley support system that is part of the vehicle will need to be re-designed and fabricated soon as well.

9. Consequences of waiting another year (fill in)

If the vehicle becomes inoperable, there is no easy way to maintain the required monitoring due to the unique and specialized monitoring requirements. The Westbay multi-port monitoring program provides the data necessary to the development and operate the OCWD basin model along with assessment of the North Basin VOC plume delineation, and PFAS characterization and monitoring.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_

12. If replacement, describe how the new asset is better than the old one (fill in)

A new asset will be more reliable and maintain the same overall safe and efficient monitoring capabilities for the OCWD Westbay monitoring program. In addition, the winch pulley support system will be updated and re-designed to provide a system that improves ease of use as well as staff safety compared to the current winch pulley support system.

13. If refurbishment, describe in detail (fill in)

Asset Class Table	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

**Item #2**

Requested by: Laboratory

Date: 01/02/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? Yes

2. Description of asset being replaced or refurbished (fill in)

Stainless steel cabinetry and sinks in lab washroom, install new fume hoods and safety eyewash/showers. Requesting increasing in funding from previously budgeted \$305,000 in FY23-24 to \$980,000 in FY24-25, a \$675k increase.

3. Asset class (from table) : 4

4. Year original asset purchased or placed in service: 2009

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: Unknown

7. Estimated cost of replacement or refurbishment: \$ 980,000

8. Reason for replacement or refurbishment (fill in)

Remove corroded stainless steel cabinetry used in lab washroom and replace with chemically resistant plastic (14+ years old). Lab staff must use hydrochloric acid and organic solvents to properly clean glassware used for analytical tests. As such, these chemicals have deteriorated the stainless steel finishings in the washroom.

9. Consequences of waiting another year (fill in)

Continued deterioration of the stainless steel material in the lab. Current cabinetry is corroded to the point where the entire face is covered with rust. Staff would also need to continue working in the room without proper safety eyewash and showers installed.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? None

12. If replacement, describe how the new asset is better than the old one (fill in)

Lab staff recommend to replace this stainless steel material with a chemically resistant plastic that will resist corrosion and provide a much longer useful life. New fume hoods will also be chemically resistant. New permanent eyewash and safety shower will provide proper protection in emergency situations.

13. If refurbishment, describe in detail (fill in)

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item #3

Requested by: Laboratory

Date: 01/02/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Ion chromatograph coupled with tandem mass spectrometer

3. Asset class (from table): 14

4. Year original asset purchased or placed in service: 2015

5. Cost of original asset: \$ 187,000

6. Normal useful life in years for this type of asset: 10 years

7. Estimated cost of replacement or refurbishment: \$ 350,000

8. Reason for replacement or refurbishment (fill in)

Current system will no longer supported by manufacturer by the next fiscal year. Additionally, current system software is not compatible with Microsoft Windows 10 or 11.

9. Consequences of waiting another year (fill in)

System sensitivity may continue to decrease with extended usage and no vendor support to maintain system when problems arise. Mechanics on existing autosampler may fail and parts will be unavailable for replacement.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? Unknown

12. If replacement, describe how the new asset is better than the old one (fill in)

Newer technology, triple-quadrupole IC-MS/MS. Increased sensitivity and updated instrument software compatible with District network requirements.

13. If refurbishment, describe in detail (fill in)

NA

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 4

Requested by: Robert Raley

Date: 12/27/23

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

Main Laboratory Building Management system environmental system

3. Asset class (from table): 4

4. Year original asset purchased or placed in service: 2010

5. Cost of original asset: \$ 200,000

6. Normal useful life in years for this type of asset: 10 to 15

7. Estimated cost of replacement or refurbishment: \$ 75,000

8. Reason for replacement or refurbishment (fill in)

The original Andover Continuum system is now obsolete and no longer supported on either the software or hardware. In order to responsibly maintain this critical system for the purposes of meeting laboratory environmental requirements it is necessary to replace the system with in support and current equipment

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

9. Consequences of waiting another year (fill in)

Failures of hardware and or software will become increasingly more difficult to troubleshoot and resolve. These situations may cause environmental conditions in the building to exceed specification for periods of time until a resolution can be found.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? None

12. If replacement, describe how the new asset is better than the old one (fill in)

The new Ecostructure system is Schneider's current in support offering and provides support for the foreseeable future.

13. If refurbishment, describe in detail (fill in)

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item #5

Requested by: Megan Plumlee

Date: 01/12/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? Yes

2. Description of asset being replaced or refurbished (fill in)

Replace the ~20-year old carpet (R&D offices, landing) and lab flooring (30+ years old) in the R&D Department (second floor Annex Building). Vendor also needed to move then return the office furniture. Consider continuing into first floor NWRI that has same carpet.

3. Asset class (from table): 4

4. Year original asset purchased or placed in service: ~1993

5. Cost of original asset: ?

6. Normal useful life in years for this type of asset: 15

7. Estimated cost of replacement or refurbishment: \$ 40,000

8. Reason for replacement or refurbishment (fill in)

The laboratory flooring is wearing out. It's stained, mismatched/scuffed. Should be updated to more modern form of lab flooring for performance and cleanliness. Outside of the labs in the landing and offices and conference room, carpet is very old, has been cleaned several times, should be replaced with non-carpet flooring for cleanliness, safety especially since staff move between labs to offices so carpet is not a good choice.

Asset Class Table	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

9. Consequences of waiting another year (fill in)

Consequences are minimal, it is livable but updating it gives staff a more clean, safe work experience.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

Updated clean lab flooring and updated clean/style of non-carpet office flooring

13. If refurbishment, describe in detail (fill in)

N/A

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Requested by: Mehul Patel

Date: 01/09/24 Item# 6

1. Check One  
 Replacement      Budgeted previously? \_\_\_\_\_  
 Refurbishment

2. Description of asset being replaced or refurbished (fill in)

A portion of the original microfiltration membranes in the GWRS AWPF plant require replacement. Eight of forty eight microfiltration basins (cells) will have their membranes replaced. The train containing the 8 cells to be replaced will be Train C.

3. Asset class (from table) : 5

4. Year original asset purchased or placed in service: 2016

5. Cost of original asset: \$550/ea.

6. Normal useful life in years for this type of asset: 5-7 years

7. Estimated cost of replacement or refurbishment: \$ 5,700,000

8. Reason for replacement or refurbishment (fill in)

The microfiltration membranes in Train C were installed in 2020 and are experiencing irreversible fouling manifesting itself in shorter run time between cleanings. This has resulted in increased chemical costs and started to affect production, especially in winter months. Currently it is planned to replace a total of 5,472 membrane modules at \$835 each plus tax. Shipping costs are estimated at \$44,000 per cell or a total of \$352,000 to get the membranes here from their manufacturing facility in Australia via air freight. The total price also assumes an 8.75% sales tax rate.

9. Consequences of waiting another year (fill in)

If these assets are not partially replaced it could lead to further decreased run times between cleanings. This would result in higher chemical costs due to cleanings being required more frequently. This would ultimately have an effect on GWRS production, especially at 130 mgd with the completion of the GWRSFE.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

The new asset will be identical in materials and manufacturing to the one being replaced. Since the asset is new the intervals between cleanings will remain as designed.

13. If replacement, how does the cost exceed the original cost increased by inflation?

If yes, by how much? \$ - This additional cost cannot be funded by the R&R program.

14. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 7

Requested by: Mehul Patel / Sandy Scott-Roberts

Date: 2/9/23 carryover from 2022

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

RO CIP Piping system located in RO East building sub-basement

3. Asset class (from table): 1

4. Year original asset purchased or placed in service: 2007

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 15 years

7. Estimated cost of replacement or refurbishment: \$1,500,000

8. Reason for replacement or refurbishment (fill in)

Original loop was constructed of schedule 80 PVC. Over time, due to pipe strain from installation, and chemical exposure, the loop has experienced many leaks and costly repairs. This project will replace loop piping system and components with stainless steel piping and flanges.

9. Consequences of waiting another year (fill in)

Continued failure, and repairs. Replacement will allow for increased longevity and reliability.

10. If replacement, will original asset remain in use? no

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

The stainless pipeline will allow for better structural integrity, higher online factor for RO system operation, and increases safety.

13. If refurbishment, describe in detail (fill in)

N/A

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 8

Requested by: Mehul Patel

Date: 01/09/24

1. Check One

Replacement      Budgeted previously? Each Year  
 Refurbishment

2. Description of asset being replaced or refurbished (fill in)

These funds are to refurbish or replace GWRS, GAP, and Fountain Valley campus building mechanical, electrical, and structural items that unexpectedly fail.

3. Asset class (from table): 1,2,4,5,6,7,8

4. Year original asset purchased or placed in service: 2008

5. Cost of original asset: NA

6. Normal useful life in years for this type of asset: Varies

7. Estimated cost of replacement or refurbishment: \$ 700,000

8. Reason for replacement or refurbishment (fill in)

The GWRS facility, Admin, GAP, Lab and other Fountain Valley campus facilities have periodic, unplanned equipment failures that need to be addressed immediately. This funding is for those unforeseen failures that require replacement or refurbishment in order to keep facilities running. The GWRS facility is now over 15 years old and administration building is over 30 years old so upkeep costs will continue to increase.

9. Consequences of waiting another year (fill in)

If repairs or replacements need to wait some district functions will not be able to continue. This includes loss of production for GWRS, decreased groundwater replenishment and potential disruption to district day to day business functions.

10. If replacement, will original asset remain in use? Varies

11. If replacement, what is the salvage value of the original asset? Varies

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Requested by: F. Almario, R. Phillips

Date: 01/12/23 Item# 9

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

External concrete stairs on east side of the GAP treatment building.

3. Asset class (from table): 4

4. Year original asset purchased or placed in service: 1989

5. Cost of original asset: \$ 100,000

6. Normal useful life in years for this type of asset: 30

7. Estimated cost of replacement or refurbishment: \$ 400,000

8. Reason for replacement or refurbishment (fill in)

Stairs are showing signs of structural failure.

9. Consequences of waiting another year (fill in)

Potential safety risk that stairs fail while in use, potential loss of dual access to GAP treatment deck

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

The new stairs are proposed to be a metal material that is more light-weight. The existing stairs have reached their useful lifespan and new stairs will last several more decades. A engineering study by Scheevel Engineering shows best cost option is aluminum stairs with an approximate cost of \$350,000

13. If replacement, how does the cost exceed the original cost increased by inflation?

If yes, by how much? \$ - This additional cost cannot be funded by the R&R program.

14. If refurbishment, describe in detail (fill in)

Asset Class Table	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 10

Requested by: Robert Raley

Date: 12/27/23

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Green Acres Project replacement of HPEP 3 motor variable frequency drive. This is a 480 volt 800 hp unit.

3. Asset class (from table): 2

4. Year original asset purchased or placed in service: 1989

5. Cost of original asset: \$ 50,000

6. Normal useful life in years for this type of asset: 10 to 15 years

7. Estimated cost of replacement or refurbishment: \$ 310,550

8. Reason for replacement or refurbishment (fill in)

This drive is a critical component to smooth operation and pressure regulation on the GAP distribution system. The drive is currently 33 years old and well past its useful life. Most manufacturers rate VFD life at 7 to 12 years under harsh conditions and 10 to 15 years in optimal conditions. Robicon is now defunct and this drive's components are obsolete and un-available so repairs become very problematic.

9. Consequences of waiting another year (fill in)

If this drive were to fail we would need to rely on the associated soft starter which will ramp the drive to its full 60hz line voltage speed so 100% output which is not as versatile as a VFD's speed control for regulating pipeline flows and pressures. With the age and condition of the distribution pipeline this would apply increased stress and provide the operators with fewer options in controlling the system.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? None

12. If replacement, describe how the new asset is better than the old one (fill in)

The drive is currently a 6 pulse model whereas the replacement would be an 18 pulse offering greatly improved power factor, reduced total harmonic distortion and reduced cost of operation as realized in the resultant power savings and cleaner site wide system power stability.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item #11

Requested by: Robert Raley

Date: 12/27/23

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

Fountain Valley campus Fire Panel (FACP) system.

3. Asset class (from table): 4

4. Year original asset purchased or placed in service: 2008

5. Cost of original asset: \$ 150,000

6. Normal useful life in years for this type of asset: 15 yrs

7. Estimated cost of replacement or refurbishment: \$ 300,000

8. Reason for replacement or refurbishment (fill in)

The existing Edwards EST3 fire system that is in use at the Fountain Valley facility has become obsolete and is no longer supported. Edwards is now offering the EST4 system as a direct replacement. This replacement will allow the I/O and rack subcomponents to be re-used and equipment that we already have in the warehouse to be utilized. This new system will also allow us to use a fiber optic network star configuration and get away from the current token ring topology. This will make the system more robust and less susceptible to communication issues.

9. Consequences of waiting another year (fill in)

Equipment failures will cause prolonged service interruptions as these parts are no longer available.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? None

12. If replacement, describe how the new asset is better than the old one (fill in)

This new system will streamline communications between panels and master stations. If one panel goes down it does not take out the entire loop as is currently configured. There are also product enhancements to notifications such as email and SMS notification to key personal which will aids in increasing response times.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item #12

Requested by: Mehul Patel

Date: 01/09/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

GWRS and Green Acres Project unforeseen emergency pipeline repairs.

3. Asset class (from table): 1

4. Year original asset purchased or placed in service: 1984

5. Cost of original asset: NA

6. Normal useful life in years for this type of asset: 50 years

7. Estimated cost of replacement or refurbishment: \$ 300,000

8. Reason for replacement or refurbishment (fill in)

Unforeseen pipeline failures occur that require immediate replacement using emergency on call contractors. Repairs are required to avoid further damage to city streets and other non-district owned assets.

9. Consequences of waiting another year (fill in)

Unforeseen failures will not have funding to be repaired and will require immediate attention as they occur.

10. If replacement, will original asset remain in use? Yes

11. If replacement, what is the salvage value of the original asset? NA

12. If replacement, describe how the new asset is better than the old one (fill in)

New asset should address installation issues or normal wear associated with original construction. Using new materials and the latest construction repair techniques should insure a long life for repaired assets.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 13

Requested by: John Bonsangue

Date: 12/22/23

1. Check One  
 Replacement      Budgeted previously? No  
 Refurbishment

2. Description of asset being replaced or refurbished (fill in)

The GWRS pipeline is a critical piece of infrastructure that delivers the GWRS water to the Forebay spreading grounds.

3. Asset class (from table): 1

4. Year original asset purchased or placed in service: 2008

5. Cost of original asset: Millions

6. Normal useful life in years for this type of asset: 50 years +

7. Estimated cost of replacement or refurbishment: \$ 300,000

8. Reason for replacement or refurbishment (fill in)

Corrosion is occurring at 16 manway locations along the GWRS pipeline. The locations contain a 1" copper line that taps the manway riser and feeds a air vacuum release valve. The corrosion is occurring where the 1" line taps the manway riser. The corrosion will eventually cause leaks. In the past there have already been 2 such leaks. Both leaks required an unplanned GWRS plant shut-down to repair. GWRS treatment plant down time is very costly to the District and should be avoided if possible. Ideally, all 16 of these locations will be completed in one event to minimize GWRS plant shutdowns. Ideally, this work will occur during a planned shutdown; however rust never sleeps and we get no warning

9. Consequences of waiting another year (fill in)

Up to 16 unplanned shut-downs of the GWRS treatment plant in the future.

10. If replacement, will original asset remain in use? yes

11. If replacement, what is the salvage value of the original asset? N/A

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

Contractor will hot tap 1-inch stainless steel ball valves into manway cover and run a new 1-inch copper line into the air-vac, penetrating the concrete vault wall and maintaining a positive gradient. The contractor will then remove existing 1-inch tap, thread a plug into the connection and mortar the plug from inside the pipe.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 14

Requested by: John Bonsangue

Date: 01/09/23

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Talbert Barrier Injection Wells: I-24 and I-25.

3. Asset class (from table): 3

4. Year original asset purchased or placed in service: 2000

5. Cost of original asset: ?

6. Normal useful life in years for this type of asset: 75 years

7. Estimated cost of replacement or refurbishment: \$ 200,000

8. Reason for replacement or refurbishment (fill in)

Barrier Injection Wells I-24 and I-25 are the only two wells in the Talbert Barrier that utilize a "V-smart" down-well flow control valve. All other Talbert Barrier down-well flow control valves are "Baski" valves. The V-smart valves are currently failed, rendering I-24 and I-25 non-operational. The I-24 and I-25 V-smart valves have also failed historically. Baski valves have proven to be non-problematic for Talbert Barrier Injection well operation. To avoid future valve failure and provide uniformity, The V-smart valves need to be replaced with Baski valves. The I-24 and I-25 well heads will need to be modified to receive Baski valves. An engineered design is required to modify the well heads for Baski valves.

9. Consequences of waiting another year (fill in)

Will not be able to operate I-24 and I-25. These wells are important to Talbert Barrier operations and help reduce the amount of GWRS water that needs to be moved up the GWRS Pipeline.

10. If replacement, will original asset remain in use? \_\_\_\_\_

11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_

12. If replacement, describe how the new asset is better than the old one (fill in)

\_\_\_\_\_

13. If refurbishment, describe in detail (fill in)

A design engineer will be hired to prepare construction drawings that detail the work that needs to be completed to the I-24 and I-25 well heads so that these wells can be equipped with Baski valves. The drawings will be used to solicit and guide a contractor. The design is scheduled for FY 23/24 so that the contract work can be executed in FY 24/25.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 15

Requested by: Mehul Patel

Date: 01/09/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

The Annex building contains a membrane based roofing system that protects the building from the elements.

3. Asset class (from table) : 4

4. Year original asset purchased or placed in service: 1990

5. Cost of original asset: NA

6. Normal useful life in years for this type of asset: 20

7. Estimated cost of replacement or refurbishment: \$ 170,000

8. Reason for replacement or refurbishment (fill in)

The Annex building roofing system suffers from leaks during heavy rain events. The roofing system is over 20 years old and is beyond the guaranteed life of the product installed. Patches have been installed in several places to get through rain events, but visible water stains and drips still occur.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

9. Consequences of waiting another year (fill in)

The Annex building second floor contains the R&D group offices. In addition the floor contains several lab rooms with expensive and sensitive laboratory equipment. The risk of roof leaks will jeopardize the life of sensitive lab equipment and building furnishings. Visible leaks are experienced in several of the lab rooms and conference room. There is also a risk of structural damage and possible long term risk of mold growth should leaks not be contained with continual roof

10. If replacement, will original asset remain in use? yes

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

New roofing system will be built to current building code standards. Newer roofing material and removal of several layers of existing material should result in a water tight system.

13. If refurbishment, describe in detail (fill in)

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 16

Requested by: Robert Raley

Date: 12/27/23

1. Check One

Replacement  
 Refurbishment

Budgeted previously? no

2. Description of asset being replaced or refurbished (fill in)

Replace the GWRS pipeline valve vault and Kraemer /Miller Phoenix subnet controllers with native Delta V Charms controllers. These Charms controllers were successfully integrated and are now operating at Mid Basin injection.

3. Asset class (from table) : 11

4. Year original asset purchased or placed in service: 2006

5. Cost of original asset: \$ 40,000

6. Normal useful life in years for this type of asset: 10 to 12 years

7. Estimated cost of replacement or refurbishment: \$ 153,000

8. Reason for replacement or refurbishment (fill in)

The existing Phoenix subnet controllers are now obsolete. These operate on a Fiber ring network that is not native to Delta V and require a virtual interface module card on the DV backplane that adds complexity to networking and programming . Eliminates several offsite 3rd party Cybersecurity threat elements to the GWRS control networks.

9. Consequences of waiting another year (fill in)

Increased down time due to replacement availability and complexity. Limited availability for expansion on the network. Occasional outages due to lack of redundancy

10. If replacement, will original asset remain in use? no

11. If replacement, what is the salvage value of the original asset? None

12. If replacement, describe how the new asset is better than the old one (fill in)

The replacement to Delta V Charms would allow for redundant A and B control networks over existing fiber, increasing reliability and visibility on the native DeltaV network that would greatly simplify the need for external software, laptops and programming as the new controllers could be managed and monitored through Delta V Explorer. Their is a significant Cybersecurity benefit with the new architecture and equipment allowing us to close several offsite threat surfaces. The

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 17

Requested by: Mehul Patel

Date: \_\_\_\_\_

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

Final Product Water Pump

3. Asset class (from table): 2

4. Year original asset purchased or placed in service: 17

5. Cost of original asset: \$ 150,000

6. Normal useful life in years for this type of asset: 20

7. Estimated cost of replacement or refurbishment: \$ 150,000

8. Reason for replacement or refurbishment (fill in)

New bearing upgrade, and time for refurbishment

9. Consequences of waiting another year (fill in)

Failure and loss of production

10. If replacement, will original asset remain in use? N/A

11. If replacement, what is the salvage value of the original asset? N/A

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

New bearings, total overhaul back to original factory specifications. Optimal performance and longevity

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 18

Requested by: Mehul Patel

Date: 01/09/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

The A910 Switchgear building contains a membrane based roofing system that protects the building from the elements.

3. Asset class (from table) : 4

4. Year original asset purchased or placed in service: 2004

5. Cost of original asset: NA

6. Normal useful life in years for this type of asset: 20

7. Estimated cost of replacement or refurbishment: \$ 150,000

8. Reason for replacement or refurbishment (fill in)

The GWRS Switchgear building (A910) membrane based roofing system suffers from leaks during heavy rain events. The roofing system was installed as part of the original GWRS project and shows signs of deterioration.

9. Consequences of waiting another year (fill in)

The Switchgear building houses valuable high voltage and medium voltage electrical gear that provide power to the entire Fountain Valley campus. This includes power provided to GWRS, Admin building, Laboratory, and Green Acres Project (GAP). This electrical gear is very expensive and difficult to replace if damaged by water intrusion. There is also sensitive instrumentation in this building that controls power supplies to the entire Fountain Valley campus. Water damage from a failing roofing system to these instruments could be catastrophic to the reliable operation of the GWRS, GAP, laboratory and Annex building.

10. If replacement, will original asset remain in use? yes

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

New roofing system will be built to current building code standards. This will insure a weather tight seal on the building that will last for another 20 years.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 19

Requested by: Mehul Patel

Date: 01/09/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

The A540 RO Electrical building contains a membrane based roofing system that protects the building from the elements.

3. Asset class (from table) : 4

4. Year original asset purchased or placed in service: 2004

5. Cost of original asset: NA

6. Normal useful life in years for this type of asset: 20

7. Estimated cost of replacement or refurbishment: \$ 150,000

8. Reason for replacement or refurbishment (fill in)

The GWRS RO Electrical Building (A540) membrane based roofing system suffers from leaks during heavy rain events. The roofing system was installed as part of the original GWRS project and shows signs of deterioration.

Asset Class Table	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

9. Consequences of waiting another year (fill in)

The Switchgear building houses valuable high voltage and medium voltage electrical gear that provide power to the RO, decarb, and product water pump station processes. The building also has several offices for Water Production staff. This electrical gear is very expensive and difficult to replace if damaged by water intrusion. There is also sensitive instrumentation in this building that controls power supplies to key GWRS treatment processes. Water damage from a failing roofing system to these instruments could be catastrophic to the reliable operation of the GWRS.

10. If replacement, will original asset remain in use? yes

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

New roofing system will be built to current building code standards. This will insure a weather tight seal on the building that will last for another 20 years.

13. If refurbishment, describe in detail (fill in)

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 20

Requested by: Robert Phillips

Date: 2/9/23 carryover from 2021

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

RO Transfer pump and Motor: Weir/Floway pump 2 stage vertical turbine and 1250HP GE Motor

3. Asset class (from table): 2

4. Year original asset purchased or placed in service: 2007

5. Cost of original asset: approx. \$200,000

6. Normal useful life in years for this type of asset: 20+ years

7. Estimated cost of replacement or refurbishment: \$ 120,000

8. Reason for replacement or refurbishment (fill in)

Work is to establish a baseline for all like assets. The pump and motor will be completely torn down, overhauled, and inspected. The asset was purchased in 2005 and two units A01 and B01 have had mechanical seal issues.

9. Consequences of waiting another year (fill in)

Possible increased damage resulting in higher repair costs and increased down time

10. If replacement, will original asset remain in use? N/A

11. If replacement, what is the salvage value of the original asset? N/A

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

Pump and Motor will be restored to original operating parameters

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 21

Requested by: Mehul Patel

Date: \_\_\_\_\_

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

RO Feed pump

3. Asset class (from table): 2

4. Year original asset purchased or placed in service: 17

5. Cost of original asset: \$ 150,000

6. Normal useful life in years for this type of asset: 20

7. Estimated cost of replacement or refurbishment: \$ 100,000

8. Reason for replacement or refurbishment (fill in)

New bearing upgrade, and time for refurbishment

9. Consequences of waiting another year (fill in)

Failure and loss of production

10. If replacement, will original asset remain in use? N/A

11. If replacement, what is the salvage value of the original asset? N/A

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

New bearings, total overhaul back to original factory specifications. Optimal performance and longevity

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 22

Requested by: Robert Phillips

Date: 2/9/23 carryover from 2021

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

Fiberglass Ladders have deteriorated and need to be refurbished or replaced.

3. Asset class (from table): 4

4. Year original asset purchased or placed in service: 2007

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 20+ years

7. Estimated cost of replacement or refurbishment: \$ 100,000

8. Reason for replacement or refurbishment (fill in)

Fiberglass has deteriorated in the sun and elements. This would be a multi year project that can be completed in stages, starting with the areas that have the most deterioration. Ladders would be replaced with SS or FRP depending upon tank fiberglass resin conditions and chemical compatibility.

9. Consequences of waiting another year (fill in)

Possible failure, could result in employee injury.

10. If replacement, will original asset remain in use? no

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

If refurbished, the new gel coating will allow for better integrity, replacement would allow for a more durable material to be used.

13. If refurbishment, describe in detail (fill in)

N/A

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 23

Requested by: Robert Phillips

Date: 2/9/23 carryover from 2021

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

RO Feed pump and Motor: Afton pump 5 stage vertical turbine and 1050HP GE Motor

3. Asset class (from table): 2

4. Year original asset purchased or placed in service: 2007

5. Cost of original asset: approx. \$200,000

6. Normal useful life in years for this type of asset: 20+ years

7. Estimated cost of replacement or refurbishment: \$ 95,000

8. Reason for replacement or refurbishment (fill in)

Work is to establish a baseline for all like assets. The pump and motor will be completely torn down, overhauled, and inspected. The asset was purchased in 2005 and we have had multiple issues with pump bearing failure and Motor temp issues. New bearing material will be considered.

9. Consequences of waiting another year (fill in)

Possible increased damage resulting in higher repair costs and increased down time

10. If replacement, will original asset remain in use? N/A

11. If replacement, what is the salvage value of the original asset? N/A

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

Pump and Motor will be restored to original operating parameters

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Requested by: Mehul Patel

Date: 01/29/24 Item# 24

1. Check One  
 Replacement       Refurbishment      Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)  
 The district's vehicle fleet is aging and periodic replacement is required. Vehicle T-113 is a 2002 Ford F-350 pickup truck assigned to the Water Production Department. The vehicle is used to carry persons, tools and equipment to various off site facilities including Talbert Barrier injection well sites, Mid Basin Injection well sites, GWRS pipeline sites, GAP Santa Ana Reservoir and GAP pipeline sites.

3. Asset class (from table) : 13

4. Year original asset purchased or placed in service: 2002

5. Cost of original asset: \$ 25,000

6. Normal useful life in years for this type of asset: 15 years

7. Estimated cost of replacement or refurbishment: \$ 78,500

8. Reason for replacement or refurbishment (fill in)  
 The vehicle is reaching the end of life in terms of years in service at 22 years electric version will allow the district to comply with the new Advanced Clean of new vehicle purchases exemption to purchase other specialty vehicles as. Specifically, this allows for T-97 in the Water Quality Department to be purch engine since no ZEV alternative is available.

9. Consequences of waiting another year (fill in)  
 If T-113 is not replaced with a ZEV equivalent then purchase of a replacement

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset?

12. If replacement, describe how the new asset is better than the old one (fill in)  
 The new ZEV will allow less fuel costs while allowing the district to comply w

13. If replacement, how does the cost exceed the original cost increased by infla  
 If yes, by how much? \$ \_\_\_\_\_ - This additional cost cannot be fun

14. If refurbishment, describe in detail (fill in)

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

9. Consequences of waiting another year (fill in)  
If T-113 is not replaced with a ZEV equivalent then purchase of a replacement of T-97 that is non-ZEV would not be possible.

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 25

Requested by: Robert Raley

Date: 12/27/23

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Replace aging and obsolete 825P motor protection relays on 3 medium voltage VFDs To Schweitzer SEL-710 relays

3. Asset class (from table): 2

4. Year original asset purchased or placed in service: 2006

5. Cost of original asset: \$ 15,000

6. Normal useful life in years for this type of asset: 15

7. Estimated cost of replacement or refurbishment: \$ 35,000

8. Reason for replacement or refurbishment (fill in)

These relays have been failing at greater frequency and there are no replacements due to the product now being obsolete. These relays provide critical short circuit protection for the motor being fed and the Variable frequency drive supplying the power. Both the motor and the drive are very expensive assets.

9. Consequences of waiting another year (fill in)

Loss of production due to the drive being offline until a replacement can be procured and installed

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? None

12. If replacement, describe how the new asset is better than the old one (fill in)

The new relay is Schweitzers current model and replacements are readily available.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 26

Requested by: Robert Raley

Date: 01/03/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Replace MF outside canopy and interior RO HID lighting with energy efficient LED type..

3. Asset class (from table) : Buildings

4. Year original asset purchased or placed in service: 2008

5. Cost of original asset: \$ 12,000

6. Normal useful life in years for this type of asset: 10 yrs.

7. Estimated cost of replacement or refurbishment: \$ 30,000

8. Reason for replacement or refurbishment (fill in)

These existing fixtures are expensive to repair and have a short lifespan, 20,000 hr. max, compared to the LEDs which have a 100,000 hr. lifespan. The LEDs use 60% less energy than the Typical HID fixture

9. Consequences of waiting another year (fill in)

Increased repair costs and energy consumption

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? None

12. If replacement, describe how the new asset is better than the old one (fill in)

The biggest advantage is a 60% energy savings. Lifespan is increased 5 fold.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 27

Requested by: Ben Smith

Date: 02/07/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Replace existing TL-20, a 1983 Tier 0 Track Loader

3. Asset class (from table): 12

4. Year original asset purchased or placed in service: 1983

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 20

7. Estimated cost of replacement or refurbishment: \$ 230,000

8. Reason for replacement or refurbishment (fill in)

To comply with CARB mandated air emission regulations. The District must retire older equipment to comply.

9. Consequences of waiting another year (fill in)

Non compliance with emission regulations

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? Auction

12. If replacement, describe how the new asset is better than the old one (fill in)

The new equipment will run better and be under warranty. It will also pollute less in compliance with emission regulations.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 28

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Replace the three failed check valves at the Kraemer Basin pump station.

3. Asset class (from table): 1

4. Year original asset purchased or placed in service: 35

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 15

7. Estimated cost of replacement or refurbishment: \$ 200,000

8. Reason for replacement or refurbishment (fill in)

The 3 check valves have failed. The valves protect the pumps and pipeline from water hammer and increased wear-and-tear

9. Consequences of waiting another year (fill in)

Risk of not being able to use Kraemer pump station. This translates to decreased recharge of GWRS, storm, and imported water supplies.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? Scrap

12. If replacement, describe how the new asset is better than the old one (fill in)

The old check valves are completely non-functional. The new ones will function as the system was designed to do.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 29

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Fencing along District property adjacent to Richfield Street.

3. Asset class (from table): 7

4. Year original asset purchased or placed in service: 25 years

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 25

7. Estimated cost of replacement or refurbishment: \$ 100,000

8. Reason for replacement or refurbishment (fill in)

Consistent dumping, trespassing, and code enforcement issues are occurring along Richfield. The fence needs to be aligned with the District's property limits.

9. Consequences of waiting another year (fill in)

Efforts to clean up dumping, risk of increased code enforcement response, liability for public access to District property that is not fenced properly.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? Scrap

12. If replacement, describe how the new asset is better than the old one (fill in)

The new fencing will be aligned with the property line. This will eliminate the space that the public can dump into. Will create a clear boundary between District property and city right-of-way.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 30

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

FHQ SCADA Hardware at several locations

3. Asset class (from table): 11

4. Year original asset purchased or placed in service: 10-20 years

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 10

7. Estimated cost of replacement or refurbishment: \$ 100,000

8. Reason for replacement or refurbishment (fill in)

There are 27 sites that need to have PLC hardware updated due to obsolescence as part of keeping these sites patched and cyber-resilient. This will be a multi year endeavor.

9. Consequences of waiting another year (fill in)

Risk of failure to SCADA hardware and cyber intrusion. Translates to lost recharge and potential cascading failures of SCADA, property, and computer networks.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? Scrap

12. If replacement, describe how the new asset is better than the old one (fill in)

The new assets will be supported by the manufacturers and have higher levels of cyber security.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 31

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Asphalt paving in the FHQ & Prado areas

3. Asset class (from table): 6

4. Year original asset purchased or placed in service: Varies

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 25

7. Estimated cost of replacement or refurbishment: \$ 100,000

8. Reason for replacement or refurbishment (fill in)

There is approximately 18 acres of paved surfaces in the forebay and Prado areas. Refurbishment will elongate their lifespans.

9. Consequences of waiting another year (fill in)

Asphalt pavement that is not maintained will lead to catastrophic failure. If maintained, then it can last several decades.

10. If replacement, will original asset remain in use? \_\_\_\_\_

11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_

12. If replacement, describe how the new asset is better than the old one (fill in)

\_\_\_\_\_

13. If refurbishment, describe in detail (fill in)

Pavements will receive various treatments depending on their condition: slurry seal, crack seal, pavement cap, grind-and-cap

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 32

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? Each Year

2. Description of asset being replaced or refurbished (fill in)

Funds to repair or refurbish heavy equipment that unexpectedly fails.

3. Asset class (from table): 12

4. Year original asset purchased or placed in service: Varies

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: Varies

7. Estimated cost of replacement or refurbishment: \$ 100,000

8. Reason for replacement or refurbishment (fill in)

This budget is set to deal with unexpected failures of heavy equipment in the forebay. The funds are used as needed.

9. Consequences of waiting another year (fill in)

Loss of recharge capabilities

10. If replacement, will original asset remain in use? Varies

11. If replacement, what is the salvage value of the original asset? Varies

12. If replacement, describe how the new asset is better than the old one (fill in)

This budget is set to deal with unexpected failures of heavy equipment in the forebay. The funds are used as needed.

13. If refurbishment, describe in detail (fill in)

This budget is set to deal with unexpected failures of heavy equipment in the forebay. The funds are used as needed.

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 33

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? Each Year

2. Description of asset being replaced or refurbished (fill in)

Funds to repair or refurbish heavy equipment that unexpectedly fails.

3. Asset class (from table): 12

4. Year original asset purchased or placed in service: Varies

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: Varies

7. Estimated cost of replacement or refurbishment: \$ 100,000

8. Reason for replacement or refurbishment (fill in)

This budget is set to deal with unexpected failures of heavy equipment in the forebay. The funds are used as needed.

9. Consequences of waiting another year (fill in)

Loss of recharge capabilities

10. If replacement, will original asset remain in use? Varies

11. If replacement, what is the salvage value of the original asset? Varies

12. If replacement, describe how the new asset is better than the old one (fill in)

This budget is set to deal with unexpected failures of heavy equipment in the forebay. The funds are used as needed.

13. If refurbishment, describe in detail (fill in)

This budget is set to deal with unexpected failures of heavy equipment in the forebay. The funds are used as needed.

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item #34

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Replace existing T-128, a 2004 F-150 Pick-Up Truck

3. Asset class (from table): 13

4. Year original asset purchased or placed in service: 2004

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 10

7. Estimated cost of replacement or refurbishment: \$ 56,000

8. Reason for replacement or refurbishment (fill in)

T-128 needs a new motor. The vehicle is 20 years old and difficult to find replacement parts for.

9. Consequences of waiting another year (fill in)

Not having enough vehicles for staff to perform their work efficiently.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? Auction

12. If replacement, describe how the new asset is better than the old one (fill in)

The new equipment will run better and be under warranty. It will also pollute less in compliance with emission regulations.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 35

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Tires on Heavy Equipment RT-14, RT-46, & T-124

3. Asset class (from table): 12

4. Year original asset purchased or placed in service: 36 years

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 10

7. Estimated cost of replacement or refurbishment: \$ 50,000

8. Reason for replacement or refurbishment (fill in)

The tires on the two scrapers and water truck (RT-14, RT-46, T-124) require replacement due to wear and tear.

9. Consequences of waiting another year (fill in)

Heavy equipment not being operational, therefore loss in recharge capacity

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? Scrap

12. If replacement, describe how the new asset is better than the old one (fill in)

The new equipment will not be likely to rupture and it be under warranty.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 36

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Replace existing mobile 8-Inch hydraulic pump end

3. Asset class (from table): 2

4. Year original asset purchased or placed in service: 13 years

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 10

7. Estimated cost of replacement or refurbishment: \$ 40,000

8. Reason for replacement or refurbishment (fill in)

One of the existing mobile dewatering pumps used for basin management has failed and requires replacement.

9. Consequences of waiting another year (fill in)

Not being able to dewater basins or wetland ponds. Loss in recharge capacity

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? Auction

12. If replacement, describe how the new asset is better than the old one (fill in)

The new equipment will run and be under warranty.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item #37

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

RT-46 Paddle Scraper's elevator system

3. Asset class (from table): 9

4. Year original asset purchased or placed in service: 18 years

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 10

7. Estimated cost of replacement or refurbishment: \$ 25,000

8. Reason for replacement or refurbishment (fill in)

RT-46 requires an overhaul of its elevator system in order to prevent failure. The equipment is used to clean basin floors.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

9. Consequences of waiting another year (fill in)

Loss of the most critical piece of equipment used to clean basins. Loss of recharge capacity.

10. If replacement, will original asset remain in use? \_\_\_\_\_

11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_

12. If replacement, describe how the new asset is better than the old one (fill in)

\_\_\_\_\_

13. If refurbishment, describe in detail (fill in)

The components of the equipment that lift material from the basin floor are very worn and require refurbishment.

\_\_\_\_\_

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 38

Requested by: Ben Smith

Date: 02/08/24

1. Check One
 

<input type="checkbox"/> Replacement	Budgeted previously?	<input type="checkbox"/> No
<input checked="" type="checkbox"/> Refurbishment		
2. Description of asset being replaced or refurbished (fill in)  
FHQ's SCADA System
3. Asset class (from table): 11
4. Year original asset purchased or placed in service: Varies
5. Cost of original asset: Unknown
6. Normal useful life in years for this type of asset: 10
7. Estimated cost of replacement or refurbishment: \$ 60,000

<b>Asset Class Table</b>
1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

8. Reason for replacement or refurbishment (fill in)  
Several of the SCADA screens require updates to reflect current infrastructure and remove abandoned features.

9. Consequences of waiting another year (fill in)  
Inefficient use of recharge system, erroneous data, potential human operator error due to misunderstanding SCADA screens

10. If replacement, will original asset remain in use? \_\_\_\_\_
11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_
12. If replacement, describe how the new asset is better than the old one (fill in)  
\_\_\_\_\_

13. If refurbishment, describe in detail (fill in)  
Programming for the SCADA human-machine-interface (HMI) to be accurate to current conditions, also troubleshoot lost devices.

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 39

Requested by: Ben Smith

Date: 02/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Tires on Heavy Equipment RT-16, RT-31, RT-56, T-135

3. Asset class (from table): 12

4. Year original asset purchased or placed in service: 35 years

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 10

7. Estimated cost of replacement or refurbishment: \$ 50,000

8. Reason for replacement or refurbishment (fill in)

The tires on the scraper, tractors, and water truck (RT-16, RT-31, RT-56, T-135) require replacement due to wear and tear.

9. Consequences of waiting another year (fill in)

Heavy equipment not being operational, therefore loss in recharge capacity

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? Scrap

12. If replacement, describe how the new asset is better than the old one (fill in)

The new equipment will not be likely to rupture and it be under warranty.

13. If refurbishment, describe in detail (fill in)

**Asset Class Table**

1. Pipe/Pipeline
2. Pumps
3. Wells (all types)
4. Buildings
5. RO, MF units
6. Parking Lots/Roads
7. Fences/Walls
8. Substations
9. Recharge Basins
10. Wetlands
11. SCADA
12. Heavy Equipment > \$50,000
13. Vehicles > \$50,000
14. Lab Equipment > \$100,000
15. Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 40

Requested by: Ryan Bouley

Date: 01/08/24

1. Check One  
 Replacement      Budgeted previously? Partially  
 Refurbishment

2. Description of asset being replaced or refurbished (fill in)

The Santiago Basin Floating Pump Station controls will be modified with new pump drives and new piping to accommodate pumping in Santiago above 240' MSL. Conduits and floats will be repaired. Wires to pumps will be replaced and new wire anchors installed to prevent wire slumping in the conduits during low-water conditions.

3. Asset class (from table): 2

4. Year original asset purchased or placed in service: 2012

5. Cost of original asset: \$ -

6. Normal useful life in years for this type of asset: 25

7. Estimated cost of replacement or refurbishment: \$ 3,500,000

8. Reason for replacement or refurbishment (fill in)

The outlet piping from the floating pump station does not create enough back-pressure to keep the pumps within their operating range and allow pumping from Santiago between 240' - 286' MSL. The pump station wires failed when they sagged and stretched during low-water conditions, the floating cable conduit separated in one location, and several of the buoys that keep the conduit afloat have failed. The station is currently inoperable.

9. Consequences of waiting another year (fill in)

The floating pump station cannot currently function. The Basin cannot be lowered by pumping when water elevations are between 240' - 286' MSL, and therefore less water can be captured in Santiago Basin and recharged.

10. If replacement, will original asset remain in use? \_\_\_\_\_

11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

The project will modify the new floating pump station discharge piping to produce more pressure in the system at higher water elevations and keep the pumps in their operational range throughout all water elevations in Santiago Basin. Pump drives, power cables and conduits will be replaced/refurbished as necessary to prevent damage to the wiring during low water level conditions.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 41

Requested by: C. Olsen

Date: 01/09/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? no

2. Description of asset being replaced or refurbished (fill in)

Final slope and storm drain relocation at Bond Basin

3. Asset class (from table): 1

4. Year original asset purchased or placed in service: 1972

5. Cost of original asset: ?

6. Normal useful life in years for this type of asset: 50

7. Estimated cost of replacement or refurbishment: \$ 3,000,000

8. Reason for replacement or refurbishment (fill in)

Emergency slope and storm drain repairs at Bond Basin including a tie back wall to stabilize the upper slope and prevent failure and rip rap placement under the drain pipe outlet was completed last year. This final work which is being split 50/50 with city of Orange is to relocate the storm drain and stabilize the slope in the corner where the soil nail wall was completed.

9. Consequences of waiting another year (fill in)

Slope failure encroaching onto Bond Ave./ Hewes Street.

10. If replacement, will original asset remain in use? \_\_\_\_\_

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 42

Requested by: Audrey Perry

Date: 01/08/24

1. Check One  
 Replacement  
 Refurbishment

Budgeted previously? yes

2. Description of asset being replaced or refurbished (fill in)

Replacement of four 48-inch and one 72-inch butterfly valves at Anaheim Lake, and reconnection of power to two 48 inch valves that drain to the Atwood Channel. The project also includes the replacement of five actuators and enclosing the valves in a subterranean vault.

3. Asset class (from table) : 15

4. Year original asset purchased or placed in service: apx 1988

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 30+

7. Estimated cost of replacement or refurbishment: \$ 2,500,000

8. Reason for replacement or refurbishment (fill in)

Two 48" valves and actuators are at the end of their useful life. Enclosing the five valves in a subterranean vault allows access to the currently direct buried valves, makes regular maintenance and the ability to easily replace the remaining valves possible.

9. Consequences of waiting another year (fill in)

The potential of failure of the existing valves increases should waiting another year occur. Without a subterranean vault, access to replace the direct buried valves in the case of an emergency would be complicated.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? \$0

12. If replacement, describe how the new asset is better than the old one (fill in)

New valves and actuators will be more reliable than the old ones, allowing the District to have a reliable system when distributing water in the Anaheim Lake, OC-28 terminus, Atwood Channel area.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

13. If refurbishment, describe in detail (fill in)

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 43

Requested by: F. Almario

Date: 01/19/23

1. Check One

Replacement  
 Refurbishment

Budgeted previously? \_\_\_\_\_

2. Description of asset being replaced or refurbished (fill in)

Injection Well I-8 Vault Lid

3. Asset class (from table): 1

4. Year original asset purchased or placed in service: 1975

5. Cost of original asset: \$ -

6. Normal useful life in years for this type of asset: 50

7. Estimated cost of replacement or refurbishment: \$ 125,000

8. Reason for replacement or refurbishment (fill in)

The injection well I-8 vault was previously damaged due to its location in the traffic lanes on Ellis Avenue. Temporary emergency repairs have been made by welding additional supports and installing additional anchors, but the temporary repairs have begun to deteriorate. This project includes demolishing the existing damaged lid and constructing a replacement with a more robust material.

9. Consequences of waiting another year (fill in)

Risk of significant lid failure in a busy public street and potential interruptions in seawater barrier protection.

10. If replacement, will original asset remain in use? No

11. If replacement, what is the salvage value of the original asset? \$ -

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

The project will include demolition of the existing damaged vault lid. The new vault lid will likely be a custom unit to fit the existing vault. The new vault lid will be rated to withstand the heavy vehicle traffic along Ellis Avenue. Construction duration is expected to last approximately 2 weeks from delivery of the new vault lid. Traffic lane closures will be needed during construction and will be coordinated with the City of Fountain Valley.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 44

Requested by: Ryan Bouley

Date: 01/08/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

GAP South Reservoir. This reservoir aids with service to the northern zone of the GAP network.

3. Asset class (from table): 1

4. Year original asset purchased or placed in service: 40+

5. Cost of original asset: Unknown

6. Normal useful life in years for this type of asset: 50 Yrs.

7. Estimated cost of replacement or refurbishment: \$ 100,000

8. Reason for replacement or refurbishment (fill in)

The City of Santa Ana's potable water reservoir adjacent to the GAP Santa Ana Reservoir has several structural deficiencies. The roof and supporting structural elements need to be replaced. The walls of the reservoir require structural upgrades to maintain usability. The GAP reservoir should be assessed for its current condition to determine if repairs are necessary to the GAP reservoir as well.

9. Consequences of waiting another year (fill in)

Potential of damage to the GAP reservoir from postponing repairs and possible loss of capacity in the northern zone of the GAP system.

10. If replacement, will original asset remain in use? \_\_\_\_\_

11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

This assessment will determine the existing condition of the reservoir and provide recommendations and costs for any necessary refurbishment.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 45

Requested by: R. Herndon

Date: 01/03/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Monitoring well SC-4 is one of 50 Westbay-type wells that use a specialized packer system to hydraulically isolate sections of the well casing to allow collection of depth-specific groundwater level and quality data. The Westbay wells are the "backbone" of the District's basin-wide monitoring well network.

3. Asset class (from table): 3

4. Year original asset purchased or placed in service: 1991

5. Cost of original asset: \$ 150,000

6. Normal useful life in years for this type of asset: 40

7. Estimated cost of replacement or refurbishment: \$ 290,000

8. Reason for replacement or refurbishment (fill in)

One or more inflatable packers have failed (lost pressure) in multi-point monitoring well SC-4 in the city of Orange. By replacing the packers, this should extend the life of the well by 10-20 years. The packers have far exceeded expectations as to their longevity, so staff expects to be replacing these 30+ year-old packers in other wells in the coming years.

9. Consequences of waiting another year (fill in)

With failed packers, the data from this well is no longer representative because of mixing of water from multiple aquifer depths. Therefore, the use of this well is hampered for collecting groundwater levels, e.g., for the annual groundwater contour maps, and quality, e.g., PFAS tracking.

10. If replacement, will original asset remain in use? \_\_\_\_\_

11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

The refurbishment will entail removing the failed packers and PVC casing, using a contractor to perform a light redevelopment to clean the well screens, and purchasing/installing new packers and PVC casing.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 46

Requested by: R. Herndon

Date: 01/23/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? Yes

2. Description of asset being replaced or refurbished (fill in)

This is a continuation of work budgeted and started in FY23-24. Two obsolete monitoring wells are recommended for decommissioning. Monitoring well AM-29A is a shallow well in Anaheim that is no longer needed. Monitoring well MCAS-10 in Irvine is corroded and has reached the end of its useful life. It may be replaced in the future in coordination with Dept. of Navy.

3. Asset class (from table): 3

4. Year original asset purchased or placed in service: 1989

5. Cost of original asset: \$ 75,000

6. Normal useful life in years for this type of asset: 30

7. Estimated cost of replacement or refurbishment: \$ 15,000 (remaining amount to be spent in FY24-25)

8. Reason for replacement or refurbishment (fill in)

Well AM-29A is no longer needed and is located on OCTA property. It is OCWD's responsibility to properly destroy and seal this well when it is no longer needed. The mild steel casing of well MCAS-10 is corroded beyond rehabilitation and should be properly destroyed and sealed before it becomes structurally unstable.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other

9. Consequences of waiting another year (fill in)

This work was budgeted and initiated in FY23-24 but will carry over into FY24-25, so the remaining estimated expenses of \$15,000 are being budgeted in FY24-25.

10. If replacement, will original asset remain in use? \_\_\_\_\_

11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

Well decommissioning is the final "refurbishment" activity, as it properly destroys and seals the well (per State and County requirements) so that it does not pose a safety or water quality hazard.

**Orange County Water District**  
**Request for Refurbishment and Replacement Funding**

Item# 47

Requested by: R. Herndon

Date: 01/03/24

1. Check One

Replacement  
 Refurbishment

Budgeted previously? No

2. Description of asset being replaced or refurbished (fill in)

Monitoring well OCWD-M41 has five casings installed in one borehole to monitor seawater intrusion near the Talbert Barrier. It is a key well to measure chloride concentrations beneath the Huntington Beach Mesa southwest of the Talbert Barrier.

3. Asset class (from table): 3

4. Year original asset purchased or placed in service: 2001

5. Cost of original asset: \$ 180,000

6. Normal useful life in years for this type of asset: 40

7. Estimated cost of replacement or refurbishment: \$ 9,000

8. Reason for replacement or refurbishment (fill in)

Staff recommend installing a PVC liner and inflatable packer inside the existing steel casing (fourth deepest) to seal off a leak from a corrosion hole at one of the casing section welds.

9. Consequences of waiting another year (fill in)

The casing leak allows brackish groundwater to flow into the well casing and distort the groundwater sample data collected from this well used to monitor seawater intrusion. The permanent liner will allow the well to continue to be used to collect representative groundwater samples.

10. If replacement, will original asset remain in use? \_\_\_\_\_

11. If replacement, what is the salvage value of the original asset? \_\_\_\_\_

12. If replacement, describe how the new asset is better than the old one (fill in)

13. If refurbishment, describe in detail (fill in)

The refurbishment will entail installing approximately 100 feet of 2-inch diameter PVC casing and a permanently inflated packer inside 4-inch diameter stainless steel casing to stop water leakage inside the well that is causing the water sample tests to be contaminated with brackish water. The work will be performed by OCWD staff.

<b>Asset Class Table</b>	
1.	Pipe/Pipeline
2.	Pumps
3.	Wells (all types)
4.	Buildings
5.	RO, MF units
6.	Parking Lots/Roads
7.	Fences/Walls
8.	Substations
9.	Recharge Basins
10.	Wetlands
11.	SCADA
12.	Heavy Equipment > \$50,000
13.	Vehicles > \$50,000
14.	Lab Equipment > \$100,000
15.	Other



# **FY2024-25 Budget Replacement & Refurbishment**

Administration/Finance Issues Committee



March 14, 2024

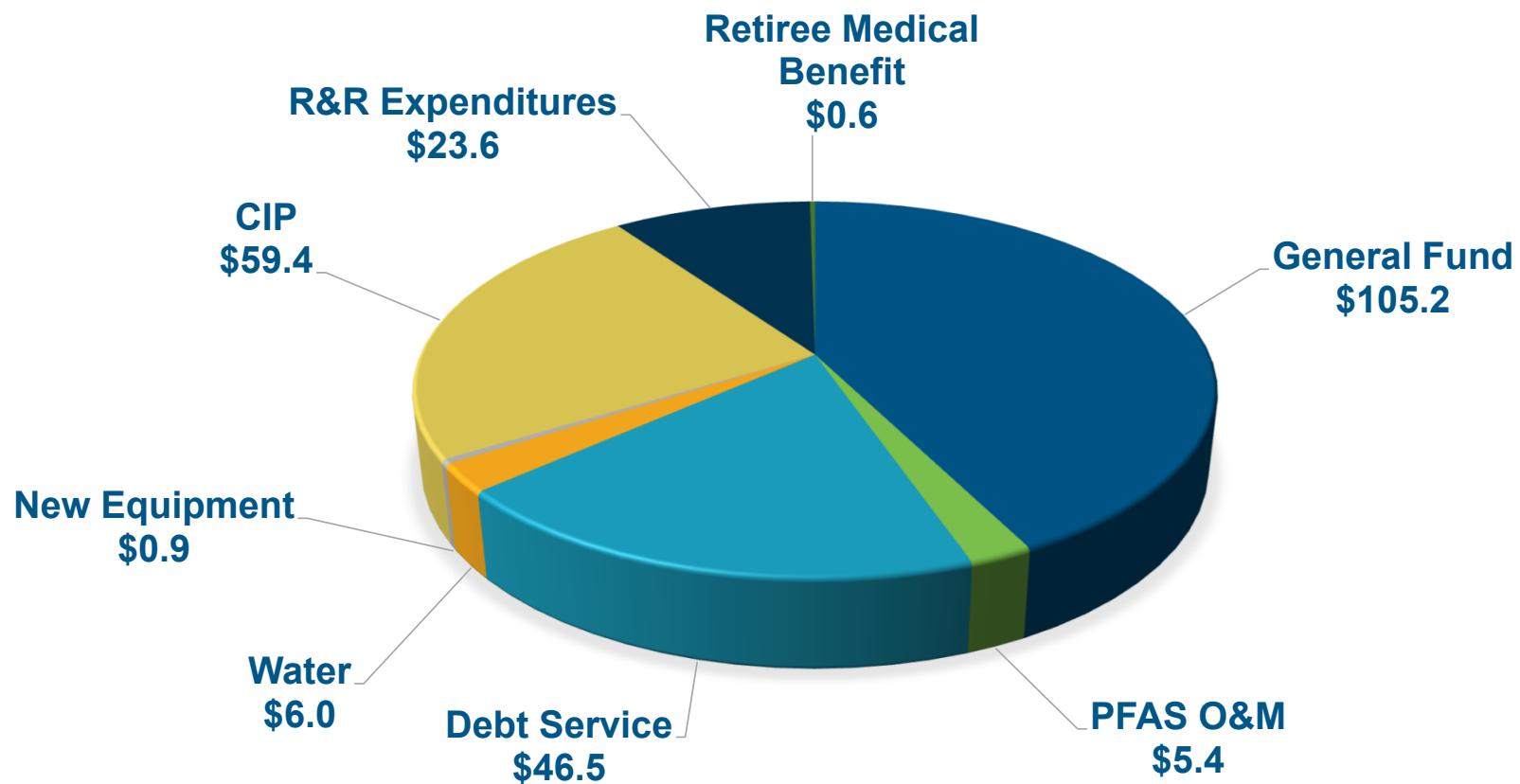
# FY 2023-24 Budget Schedule

Date	Meeting	Topic
December 14, 2023	Admin/Finance Cte	Budget preparation overview and kick-off
January 11, 2024	Admin/Finance Cte	Provide preliminary BPP and RA estimates
March 6, 2024	Board	Present Draft Budget
March 13, 2024	Water Issues Cte	Review Water Budget
March 13, 2024	Producers	Present Draft Budget
March 14, 2024	Admin/Finance Cte	Review R&R Budget
April 10, 2024	Water Issues Cte	Review CIP Budget
April 11, 2024	Admin/Finance Cte	Review General Fund Budget
April 17, 2024	Board	Public Hearing to set RA & BPP Consideration to approve budget



# Budget Components

Total Budget - \$247.6 million



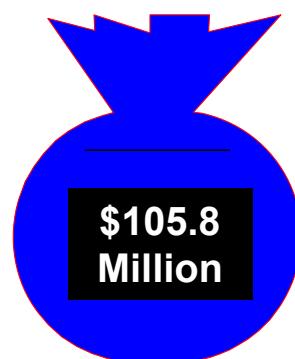
# Refurbishment & Replacement Fund

FY 2024-25

ANNUAL  
\$27.0 MILLION  
OCWD TRANSFER

IN

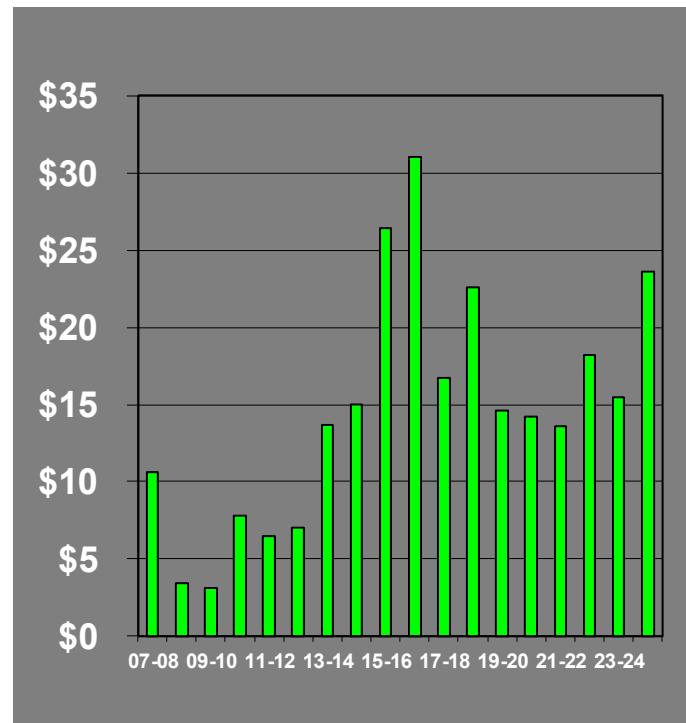
ANNUAL  
INTEREST  
INCOME



R&R Fund

OUT

\$23.6 Million



ANNUAL FUND EXPENDITURES

# Refurbishment and Replacement Fund

- R&R Fund was established in 1998
- Provides for upkeep of existing infrastructure
- A model of all District assets has been created which predicts future R&R expenses and necessary annual funding contributions
- District annually transfers money into the R&R fund - ~\$27.0 M
- Amount of expenditures vary each year
- With the R&R fund Replenishment Assessment rate spikes can be avoided
- Expenditures of \$23.6 million for 47 items

## Replacement of 5,472 MF PP Membranes Train C (Item 6)



- The microfiltration membranes in MF Train C were installed in 2020.
- The plan is to replace 5,472 membrane modules at \$835 each plus tax, shipping cost is estimated at \$352,000 to get the membranes here from the manufacturing facility in Australia.
- If these are not replaced it could lead to further decreased run times between cleaning and higher chemical usage.
- This would ultimately have an effect on GWRS production, especially at 130 mgd production for the completion of GWRSFE.
- **Cost Estimate: \$5,700,000**

# Replace RO CIP PVC Piping System (Item 7)



- The RO system contains an extensive large diameter PVC piping system used for cleaning of RO membranes.
- The original piping system was constructed of schedule 80 PVC and installed in 2007 as part of the original GWRS construction.
- Due to pipe strain from installation and chemical exposure the loop has experienced leaks and costly repairs.
- The loop piping system and components will be replaced with stainless steel piping and flanges.
- **Cost Estimate: \$1,500,000**

# Santiago Floating Pump Station Refurbishment (Item 40)



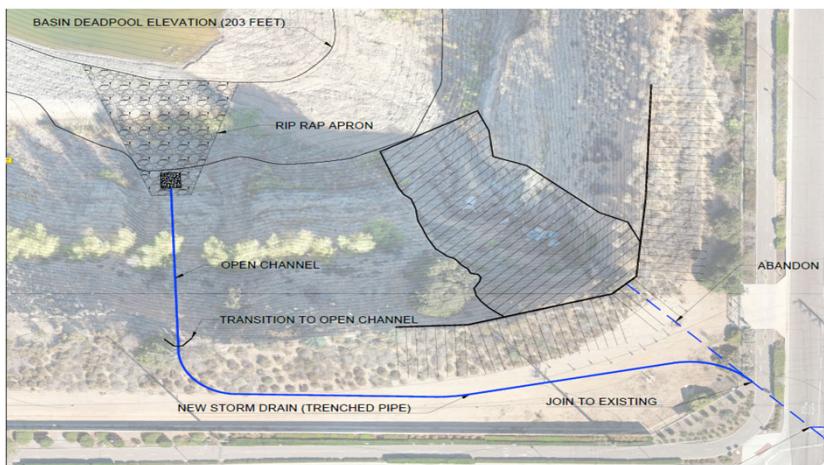
- The pump station has several issues. The most severe are that the main power cables have shorted out due to failure of the anchorage system.
- The float system allows power cables to travel from floating pump station to the main power center located on the shore of the basin.
- Several of the buoys that float the power cables on the water surface have failed and need replacement to keep conduit afloat.
- Also, the outlet piping needs to be modified to create enough back-pressure to keep pumps within their operating range. Due to this issue, the basin cannot be lowered by pumping when water elevation are between 240' -286' MSL, therefore less water can be captured in Santiago Basin and recharged.
- **Cost Estimate: \$3,500,000**

# Anaheim Lake Valve Vault (Item 42)



- Replacement of one 72-inch and four 48-inch butterfly valves at Anaheim Lake and five actuators and enclosing three valves in a subterranean vault.
- The assets are over 30-year-old and delaying the project could result in future valve failure.
- Placing the valves in a subterranean vault will allow access to maintain and replace the valves in the future less complicated.
- New valves and actuators will be more reliable than the old ones when distributing water in the Anaheim Lake and Atwood Channel areas.
- **Cost Estimate: \$2,500,000**

# Orange Storm Drain at Bond Basin (Item 41)



- Slope and storm drain relocation at Bond Basin.
- Emergency slope and storm drain repairs including stabilization of the upper slope and rip rap under the drainpipe was completed last year.
- This final work is to relocate the storm drain and stabilize the slope where the soil nail wall was completed.
- Slope failure would encroach onto Bond Avenue and Hewes Street if project is not completed.
- Cost of project is split 50/50 with the city of Orange.
- **Cost Estimate: \$3,000,000**



## Recommendation

- Receive Board comments and direction to staff



## AGENDA ITEM SUBMITTAL

**Meeting Date:** March 14, 2024

**To:** Administration/Finance Issues Cte.  
Board of Directors

**From:** John Kennedy

**Staff Contact:** R. Fick/M. Ochoa

**Budgeted:** Yes

**Budgeted Amount:** N/A

**Cost Estimate:** N/A

**Funding Source:** All

**Program/Line Item No.** N/A

**General Counsel Approval:** N/A

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

**Subject:** MONTHLY CASH DISBURSEMENTS REPORT

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### SUMMARY

The Committee requested that staff provide information related to the District's cash disbursements and that it be included for review at Administration/Finance Issues Committee meetings.

Attachments: Cash Disbursements Reports for the period February 7, 2023 – February 28, 2024

### RECOMMENDATION

Informational

### BACKGROUND/ANALYSIS

At the request of the Committee, the Cash Disbursements reports are included in detail for review at Administration/Finance Issues Committee meeting. They are also included in the Board packet to be ratified. Checks numbered with a series beginning with an 8 represent normal automated system vendor check payments, checks numbered with an 80 represent vendor payments via single use account, and checks numbered with a series beginning with a 9 are manual checks or wire transfer disbursements.

**PRIOR RELEVANT BOARD ACTION(S):** Monthly

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 1

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116611	2024-02-01	UNITED PARCEL SERVICE	Inv# 0000X81601044	01/27/24	\$677.80		
		<b>Total for Check:</b>	<b>116611</b>			<b>\$677.80</b>	<b>\$4,151.85</b>
116612	2024-02-07	U.S. BANK CORPORATE PAYMENT SYSTEM	Inv# BH JANUARY 2024 CC	BH Jan24 cc	\$16,508.42		
116612	2024-02-07	U.S. BANK CORPORATE PAYMENT SYSTEM	Inv# CMF JANUARY 2024 CC		\$1,280.63		
116612	2024-02-07	U.S. BANK CORPORATE PAYMENT SYSTEM	Inv# JLK JANUARY 2024 CC	JLK Jan24 cc	\$6,931.56		
116612	2024-02-07	U.S. BANK CORPORATE PAYMENT SYSTEM	Inv# LAV JANUARY 2024 CC		\$2,726.27		
116612	2024-02-07	U.S. BANK CORPORATE PAYMENT SYSTEM	Inv# ORDER #1086751687 1/3/24	Generated by reorder	\$1,252.15		
116612	2024-02-07	U.S. BANK CORPORATE PAYMENT SYSTEM	Inv# ORDER #1086751687 1/3/24	Generated by reorder	\$156.10		
116612	2024-02-07	U.S. BANK CORPORATE PAYMENT SYSTEM	Inv# ORDER #1086751687 1/3/24	Generated by reorder	\$91.93		
116612	2024-02-07	U.S. BANK CORPORATE PAYMENT SYSTEM	Inv# ORDER #1086751687 1/3/24	Generated by reorder	\$81.74		
116612	2024-02-07	U.S. BANK CORPORATE PAYMENT SYSTEM	Inv# ORDER #1086751687		(\$15.20)		
		<b>Total for Check:</b>	<b>116612</b>			<b>\$29,013.60</b>	<b>\$475,959.55</b>
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 161D-QKPT-W4VW	SUPPLIES	\$173.33		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 161D-QKPT-W4VW	SUPPLIES	\$13.02		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 16VQ-Q1MW-LMK7	FIELD EQUIPMENT	\$41.76		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 16VQ-Q1MW-LMK7	FIELD EQUIPMENT	\$22.35		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 16VQ-Q1MW-LMK7	Shipping	\$7.60		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 17XN-9HR1-K71R	REPLACES BPO# 516808	\$269.20		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1FGQ-KGK7-VVX7	REPLACES BPO# 516808	\$147.18		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1HNP-FC11-146G	TOUR EQUIP/ ITEMS FOR MMARKUS	\$97.86		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1HNP-FC11-146G	TOUR EQUIP/ ITEMS FOR MMARKUS	\$71.73		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1HNP-FC11-146G	TOUR EQUIP/ ITEMS FOR MMARKUS	\$35.32		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1HNP-FC11-146G	TOUR EQUIP/ ITEMS FOR MMARKUS	\$28.26		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 2

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1HNP-FC11-146G MMARKUS	TOUR EQUIP/ ITEMS FOR	\$19.57		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1NWQ-7NP6-VCRX	REPLACES BPO# 516808	\$418.32		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1WTH-H3DX-H3CF	Promotion	(\$2.34)		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1XVH-44YC-6R4F	SUPPLIES/GEAR/EQUIP	\$32.29		
116614	2024-02-07	AMAZON CAPITAL SERVICES, INC	Inv# 1XVH-44YC-6R4F	Shipping	\$10.86		
<b>Total for Check:</b>		116614				\$1,386.31	\$28,678.24
116615	2024-02-07	AMERICAN WATER CHEMICAL, INC	Inv# 52228861	1/11 40800 lb antiscalant	\$53,448.00		
<b>Total for Check:</b>		116615				\$53,448.00	\$1,206,840.40
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0110198000_20240118	12.14.23-01.16.24	\$123.73		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0110452300_20240119	12.14.23-01.16.24	\$445.70		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0110561300_20240119	12.14.23-01.16.24	\$38.62		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0110562000_20240119	12.15.23-01.17.24	\$2,565.49		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0127464300_20240112	12.11.23-01.10.24	\$866.96		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0127602300_20240112	12.11.23-01.10.24	\$57.32		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0127603000_20240116	12.11.23-01.10.24	\$48.35		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0127704000_20240112	12.11.23-01.10.24	\$497.51		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0128276000_20240116	12.12.23-01.11.24	\$119.00		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0128277000_20240114	12.12.23-01.11.24	\$1,565.36		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0128279000_20240116	12.12.23-01.11.24	\$1,595.09		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0128280300_20240116	12.11.23-01.10.24	\$59.30		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0128282300_20240116	12.11.23-01.10.24	\$290.59		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0128283000_20240116	12.12.23-01.11.24	\$1,150.11		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0128284000_20240116	12.12.23-01.11.24	\$128.19		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0128660002_20240116	12.12.23-01.11.24	\$477.13		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0131487000_20240116	12.12.23-01.11.24	\$51.31		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0132538000_20240116	12.12.23-01.11.24	\$413.63		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0134144000_20240116		\$50.65		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0134145000_20240112	12.11.23-01.10.24	\$50.65		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0134965000_20240112	12.11.23-01.10.24	\$80.88		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0137310300_20240119	12.14.23-01.16.24	\$19.93		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0138802000_20240116	12.12.23-01.11.24	\$15.60		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0139824000_20240116	12.12.23-01.11.24	\$49.56		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 3

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0140776000_20240119	12.15.23-01.17.24	\$73.46		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0145086300_20240119	12.14.23-01.16.24	\$19.93		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0145552000_20240116	12.12.23-01.11.24	\$20.86		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0147092000	12.15.23-01.17.24	\$139.83		
116618	2024-02-07	ANAHEIM, CITY OF	Inv# 0111128000_20240119	12.15.23-01.17.24	\$339.68		
<b>Total for Check:</b> 116618						<b>\$11,354.42</b>	<b>\$231,772.37</b>
116619	2024-02-07	ARAMARK UNIFORM SERVICES	Inv# 589000728		\$5,088.69		
116619	2024-02-07	ARAMARK UNIFORM SERVICES	Inv# 589000729		\$8,016.40		
116619	2024-02-07	ARAMARK UNIFORM SERVICES	Inv# 5890328806		\$142.87		
116619	2024-02-07	ARAMARK UNIFORM SERVICES	Inv# 5890328808		\$47.03		
<b>Total for Check:</b> 116619						<b>\$13,294.99</b>	<b>\$43,455.33</b>
116620	2024-02-07	ASSI SECURITY	Inv# 74759	Annual CCTV Maintenance	\$24,000.00		
<b>Total for Check:</b> 116620						<b>\$24,000.00</b>	<b>\$29,850.00</b>
116621	2024-02-07	AT & T	Inv# 714 974-3616_20240111	01/11/24 - 02/10/24	\$86.78		
<b>Total for Check:</b> 116621						<b>\$86.78</b>	<b>\$24,008.56</b>
116622	2024-02-07	BATTERY SYSTEMS	Inv# 28880108241058	BPO BATTERIES	\$154.84		
116622	2024-02-07	BATTERY SYSTEMS	Inv# 28880108241058	Battery Fee	\$2.00		
<b>Total for Check:</b> 116622						<b>\$156.84</b>	<b>\$3,600.00</b>
116623	2024-02-07	BEARCOM	Inv# 5671744	HANDHELD RADIOS AND ANTENNA	\$1,939.48		
116623	2024-02-07	BEARCOM	Inv# 5671744	HANDHELD RADIOS AND ANTENNA	\$285.53		
116623	2024-02-07	BEARCOM	Inv# 5671744	Shipping	\$43.10		
<b>Total for Check:</b> 116623						<b>\$2,268.11</b>	<b>\$7,707.58</b>
116624	2024-02-07	BOOT BARN INC.	Inv# INV00330036	BPO BOOT BARN	\$200.00		
116624	2024-02-07	BOOT BARN INC.	Inv# INV00330037	BPO BOOT BARN	\$200.00		
<b>Total for Check:</b> 116624						<b>\$400.00</b>	<b>\$5,420.52</b>
116625	2024-02-07	BOTTOMLINE TECHNOLOGIES	Inv# USINV-108811	1505	\$9,710.25		
116625	2024-02-07	BOTTOMLINE TECHNOLOGIES	Inv# USINV-108811		\$6,473.50		
116625	2024-02-07	BOTTOMLINE TECHNOLOGIES	Inv# USINV-108811		\$3,236.75		
116625	2024-02-07	BOTTOMLINE TECHNOLOGIES	Inv# USINV-108811		(\$9,710.25)		
<b>Total for Check:</b> 116625						<b>\$9,710.25</b>	<b>\$21,533.87</b>
116626	2024-02-07	BRENNETAG PACIFIC INC.	Inv# BPI406228	2/1 21.36 ton H.Peroxide	\$10,680.00		
116626	2024-02-07	BRENNETAG PACIFIC INC.	Inv# BPI406228	discount	(\$213.60)		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 4

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116626	2024-02-07	BRENNETAG PACIFIC INC.	Inv# BPI406229	2/1 22.065 ton citric acid	\$29,130.76		
116626	2024-02-07	BRENNETAG PACIFIC INC.	Inv# BPI406229	discount	(\$582.62)		
		<b>Total for Check:</b>	116626			\$39,014.54	\$1,488,389.58
116627	2024-02-07	BUCKNAM INFRASTRUCTURE GROUP INC	Inv# 392-01.03	1552	\$2,759.00		
		<b>Total for Check:</b>	116627			\$2,759.00	\$7,777.50
116628	2024-02-07	Barker, Zachary	Inv# JUL23-JAN24 STIPENDS	7/18/23-1/17/24 stipends (6)	\$240.00		
		<b>Total for Check:</b>	116628			\$240.00	\$480.00
116629	2024-02-07	CERIDIAN HCM, INC.	Inv# 1N1113947		\$75.21		
		<b>Total for Check:</b>	116629			\$75.21	\$58,146.81
116630	2024-02-07	CITY OF HUNTINGTON BEACH	Inv# 5386189_20240125	12.22.23-01.24.24	\$49.88		
		<b>Total for Check:</b>	116630			\$49.88	\$356.82
116631	2024-02-07	COMMERCIAL DOOR OF ORANGE CO.	Inv# 27620	Misc Door Repairs Around Facil	\$3,044.44		
		<b>Total for Check:</b>	116631			\$3,044.44	\$7,748.05
116632	2024-02-07	CSUF ASC	Inv# AR173747	10.01-12.31 /01.01.24-03.31.24	\$31,216.56		
		<b>Total for Check:</b>	116632			\$31,216.56	\$61,190.34
116633	2024-02-07	DEPARTMENT OF TOXIC SUBSTANCES	Inv# 23SM3322	South Basin RI/FS	\$672.30		
		<b>Total for Check:</b>	116633			\$672.30	\$12,165.14
116634	2024-02-07	DEPARTMENT OF TOXIC SUBSTANCES	Inv# 23SM3262		\$8,772.91		
		<b>Total for Check:</b>	116634			\$8,772.91	\$12,165.14
116635	2024-02-07	ENVIRONMENTAL EXPRESS	Inv# 1000769597	SUPPLIES	\$31.21		
116635	2024-02-07	ENVIRONMENTAL EXPRESS	Inv# 1000769597	reight	\$16.97		
		<b>Total for Check:</b>	116635			\$48.18	\$3,547.03
116636	2024-02-07	EPPENDORF NORTH AMERICA INC.	Inv# 4009189988	SAMPLE ANALYSIS	\$1,692.00		
		<b>Total for Check:</b>	116636			\$1,692.00	\$3,820.12
116637	2024-02-07	EXCELSIOR ELEVATOR	Inv# 34161	BPO ELEVATOR SERVICE	\$583.33		
116637	2024-02-07	EXCELSIOR ELEVATOR	Inv# 34161	Discount	(\$5.83)		
		<b>Total for Check:</b>	116637			\$577.50	\$17,460.76
116638	2024-02-07	F.D. THOMAS, INC.	Inv# 725.03	EPOXY COATING	\$34,267.00		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 5

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116638	2024-02-07	F.D. THOMAS, INC.	Inv# 725.03	EPOXY COATING	\$25,000.00		
116638	2024-02-07	F.D. THOMAS, INC.	Inv# 725.03	EPOXY COATING	\$10,117.00		
<b>Total for Check:</b> 116638						\$69,384.00	\$69,384.00
116639	2024-02-07	FACTORY MOTOR PARTS	Inv# 102-203098	BPO AUTO PARTS	\$28.44		
116639	2024-02-07	FACTORY MOTOR PARTS	Inv# 12-5718716	BPO AUTO PARTS	\$125.06		
116639	2024-02-07	FACTORY MOTOR PARTS	Inv# 164-310743	BPO AUTO PARTS	\$50.05		
116639	2024-02-07	FACTORY MOTOR PARTS	Inv# 164-310779	BPO AUTO PARTS	\$170.15		
116639	2024-02-07	FACTORY MOTOR PARTS	Inv# 164-310779	BPO AUTO PARTS	\$42.47		
116639	2024-02-07	FACTORY MOTOR PARTS	Inv# 164-310709	BPO AUTO PARTS	\$34.80		
116639	2024-02-07	FACTORY MOTOR PARTS	Inv# 164-310644	BPO AUTO PARTS	\$73.13		
<b>Total for Check:</b> 116639						\$524.10	\$10,421.59
116640	2024-02-07	FEDERAL EXPRESS CORPORATION	Inv# 8-396-25203	Package Delivery	\$114.93		
116640	2024-02-07	FEDERAL EXPRESS CORPORATION	Inv# 8-396-25204	Package Delivery	\$80.18		
<b>Total for Check:</b> 116640						\$195.11	\$11,429.65
116641	2024-02-07	FERGUSON WATERWORKS #1083	Inv# 0021888	Cover Gaskets for Crispin Air	\$651.37		
116641	2024-02-07	FERGUSON WATERWORKS #1083	Inv# 0021888	Freight	\$16.30		
<b>Total for Check:</b> 116641						\$667.67	\$3,467.97
116642	2024-02-07	FIDELITY INVESTMENTS	Inv# FEBRUARY7, 2024 457B	Feb 7, 24 PR#3 457b	\$0.33		
116642	2024-02-07	FIDELITY INVESTMENTS	Inv# FEBRUARY7, 2024 457B	Feb 7, 24 PR#3 457b	(\$0.33)		
<b>Total for Check:</b> 116642						\$0.00	\$712,357.47
116643	2024-02-07	FIELDMAN, ROLAPP & ASSOCIATES	Inv# 28959	1532	\$2,000.00		
<b>Total for Check:</b> 116643						\$2,000.00	\$7,347.50
116644	2024-02-07	FILMTEC CORP	Inv# 951457233	Replacement membranes	\$524,414.25		
116644	2024-02-07	FILMTEC CORP	Inv# 951457233	Replacement membranes	\$15,732.43		
<b>Total for Check:</b> 116644						\$540,146.68	\$2,747,016.96
116645	2024-02-07	FISHER SCIENTIFIC CO.	Inv# 8718013	Generated by reorder 12/18/23	\$1,982.94		
116645	2024-02-07	FISHER SCIENTIFIC CO.	Inv# 8718013	Shipping	\$8.20		
<b>Total for Check:</b> 116645						\$1,991.14	\$144,612.95
116646	2024-02-07	FRONTIER COMMUNICATIONS	Inv# 714-965-1308_20240215	01.22.24-02.21.24	\$237.12		
<b>Total for Check:</b> 116646						\$237.12	\$32,532.57
116647	2024-02-07	FRONTIER COMMUNICATIONS	Inv# 209-150-2229_20241116	12.16.24-01.15.24	\$80.57		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 6

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
		<b>Total for Check:</b> 116647				\$80.57	\$32,532.57
116648	2024-02-07	FRONTIER COMMUNICATIONS	Inv# 323-171-0001_20240220	01/26/24-02/25/24	\$555.00		
		<b>Total for Check:</b> 116648				\$555.00	\$32,532.57
116649	2024-02-07	FRUIT GROWERS LABORATORY INC	Inv# 320475A	BPO RADIOACTIVITY ANAYLSES	\$531.00		
116649	2024-02-07	FRUIT GROWERS LABORATORY INC	Inv# 321185A	BPO RADIOACTIVITY ANAYLSES	\$64.00		
		<b>Total for Check:</b> 116649				\$595.00	\$31,017.00
116650	2024-02-07	GRAINGER INC.	Inv# 9947512456	BPO INDUSTRIAL SUPPLIES	\$64.17		
		<b>Total for Check:</b> 116650				\$64.17	\$128,447.51
116651	2024-02-07	GRAYBAR ELECTRIC COMPANY, INC.	Inv# 9335774659	Generated by reorder 1/25/24 6	\$84.69		
116651	2024-02-07	GRAYBAR ELECTRIC COMPANY, INC.	Inv# 9335774659	Discount	(\$0.78)		
		<b>Total for Check:</b> 116651				\$83.91	\$15,332.26
116652	2024-02-07	Gautier, Eric	Inv# GAUTITER JANUARY 26, 2024		\$48.90		
		<b>Total for Check:</b> 116652				\$48.90	\$198.90
116653	2024-02-07	Greening, Mark	Inv# JUN23-JAN24 STIPENDS (7)	6/5/23-1/4/24 stipends	\$280.00		
		<b>Total for Check:</b> 116653				\$280.00	\$520.00
116654	2024-02-07	HACH COMPANY	Inv# 13874555	Hydrogen Peroxide Analyzer4 St	\$36,745.54		
116654	2024-02-07	HACH COMPANY	Inv# 13874555	Hydrogen Peroxide Analyzer4 St	\$4,131.00		
116654	2024-02-07	HACH COMPANY	Inv# 13874555	Hydrogen Peroxide Analyzer4 St	\$518.74		
116654	2024-02-07	HACH COMPANY	Inv# 13874555	Freight	\$372.65		
		<b>Total for Check:</b> 116654				\$41,767.93	\$83,588.57
116655	2024-02-07	HAZEN AND SAWYER	Inv# 0000003	Dec23 Sunset GAP intrusion	\$24,529.25		
		<b>Total for Check:</b> 116655				\$24,529.25	\$64,520.84
116656	2024-02-07	HB DIGITAL ARTS & BLUEPRINT	Inv# INV-120955	BANNERS FOR TET PARADE	\$68.96		
116656	2024-02-07	HB DIGITAL ARTS & BLUEPRINT	Inv# INV-120955	BANNERS FOR TET PARADE	\$51.72		
		<b>Total for Check:</b> 116656				\$120.68	\$702.71
116657	2024-02-07	HOME DEPOT CREDIT SERVICES	Inv# 4627130	BPO INDUSTRIAL SUPPLIES	\$55.93		
116657	2024-02-07	HOME DEPOT CREDIT SERVICES	Inv# 8013670	BPO INDUSTRIAL SUPPLIES	\$38.50		
116657	2024-02-07	HOME DEPOT CREDIT SERVICES	Inv# 9626560	BPO INDUSTRIAL SUPPLIES	\$28.42		
		<b>Total for Check:</b> 116657				\$122.85	\$22,044.36

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 7

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116658	2024-02-07	IMPERIAL SPRINKLER	Inv# 0014108787-001	BPO LANDSCAPE SUPPLIES	\$130.62		
116658	2024-02-07	IMPERIAL SPRINKLER	Inv# 0014108787-001	Discount	(\$2.42)		
		<b>Total for Check:</b>	116658			\$128.20	\$441.95
116659	2024-02-07	IN-SITU INC.	Inv# 1NV104134	Hydrovu Data Services Plan - 2	\$220.50		
		<b>Total for Check:</b>	116659			\$220.50	\$5,631.54
116660	2024-02-07	INTERA INCORPORATED	Inv# 12-23-93	Dec23 N.Basin grndwtr.model	\$1,150.00		
		<b>Total for Check:</b>	116660			\$1,150.00	\$103,750.00
116661	2024-02-07	IRVINE PIPE & SUPPLY CO	Inv# S116923780.001	Generated by reorder 11/20/23	\$14,055.94		
116661	2024-02-07	IRVINE PIPE & SUPPLY CO	Inv# S116923780.001	S&H	\$27.19		
116661	2024-02-07	IRVINE PIPE & SUPPLY CO	Inv# S116923780.001	Discount	(\$258.50)		
116661	2024-02-07	IRVINE PIPE & SUPPLY CO	Inv# S117334147.001	BPO PIPE SUPPLIES	\$232.60		
116661	2024-02-07	IRVINE PIPE & SUPPLY CO	Inv# S117334147.001	Discount	(\$4.26)		
116661	2024-02-07	IRVINE PIPE & SUPPLY CO	Inv# S117335426.001	BPO PIPE SUPPLIES	\$136.86		
116661	2024-02-07	IRVINE PIPE & SUPPLY CO	Inv# S117335426.001	S&H	\$16.99		
116661	2024-02-07	IRVINE PIPE & SUPPLY CO	Inv# S117335426.001	Discount	(\$2.52)		
		<b>Total for Check:</b>	116661			\$14,204.30	\$69,342.14
116662	2024-02-07	JOE A. GONSALVES AND SON	Inv# 161299	Jan24 legis.support/SACTO	\$8,000.00		
		<b>Total for Check:</b>	116662			\$8,000.00	\$56,000.00
116663	2024-02-07	KDC SYSTEMS	Inv# 35407	Lab-Andover Controls Support a	\$3,000.00		
		<b>Total for Check:</b>	116663			\$3,000.00	\$156,353.32
116664	2024-02-07	LANCE, SOLL & LUNGHARD, LLP	Inv# 61383	2023 state controller report	\$1,159.00		
		<b>Total for Check:</b>	116664			\$1,159.00	\$35,253.00
116665	2024-02-07	LHOIST NORTH AMERICA	Inv# 1102400271	1/2-9 (6)lime tot.155.93 tons	\$63,619.43		
		<b>Total for Check:</b>	116665			\$63,619.43	\$1,043,464.07
116666	2024-02-07	MCFADDEN-DALE HARDWARE CO.	Inv# 5362175	BPO INDUSTRIAL SUPPLIES	\$34.00		
116666	2024-02-07	MCFADDEN-DALE HARDWARE CO.	Inv# 5362175	DISCOUNT	(\$0.95)		
116666	2024-02-07	MCFADDEN-DALE HARDWARE CO.	Inv# 5367845	BPO INDUSTRIAL SUPPLIES	\$55.71		
116666	2024-02-07	MCFADDEN-DALE HARDWARE CO.	Inv# 5367845	Discount	(\$1.55)		
		<b>Total for Check:</b>	116666			\$87.21	\$6,915.69
116667	2024-02-07	MCMASTER-CARR SUPPLY COMPANY	Inv# 20802154	BPO INDUSTRIAL SUPPLIES	\$140.23		
116667	2024-02-07	MCMASTER-CARR SUPPLY COMPANY	Inv# 20802154	Shipping	\$14.73		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 8

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116667	2024-02-07	MCMASTER-CARR SUPPLY COMPANY	Inv# 20802154	Discount	(\$2.80)		
116667	2024-02-07	MCMASTER-CARR SUPPLY COMPANY	Inv# 21305509	Battery and High-Volt J.HAMMER	\$254.48		
116667	2024-02-07	MCMASTER-CARR SUPPLY COMPANY	Inv# 21305509	Battery and High-Volt J.HAMMER	\$232.40		
116667	2024-02-07	MCMASTER-CARR SUPPLY COMPANY	Inv# 21305509	Battery and High-Volt J.HAMMER	\$140.09		
116667	2024-02-07	MCMASTER-CARR SUPPLY COMPANY	Inv# 21305509	Shipping	\$47.54		
116667	2024-02-07	MCMASTER-CARR SUPPLY COMPANY	Inv# 21305509	Battery and High-Volt J.HAMMER	\$20.11		
116667	2024-02-07	MCMASTER-CARR SUPPLY COMPANY	Inv# 21305509	Discount	(\$12.94)		
<b>Total for Check:</b> 116667						\$833.84	\$18,026.56
116668	2024-02-07	MICRO MOTION, INC.	Inv# 40773003	Generated by reorder 1/2/24	\$3,748.61		
116668	2024-02-07	MICRO MOTION, INC.	Inv# 40773003	Fr&handling	\$6.39		
<b>Total for Check:</b> 116668						\$3,755.00	\$87,022.55
116669	2024-02-07	MUNIQUIP, LLC	Inv# 201164	Generated by reorder 12/11/23	\$906.32		
116669	2024-02-07	MUNIQUIP, LLC	Inv# 201164	Generated by reorder 12/11/23	\$688.82		
116669	2024-02-07	MUNIQUIP, LLC	Inv# 201164	Freight	\$20.15		
<b>Total for Check:</b> 116669						\$1,615.29	\$2,670.40
116670	2024-02-07	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 697695	BPO AUTO PARTS	\$18.43		
116670	2024-02-07	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 697695	Discount	(\$0.37)		
<b>Total for Check:</b> 116670						\$18.06	\$2,901.95
116671	2024-02-07	ODP BUSINESS SOLUTIONS LLC	Inv# 351476251001		\$100.03		
<b>Total for Check:</b> 116671						\$100.03	\$3,243.52
116672	2024-02-07	ONESOURCE DISTRIBUTORS INC.	Inv# S7267585.002	Allen Bradley Circuit Boards B	\$1,841.14		
116672	2024-02-07	ONESOURCE DISTRIBUTORS INC.	Inv# S7267585.002	Discount	(\$16.93)		
<b>Total for Check:</b> 116672						\$1,824.21	\$99,042.67
116673	2024-02-07	ORANGE COUNTY TREASURER-TAX COLLECTOR	Inv# SAR PRCL E01-706.1	September2023	\$2,420.25		
<b>Total for Check:</b> 116673						\$2,420.25	\$19,362.00

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 9

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116674	2024-02-07	PACIFIC HYDROTECH CORPORATION	Inv# 14	Prog.Pmt#14 SA-2021-1	\$298,680.00		
116674	2024-02-07	PACIFIC HYDROTECH CORPORATION	Inv# 3	Prog.Pmt#3 SA-2022-1	\$76,964.25		
<b>Total for Check:</b> 116674						\$375,644.25	\$4,770,008.28
116675	2024-02-07	AMERICAN BUSINESS BANK	Inv# ESC 8169802 RET#14	Ret#14 P.Hydro SA-2021-1	\$15,720.00		
<b>Total for Check:</b> 116675						\$15,720.00	\$20,401.10
116676	2024-02-07	AMERICAN BUSINESS BANK	Inv# ESC 8799804 RET#3	Ret#3 P.Hydro SA-2022-1	\$4,050.75		
<b>Total for Check:</b> 116676						\$4,050.75	\$23,947.19
116677	2024-02-07	PACIFIC OFFICE AUTOMATION	Inv# 962195	BPO KONICA SERVICE	\$109.35		
<b>Total for Check:</b> 116677						\$109.35	\$2,022.01
116678	2024-02-07	PENDERGRAFT, REX	Inv# JANUARY 2024	Retiree Cash Medical	\$412.45		
<b>Total for Check:</b> 116678						\$412.45	\$3,253.10
116679	2024-02-07	PHENOVA INC	Inv# 200674	SUPPLIES	\$142.05		
116679	2024-02-07	PHENOVA INC	Inv# 200674	Fr&Handling	\$39.13		
<b>Total for Check:</b> 116679						\$181.18	\$7,624.66
116680	2024-02-07	PURE PROCESS FILTRATION INC	Inv# 87887	ICE MACHINE WATER FILTERS	\$261.00		
116680	2024-02-07	PURE PROCESS FILTRATION INC	Inv# 87887	S&H	\$61.89		
<b>Total for Check:</b> 116680						\$322.89	\$1,769.27
116681	2024-02-07	QUINN COMPANY	Inv# PC830417979	BPO EQUIPMENT & SUPPLIES	\$676.82		
<b>Total for Check:</b> 116681						\$676.82	\$2,071,224.32
116682	2024-02-07	RAINBOW DISPOSAL CO INC	Inv# 0605-001057101	BPO TRASH SERVICE	\$6,603.77		
<b>Total for Check:</b> 116682						\$6,603.77	\$50,393.90
116683	2024-02-07	RAINS-FLO MFG., CO. INC.	Inv# 065526	Generated by reorder 1/8/24 7:	\$4,936.00		
116683	2024-02-07	RAINS-FLO MFG., CO. INC.	Inv# 065526	freight	\$27.01		
<b>Total for Check:</b> 116683						\$4,963.01	\$9,424.39
116684	2024-02-07	RAYMOND HANDLING SOLUTIONS	Inv# W11662242	BPO FORKLIFT SERVICE	\$117.00		
<b>Total for Check:</b> 116684						\$117.00	\$1,527.00
116685	2024-02-07	INTERSTATE BILLING SERVICE, INC.	Inv# 3035861898	BPO TRUCK PARTS	\$334.03		
<b>Total for Check:</b> 116685						\$334.03	\$12,143.53
116686	2024-02-07	Reynoso, Octavio	Inv# JUN23-JAN24 STIPENDS	6/14/23-1/28/24 stipends (7)	\$280.00		
<b>Total for Check:</b> 116686						\$280.00	\$660.00

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 10

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116687	2024-02-07	SAN DIEGO FLUID SYSTEM TECHNOLOGIES	Inv# 99286	1/4in Metering Valves - Resear	\$944.82		
116687	2024-02-07	SAN DIEGO FLUID SYSTEM TECHNOLOGIES	Inv# 99286	Freight	\$18.67		
<b>Total for Check:</b> 116687						\$963.49	\$5,533.75
116688	2024-02-07	SANTA ANA, CITY OF	Inv# 5-3995.300_20240124	11.08.23-01.11.24	\$410.35		
<b>Total for Check:</b> 116688						\$410.35	\$1,001,641.40
116689	2024-02-07	SOUTHWEST MATERIAL HANDLING INC.	Inv# PSVI-153675		\$152.00		
116689	2024-02-07	SOUTHWEST MATERIAL HANDLING INC.	Inv# PSVI-153675	OPEN SERVICE BPO	\$37.93		
<b>Total for Check:</b> 116689						\$189.93	\$3,334.00
116690	2024-02-07	STATE OF CALIFORNIA	Inv# 12-ORA-057-0010-04		\$810.00		
<b>Total for Check:</b> 116690						\$810.00	\$5,670.00
116691	2024-02-07	SUNSET INDUSTRIAL PARTS	Inv# INV66384	4in Green Sump Pump Hoses	\$983.51		
<b>Total for Check:</b> 116691						\$983.51	\$9,195.51
116692	2024-02-07	Safarik, Jana	Inv# JUL-DEC23 STIPENDS	Jul-Dec23 stipends (6)	\$240.00		
<b>Total for Check:</b> 116692						\$240.00	\$1,411.11
116693	2024-02-07	THE PRINTERY INC	Inv# 139899	PRINT JOB - GWRS TECH BROCHURE	\$5,262.09		
<b>Total for Check:</b> 116693						\$5,262.09	\$8,309.84
116694	2024-02-07	TOM'S TRUCK CENTER, INC	Inv# 1325618	BPO FORD PARTS	\$979.06		
116694	2024-02-07	TOM'S TRUCK CENTER, INC	Inv# 1325618		\$27.00		
116694	2024-02-07	TOM'S TRUCK CENTER, INC	Inv# 1325955	BPO FORD PARTS	\$268.67		
116694	2024-02-07	TOM'S TRUCK CENTER, INC	Inv# 1325955		\$27.00		
<b>Total for Check:</b> 116694						\$1,301.73	\$30,102.75
116695	2024-02-07	TROJAN TECHNOLOGIES, INC.	Inv# 200 / 19660	Generated by reorder 1/3/24 2:	\$299.50		
116695	2024-02-07	TROJAN TECHNOLOGIES, INC.	Inv# 200 / 19660	Freight	\$17.75		
<b>Total for Check:</b> 116695						\$317.25	\$731,936.85
116696	2024-02-07	U.S. BANK	Inv# 14105480	12.01.23-12.31.23	\$1,195.67		
<b>Total for Check:</b> 116696						\$1,195.67	\$36,000.96
116697	2024-02-07	UNIFIRST CORPORATION	Inv# 2190111157	1557	\$9.10		
116697	2024-02-07	UNIFIRST CORPORATION	Inv# 2190111158	1557	\$134.34		
116697	2024-02-07	UNIFIRST CORPORATION	Inv# 2190111159	1557	\$250.72		
116697	2024-02-07	UNIFIRST CORPORATION	Inv# 2190111160	1557	\$38.55		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 11

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116697	2024-02-07	UNIFIRST CORPORATION	Inv# 2190111161	1557	\$618.09		
116697	2024-02-07	UNIFIRST CORPORATION	Inv# 2190111163	1557	\$24.14		
116697	2024-02-07	UNIFIRST CORPORATION	Inv# 2200088032	1557	\$33.34		
<b>Total for Check:</b> 116697						<b>\$1,108.28</b>	<b>\$2,278.71</b>
116698	2024-02-07	UNITED PARCEL SERVICE	Inv# 0000X81601054_20240203		\$174.87		
<b>Total for Check:</b> 116698						<b>\$174.87</b>	<b>\$4,151.85</b>
116699	2024-02-07	UNITED STATES GEOLOGICAL SURVEY	Inv# 91132743		\$11,675.00		
<b>Total for Check:</b> 116699						<b>\$11,675.00</b>	<b>\$34,440.00</b>
116700	2024-02-07	UNITED WATER WORKS INC	Inv# S100123159.002	20" x 36" AIR VAC Covers - San	\$654.06		
<b>Total for Check:</b> 116700						<b>\$654.06</b>	<b>\$2,651.79</b>
116701	2024-02-07	UNIVAR SOLUTIONS USA	Inv# 51817596	1/3 23.588 ton sulfuric acid	\$5,330.89		
116701	2024-02-07	UNIVAR SOLUTIONS USA	Inv# 51817596	discount	(\$106.62)		
116701	2024-02-07	UNIVAR SOLUTIONS USA	Inv# 51820987	2/1 23.563 ton sulfuric acid	\$5,325.24		
116701	2024-02-07	UNIVAR SOLUTIONS USA	Inv# 51820987	discount	(\$106.50)		
116701	2024-02-07	UNIVAR SOLUTIONS USA	Inv# 51820989	2/1 23.46 ton sulfuric acid	\$5,301.96		
116701	2024-02-07	UNIVAR SOLUTIONS USA	Inv# 51820989	discount	(\$106.04)		
116701	2024-02-07	UNIVAR SOLUTIONS USA	Inv# 51825257	2/2 525 gal s.bisulfite	\$1,079.07		
116701	2024-02-07	UNIVAR SOLUTIONS USA	Inv# 51825257	discount	(\$21.58)		
<b>Total for Check:</b> 116701						<b>\$16,696.42</b>	<b>\$474,168.53</b>
116702	2024-02-07	UNIVERSAL BACKGROUND SCREENING INC	Inv# 202401008258	BPO BACKGROUND CHECK	\$550.42		
<b>Total for Check:</b> 116702						<b>\$550.42</b>	<b>\$6,304.95</b>
116703	2024-02-07	UTILIQUEST LLC	Inv# 330946-Q	12/31-1/6 screen/mark pipes	\$836.43		
116703	2024-02-07	UTILIQUEST LLC	Inv# 330946-Q	12/31-1/6 screen/mark pipes	\$487.92		
116703	2024-02-07	UTILIQUEST LLC	Inv# 330946-Q	12/31-1/6 screen/mark pipes	\$59.80		
116703	2024-02-07	UTILIQUEST LLC	Inv# 330946-Q	12/31-1/6 screen/mark pipes	\$9.90		
<b>Total for Check:</b> 116703						<b>\$1,394.05</b>	<b>\$67,210.10</b>
116704	2024-02-07	VEOLIA WTS SERVICES USA INC	Inv# 902495854	Generated by reorder 1/2/24	\$16,149.38		
116704	2024-02-07	VEOLIA WTS SERVICES USA INC	Inv# 902495854	freight	\$538.10		
<b>Total for Check:</b> 116704						<b>\$16,687.48</b>	<b>\$167,674.82</b>
116705	2024-02-07	VWR INTERNATIONAL LLC	Inv# 8814957673		\$79.47		
116705	2024-02-07	VWR INTERNATIONAL LLC	Inv# 8815000409	Generated by reorder 12/20/23	\$345.80		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 12

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
		<b>Total for Check:</b> 116705				\$425.27	\$75,878.43
116706	2024-02-07	VertiGIS North America Ltd.	Inv# IN-VGNA-00006106	VertiGIS Software Suport & Co	\$10,200.00		
116706	2024-02-07	VertiGIS North America Ltd.	Inv# IN-VGNA-00006106		\$9,350.00		
116706	2024-02-07	VertiGIS North America Ltd.	Inv# IN-VGNA-00006106		\$850.00		
116706	2024-02-07	VertiGIS North America Ltd.	Inv# IN-VGNA-00006106		(\$10,200.00)		
		<b>Total for Check:</b> 116706				\$10,200.00	\$10,200.00
116707	2024-02-07	WASTE MANAGEMENT CORPORATE SERVICES INC	Inv# 1063502-4946-7	02.01.24-02.29.24	\$205.51		
		<b>Total for Check:</b> 116707				\$205.51	\$1,647.16
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932250	1/22 4905 gal s.hypochlorite	\$8,445.92		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932250	discount	(\$168.92)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932251	1/22 4972 gal s.hypochlorite	\$8,561.29		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932251	discount	(\$171.23)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932252	1/22 4869 gal s.hypochlorite	\$8,383.93		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932252	discount	(\$167.68)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932253	1/22 4972 gal s.hypochlorite	\$8,561.29		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932253	discount	(\$171.23)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932348	1/23 4850 gal s.hypochlorite	\$8,351.22		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932348	discount	(\$167.02)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932349	1/23 4976 gal s.hypochlorite	\$8,568.17		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932349	discount	(\$171.36)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932350	1/23 4810 gal s.hypochlorite	\$8,282.34		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932350	discount	(\$165.65)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932351	1/23 4857 gal s.hypochlorite	\$8,363.27		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932351	discount	(\$167.27)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932544	credit for 932134	(\$17.22)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932552	1/25 4934 gal s.hypochlorite	\$8,495.85		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932552	discount	(\$169.92)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932553	1/25 4922 gal s.hypochlorite	\$8,475.19		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932553	discount	(\$169.50)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932554	1/25 4962 gal s.hypochlorite	\$8,544.07		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932554	discount	(\$170.88)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932555	1/25 4883 gal s.hypochlorite	\$8,408.04		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 13

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932555	discount	(\$168.16)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932656	1/26 4901 gal s.hypochlorite	\$8,439.03		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932656	discount	(\$168.78)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932658	1/26 4996 gal s.hypochlorite	\$8,602.61		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932658	discount	(\$172.05)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932659	1/26 4986 gal s.hypochlorite	\$8,585.39		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932659	discount	(\$171.71)		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932675	1/26 4980 gal s.hypochlorite	\$8,575.06		
978312	2024-02-01	JCI JONES CHEMICAL, INC	Inv# 932675	discount	(\$171.50)		
<b>Total for Check:</b> 978312						\$132,912.59	\$531,754.39
978313	2024-02-01	FIDELITY INVESTMENTS	Inv# FEBRUARY 1, 2024 401A #89137	Fidelity 401a Plan	\$6,535.63		
<b>Total for Check:</b> 978313						\$6,535.63	\$1,658,402.58
978314	2024-02-01	FIDELITY INVESTMENTS	Inv# FEBRUARY 1, 2024 457B Plan#89148	Fidelity 457b	\$5,986.55		
<b>Total for Check:</b> 978314						\$5,986.55	\$712,357.47
978315	2024-02-02	U.S. BANK TRUST	Inv# COMM PPR TAX EXEMPT	Attn: Rosalyn Callender	\$32,778.69		
<b>Total for Check:</b> 978315						\$32,778.69	\$14,934,088.47
978316	2024-02-07	U.S. BANK NA	Inv# COP 2203A INT 01/03-02/06 Nguyen-Dao	Attn: Hong-	\$279,315.07		
<b>Total for Check:</b> 978316						\$279,315.07	\$33,788,892.25
978317	2024-02-06	WELLS FARGO BANK	Inv# FEBRUARY 7, 2024 #6527	Feb.7,24 PR#3 #6527	\$43,197.95		
<b>Total for Check:</b> 978317						\$43,197.95	\$15,336,140.76
978318	2024-02-06	WELLS FARGO BANK	Inv# FEBRUARY 7, 2024 #6911	Feb 7,24 PR#3 #6911	\$1,052,223.76		
<b>Total for Check:</b> 978318						\$1,052,223.76	\$15,336,140.76
978319	2024-02-06	WELLS FARGO BANK	Inv# FEBRUARY 7, 24 GARNABF GARNABF	Feb 7,24 PR#03	\$2,159.53		
<b>Total for Check:</b> 978319						\$2,159.53	\$15,336,140.76
978320	2024-02-07	FIDELITY INVESTMENTS	Inv# FEBRUARY 7, 2024 401A 89137 401a	Feb 7, 24 PR#3 Plan	\$215,341.52		
<b>Total for Check:</b> 978320						\$215,341.52	\$1,658,402.58
978321	2024-02-07	FIDELITY INVESTMENTS	Inv# FEBRUARY 7, 2024 457B	Feb 7, 24 PR#3 457b	\$140,592.30		
<b>Total for Check:</b> 978321						\$140,592.30	\$712,357.47
978322	2024-02-07	FIDELITY INVESTMENTS	Inv# FEBRUARY 7, 2024 457B	Feb 7, 24 PR#3 457b	\$140,592.30		

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 14

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
978322	2024-02-07	FIDELITY INVESTMENTS	Inv# FEBRUARY7, 2024 457B	Feb 7, 24 PR#3 457b	(\$140,592.30)		
		<b>Total for Check:</b>	978322			\$0.00	\$712,357.47
978323	2024-02-01	Wedge, Marc	Inv# FINAL PR CK#2345	Final PR CK#2345	\$4,616.83		
		<b>Total for Check:</b>	978323			\$4,616.83	\$39,742.53
978324	2024-02-01	Wedge, Marc	Inv# FINAL PR CK#2346	Final PR CK#2346	\$35,125.70		
		<b>Total for Check:</b>	978324			\$35,125.70	\$39,742.53
978325	2024-02-02	Ishida, Kenneth P.	Inv# FINAL CK#2347	Final PR CK#2347	\$5,722.51		
		<b>Total for Check:</b>	978325			\$5,722.51	\$79,577.25
978326	2024-02-02	Ishida, Kenneth P.	Inv# FINAL CK#2348	Final PR CK#2348	\$73,854.74		
		<b>Total for Check:</b>	978326			\$73,854.74	\$79,577.25
979318	2024-02-06	WELLS FARGO BANK	Inv# FEBRUARY 7, 2024 #6911	Feb 7,24 PR#3 #6911	\$1,052,223.76		
979318	2024-02-06	WELLS FARGO BANK	Inv# FEBRUARY 7, 2024 #6911	Feb 7,24 PR#3 #6911	(\$1,052,223.76)		
		<b>Total for Check:</b>	979318			\$0.00	\$15,336,140.76
<i>Run Date:</i> 2/7/2024					<b>\$3,530,713.27</b>	<b>\$3,530,713.27</b>	

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 1

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116334	2024-01-17	ACE CRANE SERVICE, INC.	Inv# 31764		(\$24.22)		
116334	2024-01-17	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	(\$214.31)		
116334	2024-01-17	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	(\$304.50)		
116334	2024-01-17	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	(\$574.20)		
116334	2024-01-17	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	(\$806.53)		
116334	2024-01-17	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	(\$2,017.67)		
116334	2024-01-17	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	(\$2,017.67)		
<b>Total for Check:</b> 116334						(\$5,959.10)	\$22,656.81
116394	2024-01-17	LHOIST NORTH AMERICA	Inv# 1102330965	12/19 (2)lime 25.85,25.29 tons	(\$20,865.12)		
116394	2024-01-17	LHOIST NORTH AMERICA	Inv# 1102331127	12/21 25.65 tons lime	(\$10,465.20)		
116394	2024-01-17	LHOIST NORTH AMERICA	Inv# 1102331176	12/21 25.52 ton lime	(\$10,412.16)		
<b>Total for Check:</b> 116394						(\$41,742.48)	\$1,085,953.20
116665	2024-02-07	LHOIST NORTH AMERICA	Inv# 1102400271	1/2-9 (6)lime tot.155.93 tons	(\$63,619.43)		
<b>Total for Check:</b> 116665						(\$63,619.43)	\$1,085,953.20
116708	2024-02-14	ABSOLUTE STANDARDS, INC.	Inv# 228130	SUPPLIES	\$148.75		
116708	2024-02-14	ABSOLUTE STANDARDS, INC.	Inv# 228130	SUPPLIES	\$148.75		
116708	2024-02-14	ABSOLUTE STANDARDS, INC.	Inv# 228130	Shipping	\$15.00		
116708	2024-02-14	ABSOLUTE STANDARDS, INC.	Inv# 231800	SUPPLIES	\$382.50		
<b>Total for Check:</b> 116708						\$695.00	\$10,144.00
116709	2024-02-14	ACCUSTANDARD, INC.	Inv# 996993	SUPPLIES	\$119.63		
116709	2024-02-14	ACCUSTANDARD, INC.	Inv# 996993	Shipping	\$17.73		
116709	2024-02-14	ACCUSTANDARD, INC.	Inv# 996993	Handling	\$10.88		
<b>Total for Check:</b> 116709						\$148.24	\$9,721.59
116710	2024-02-14	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	\$2,017.67		
116710	2024-02-14	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	\$2,017.67		
116710	2024-02-14	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	\$806.53		
116710	2024-02-14	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	\$574.20		
116710	2024-02-14	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	\$304.50		
116710	2024-02-14	ACE CRANE SERVICE, INC.	Inv# 31764	JDN Monocrane Parts (memsap)	\$214.31		
116710	2024-02-14	ACE CRANE SERVICE, INC.	Inv# 31764		\$24.22		
<b>Total for Check:</b> 116710						\$5,959.10	\$22,656.81
116711	2024-02-14	ACE LAWN MOWER & SAW	Inv# 275797	BPO EQUIPMENT REPAIR	\$23.90		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 2

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
		<b>Total for Check:</b> 116711				\$23.90	\$38.03
116712	2024-02-14	ACWA	Inv# ACWA SPONSORSHIP	SPONSORSHIP	\$10,800.00		
		<b>Total for Check:</b> 116712				\$10,800.00	\$33,337.00
116713	2024-02-14	ACWA/JPIA	Inv# 701826 MARCH2024 2024	Health Insurance March	\$479,977.66		
		<b>Total for Check:</b> 116713				\$479,977.66	\$3,612,974.67
116714	2024-02-14	AECOM TECHNICAL SERVICES, INC.	Inv# 2000845317	11/25-12/22 PFAS IRWD OPA wo#1	\$2,890.00		
		<b>Total for Check:</b> 116714				\$2,890.00	\$113,639.72
116715	2024-02-14	AGILENT TECHNOLOGIES, INC.	Inv# 127102822	SUPPLIES	\$184.44		
116715	2024-02-14	AGILENT TECHNOLOGIES, INC.	Inv# 127102822	Shipping	\$8.70		
		<b>Total for Check:</b> 116715				\$193.14	\$298,020.02
116716	2024-02-14	AKESO OCCUPATIONAL HEALTH	Inv# EM001929	DOT PHYSICALS BPO	\$1,005.00		
		<b>Total for Check:</b> 116716				\$1,005.00	\$6,269.92
116717	2024-02-14	ALLIANT INSURANCE SERVICES INC	Inv# 2544218	INSURANCE BROKER BPO	\$6,249.99		
		<b>Total for Check:</b> 116717				\$6,249.99	\$19,147.01
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 16MP-KPGF-DVPH	OFFICE EQUIPMENT	\$347.99		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 16MP-KPGF-DVPH	OFFICE EQUIPMENT	\$108.73		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 16MP-KPGF-DVPH		\$5.00		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 196C-G4MR-L6WJ	Computer Accesories	\$54.36		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 196C-G4MR-L6WJ	Computer Accesories	\$46.48		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 196C-G4MR-L6WJ	Computer Accesories	\$29.36		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 196C-G4MR-L6WJ	Computer Accesories	\$14.14		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 196C-G4MR-L6WJ	Computer Accesories	\$13.00		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 196C-G4MR-L6WJ	Computer Accesories	\$10.33		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 1CW1-YCCM-FMDV 3	Generated by reorder 1/11/24	\$255.02		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 1CW1-YCCM-FMDV 3	Generated by reorder 1/11/24	\$201.68		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 1M4K-33L7-KTN9	Watermaster Paper Supplies	\$34.78		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 1M4K-33L7-KTN9	Watermaster Paper Supplies	\$16.63		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 1TMV-1TTV-JNHL		\$44.34		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 1TMV-1TTV-JNHL		\$25.55		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 3

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 1WTH-H3DX-H3CF	SUPPLIES/GEAR/EQUIP	\$28.26		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 1WTH-H3DX-H3CF	SUPPLIES/GEAR/EQUIP	\$9.54		
116719	2024-02-14	AMAZON CAPITAL SERVICES, INC	Inv# 1WTH-H3DX-H3CF	SUPPLIES/GEAR/EQUIP	\$7.82		
<b>Total for Check:</b>		116719				<b>\$1,253.01</b>	<b>\$29,931.25</b>
116720	2024-02-14	AT & T	Inv# 000021133869	12/17/23 - 01/16/24	\$1,073.46		
<b>Total for Check:</b>		116720				<b>\$1,073.46</b>	<b>\$1,073.46</b>
116721	2024-02-14	B & M LAWN & GARDEN CENTER	Inv# 625745	BPO LANDSCAPING SUPPLIES	\$135.10		
<b>Total for Check:</b>		116721				<b>\$135.10</b>	<b>\$2,656.66</b>
116722	2024-02-14	BANK OF AMERICA, N.A.	Inv# 681759180086PAY	FEB24	\$295.00		
<b>Total for Check:</b>		116722				<b>\$295.00</b>	<b>\$344,949.89</b>
116723	2024-02-14	BC WIRE ROPE & RIGGING	Inv# 0377846-IN	SLR Winch Repair and Recertify	\$1,522.50		
<b>Total for Check:</b>		116723				<b>\$1,522.50</b>	<b>\$13,021.51</b>
116724	2024-02-14	BEES LIGHTING	Inv# INV1001864	Generated by reorder 12/20/23	\$3,119.08		
116724	2024-02-14	BEES LIGHTING	Inv# INV1001864	Generated by reorder 12/20/23	\$3,119.03		
<b>Total for Check:</b>		116724				<b>\$6,238.11</b>	<b>\$11,498.75</b>
116725	2024-02-14	BUTIER ENGINEERING, INC.	Inv# OCWD 1558 001	Dec23 PFAS TUS-2022-1	\$5,850.00		
<b>Total for Check:</b>		116725				<b>\$5,850.00</b>	<b>\$5,850.00</b>
116726	2024-02-14	Bouyounes, Pauline	Inv# JUL-DEC23 TRAVELS	Jul-Dec23 travels	\$128.42		
<b>Total for Check:</b>		116726				<b>\$128.42</b>	<b>\$603.84</b>
116727	2024-02-14	CALTROL INC.	Inv# CD99193712	Square Nut Actuators	\$163.13		
116727	2024-02-14	CALTROL INC.	Inv# CD99193712	Shipping	\$13.06		
<b>Total for Check:</b>		116727				<b>\$176.19</b>	<b>\$169,300.79</b>
116728	2024-02-14	CART MART, INC	Inv# 295906	BPO	\$102.60		
116728	2024-02-14	CART MART, INC	Inv# 295906		\$32.31		
<b>Total for Check:</b>		116728				<b>\$134.91</b>	<b>\$499.59</b>
116729	2024-02-14	CDN ISOTOPES INC.	Inv# 134351	SUPPLIES	\$640.00		
116729	2024-02-14	CDN ISOTOPES INC.	Inv# 134351	SUPPLIES	\$325.00		
116729	2024-02-14	CDN ISOTOPES INC.	Inv# 134351	Freight	\$90.00		
<b>Total for Check:</b>		116729				<b>\$1,055.00</b>	<b>\$3,230.00</b>
116730	2024-02-14	CITY OF ORANGE	Inv# 00095690-00_20240205	11.28.23-02.01.24	\$163.13		
<b>Total for Check:</b>		116730				<b>\$163.13</b>	<b>\$200,873.13</b>
116731	2024-02-14	COMMERCIAL DOOR OF ORANGE CO.	Inv# 27679	Motor Replacement at the Polym	\$5,878.75		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 4

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
		<b>Total for Check:</b> 116731				\$5,878.75	\$13,626.80
116732	2024-02-14	DXP ENTERPRISES, INC.	Inv# 54174158	RO F01 Pump Shaft and Pump Reb	\$58,588.84		
116732	2024-02-14	DXP ENTERPRISES, INC.	Inv# 54174158	RO F01 Pump Shaft and Pump Reb	\$44,257.00		
116732	2024-02-14	DXP ENTERPRISES, INC.	Inv# 54174158	Freight	\$470.71		
		<b>Total for Check:</b> 116732				\$103,316.55	\$160,599.98
116733	2024-02-14	COUNTY OF ORANGE	Inv# Z2445179		\$1,098.93		
		<b>Total for Check:</b> 116733				\$1,098.93	\$44,496.35
116734	2024-02-14	CPI INTERNATIONAL	Inv# 20063598		\$713.40		
116734	2024-02-14	CPI INTERNATIONAL	Inv# 20063598		\$632.93		
116734	2024-02-14	CPI INTERNATIONAL	Inv# 20063598		\$613.35		
116734	2024-02-14	CPI INTERNATIONAL	Inv# 20063598		\$438.25		
116734	2024-02-14	CPI INTERNATIONAL	Inv# 20063598		\$228.38		
116734	2024-02-14	CPI INTERNATIONAL	Inv# 20063598		\$184.88		
116734	2024-02-14	CPI INTERNATIONAL	Inv# 20063695	SUPPLIES	\$72.86		
116734	2024-02-14	CPI INTERNATIONAL	Inv# 20063695	Shipping	\$20.83		
116734	2024-02-14	CPI INTERNATIONAL	Inv# 20063695		(\$1.34)		
		<b>Total for Check:</b> 116734				\$2,903.54	\$7,434.03
116735	2024-02-14	CWEA	Inv# J. PANNELLA CERT RENEWAL		\$103.00		
		<b>Total for Check:</b> 116735				\$103.00	\$4,553.00
116736	2024-02-14	DAVID WILSON'S VILLA FORD	Inv# REC83253	FORD F-250	\$52,576.61		
		<b>Total for Check:</b> 116736				\$52,576.61	\$153,954.34
116737	2024-02-14	DAVIDSON, ELY	Inv# JUL23-JAN24 STIPENDS	7/12/23-1/11/24 phone stipends	\$240.00		
		<b>Total for Check:</b> 116737				\$240.00	\$240.00
116738	2024-02-14	DIAMOND ENVIRONMENTAL SERVICES	Inv# 0005205532	BPO PORTA POTTY	\$259.66		
116738	2024-02-14	DIAMOND ENVIRONMENTAL SERVICES	Inv# 0005205532	BPO PORTA POTTY	\$95.48		
		<b>Total for Check:</b> 116738				\$355.14	\$3,272.14
116739	2024-02-14	DOPUDJA & WELLS CONSULTING INC	Inv# 1384	Thru 11/30 advisory consulting	\$590.00		
		<b>Total for Check:</b> 116739				\$590.00	\$5,100.00
116740	2024-02-14	Drain, Matthew	Inv# JUL-DEC23 STIPENDS	7/27-12/26/23 stipends (6)	\$240.00		
		<b>Total for Check:</b> 116740				\$240.00	\$480.00

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 5

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116741	2024-02-14	EDELSTEIN GILBERT ROBSON AND SMITH	Inv# 1485	Oct23 legis.support/SACTO	\$8,000.00		
116741	2024-02-14	EDELSTEIN GILBERT ROBSON AND SMITH	Inv# 1520	Nov23 legis.support/SACTO	\$8,000.00		
116741	2024-02-14	EDELSTEIN GILBERT ROBSON AND SMITH	Inv# 1575	Dec23 legis.support/SACTO	\$8,000.00		
<b>Total for Check:</b> 116741						\$24,000.00	\$56,000.00
116742	2024-02-14	ENVIRONMENTAL EXPRESS	Inv# 1000770037	SUPPLIES	\$371.93		
116742	2024-02-14	ENVIRONMENTAL EXPRESS	Inv# 1000770037		\$33.88		
<b>Total for Check:</b> 116742						\$405.81	\$3,952.84
116743	2024-02-14	ENVIRONMENTAL SCIENCE ASSOCIATES	Inv# 192556	Dec23 wo#11 Sunset GAP archaeo	\$868.35		
<b>Total for Check:</b> 116743						\$868.35	\$37,678.61
116744	2024-02-14	ENVIRONMENTAL TRAINING AND	Inv# 41120	HAZMAT Training	\$310.00		
<b>Total for Check:</b> 116744						\$310.00	\$1,868.60
116745	2024-02-14	EST ANALYTICAL	Inv# I090257	SUPPLIES	\$1,664.65		
116745	2024-02-14	EST ANALYTICAL	Inv# I090257	Freight	\$19.44		
<b>Total for Check:</b> 116745						\$1,684.09	\$22,847.19
116746	2024-02-14	EUROFINS ENVIRONMENT TESTING SW LLC	Inv# 5700164210	SAMPLE ANALYSIS	\$202.50		
<b>Total for Check:</b> 116746						\$202.50	\$3,975.00
116747	2024-02-14	FACTORY MOTOR PARTS	Inv# 164-311641	BPO AUTO PARTS	\$129.90		
116747	2024-02-14	FACTORY MOTOR PARTS	Inv# 164-311641	Battery Fee	\$2.00		
<b>Total for Check:</b> 116747						\$131.90	\$10,553.49
116748	2024-02-14	FEDERAL EXPRESS CORPORATION	Inv# 8-403-73660	Package Delivery	\$561.79		
116748	2024-02-14	FEDERAL EXPRESS CORPORATION	Inv# 8-403-73661	Package Delivery	\$171.19		
<b>Total for Check:</b> 116748						\$732.98	\$12,162.63
116749	2024-02-14	FIRELINE BROADBAND	Inv# 95762	INTERNET SERVICE FOR PRADO	\$825.00		
<b>Total for Check:</b> 116749						\$825.00	\$6,600.00
116750	2024-02-14	FISHER SCIENTIFIC CO.	Inv# 8822459	SUPPLIES	\$266.60		
116750	2024-02-14	FISHER SCIENTIFIC CO.	Inv# 8854363	SUPPLIES	\$50.98		
116750	2024-02-14	FISHER SCIENTIFIC CO.	Inv# 8854363	Shipping	\$16.50		
116750	2024-02-14	FISHER SCIENTIFIC CO.	Inv# 8854363	Shipping	\$7.45		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 6

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116750	2024-02-14	FISHER SCIENTIFIC CO.	Inv# 8885473		\$57.29		
		<b>Total for Check:</b>	116750			\$398.82	\$145,011.77
116751	2024-02-14	FRONTIER COMMUNICATIONS	Inv# 7149641492_20240221	01/28/24-02/27/24	\$60.99		
		<b>Total for Check:</b>	116751			\$60.99	\$32,593.56
116752	2024-02-14	FRUIT GROWERS LABORATORY INC	Inv# 319717A	BPO RADIOACTIVITY ANAYLSES	\$392.00		
		<b>Total for Check:</b>	116752			\$392.00	\$31,409.00
116753	2024-02-14	GEIGER	Inv# 7503.75	PEN, BOWIE SOFTY W/STYLUS	\$7,503.75		
		<b>Total for Check:</b>	116753			\$7,503.75	\$32,862.32
116754	2024-02-14	GOVERNMENTJOBS.COM, INC.	Inv# INV-39645	NeoGov	\$7,948.92		
		<b>Total for Check:</b>	116754			\$7,948.92	\$7,948.92
116756	2024-02-14	GRAINGER INC.	Inv# 9948954194		\$1,214.89		
116756	2024-02-14	GRAINGER INC.	Inv# 9948954202	Generated by reorder 12/27/23	\$70.43		
116756	2024-02-14	GRAINGER INC.	Inv# 9948954202	Generated by reorder 12/27/23	\$35.73		
116756	2024-02-14	GRAINGER INC.	Inv# 9948954202	Generated by reorder 12/27/23	\$24.34		
116756	2024-02-14	GRAINGER INC.	Inv# 9948954210	Generated by reorder 12/27/23	\$82.43		
116756	2024-02-14	GRAINGER INC.	Inv# 9950500521		\$447.92		
116756	2024-02-14	GRAINGER INC.	Inv# 9951699041		\$141.78		
116756	2024-02-14	GRAINGER INC.	Inv# 9951699058		\$374.99		
116756	2024-02-14	GRAINGER INC.	Inv# 9951699066	Credit Inv# 9948954202	(\$35.73)		
116756	2024-02-14	GRAINGER INC.	Inv# 9952158963	Anti-Seize Compound, Permatex	\$35.73		
116756	2024-02-14	GRAINGER INC.	Inv# 9953453025	Generated by reorder 1/3/24 10	\$98.01		
116756	2024-02-14	GRAINGER INC.	Inv# 9953758597	BPO INDUSTRIAL SUPPLIES	\$50.93		
116756	2024-02-14	GRAINGER INC.	Inv# 9953760965	Generated by reorder 1/3/24 10	\$244.46		
116756	2024-02-14	GRAINGER INC.	Inv# 9953760965	Generated by reorder 1/3/24 10	\$65.85		
116756	2024-02-14	GRAINGER INC.	Inv# 9953760965	Generated by reorder 1/3/24 10	\$42.77		
		<b>Total for Check:</b>	116756			\$2,894.53	\$131,342.04
116757	2024-02-14	GRAYBAR ELECTRIC COMPANY, INC.	Inv# 9335816331	Replacement for 9335774659	\$84.69		
116757	2024-02-14	GRAYBAR ELECTRIC COMPANY, INC.	Inv# 9335856706	Credit for INV 9335774659	(\$77.88)		
		<b>Total for Check:</b>	116757			\$6.81	\$15,339.07
116758	2024-02-14	GREEN THUMB, LLC	Inv# 20240169	BPO PLANT SERVICE	\$291.56		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 7

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116758	2024-02-14	GREEN THUMB, LLC	Inv# 20240169	BPO PLANT SERVICE	\$102.44		
<b>Total for Check:</b> 116758						\$394.00	\$3,405.91
116759	2024-02-14	GROUNDWATER RESOURCES ASSOC.	Inv# 25840	Membership Renewal 2024	\$1,500.00		
<b>Total for Check:</b> 116759						\$1,500.00	\$1,525.00
116760	2024-02-14	HACH COMPANY	Inv# 13888648	Generated by reorder 1/16/24 1	\$689.69		
116760	2024-02-14	HACH COMPANY	Inv# 13888648	Generated by reorder 1/16/24 1	\$659.03		
116760	2024-02-14	HACH COMPANY	Inv# 13888648	Freight	\$30.45		
116760	2024-02-14	HACH COMPANY	Inv# 13889085	Generated by reorder 1/16/24 1	\$659.03		
<b>Total for Check:</b> 116760						\$2,038.20	\$85,626.77
116761	2024-02-14	HB DIGITAL ARTS & BLUEPRINT	Inv# INV-121076	Plan Prints	\$407.26		
<b>Total for Check:</b> 116761						\$407.26	\$1,109.97
116762	2024-02-14	HOME DEPOT CREDIT SERVICES	Inv# 2902832	BPO INDUSTRIAL SUPPLIES	\$100.00		
116762	2024-02-14	HOME DEPOT CREDIT SERVICES	Inv# 303678 CONTRACT	Credit Bal for Contract	(\$24.50)		
116762	2024-02-14	HOME DEPOT CREDIT SERVICES	Inv# 6523632	BPO INDUSTRIAL SUPPLIES	\$67.21		
116762	2024-02-14	HOME DEPOT CREDIT SERVICES	Inv# 6615619	BPO INDUSTRIAL SUPPLIES	\$34.42		
116762	2024-02-14	HOME DEPOT CREDIT SERVICES	Inv# 7075140	BPO INDUSTRIAL SUPPLIES	\$224.89		
116762	2024-02-14	HOME DEPOT CREDIT SERVICES	Inv# 8522422	BPO INDUSTRIAL SUPPLIES	\$33.26		
116762	2024-02-14	HOME DEPOT CREDIT SERVICES	Inv# 8634689	BPO INDUSTRIAL SUPPLIES	\$33.82		
<b>Total for Check:</b> 116762						\$469.10	\$22,513.46
116763	2024-02-14	INDUSTRIAL METAL SUPPLY CO.	Inv# 2345023	4x8 metal sheets for Research	\$289.09		
116763	2024-02-14	INDUSTRIAL METAL SUPPLY CO.	Inv# 2345023	4x8 metal sheets for Research	\$123.98		
116763	2024-02-14	INDUSTRIAL METAL SUPPLY CO.	Inv# 2345023	Discount	(\$3.80)		
<b>Total for Check:</b> 116763						\$409.27	\$3,882.68
116764	2024-02-14	INNOVAPREP LLC	Inv# 18436		\$690.00		
116764	2024-02-14	INNOVAPREP LLC	Inv# 18436	UPS	\$35.00		
<b>Total for Check:</b> 116764						\$725.00	\$5,455.97
116765	2024-02-14	IRVINE PIPE & SUPPLY CO	Inv# S117279198.001	Generated by reorder 1/23/24 7	\$247.29		
116765	2024-02-14	IRVINE PIPE & SUPPLY CO	Inv# S117279198.001	Discount	(\$4.55)		
<b>Total for Check:</b> 116765						\$242.74	\$69,584.88
116766	2024-02-14	LHOIST NORTH AMERICA	Inv# 1102330965	12/19 (2)lime 25.85,25.29 tons	\$20,865.12		
116766	2024-02-14	LHOIST NORTH AMERICA	Inv# 1102331127	12/21 25.65 tons lime	\$10,465.20		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 8

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116766	2024-02-14	LHOIST NORTH AMERICA	Inv# 1102331176	12/21 25.52 ton lime	\$10,412.16		
116766	2024-02-14	LHOIST NORTH AMERICA	Inv# 1102400271	1/2-9 (6)lime tot.155.93 tons	\$63,619.43		
116766	2024-02-14	LHOIST NORTH AMERICA	Inv# 1102400817	1/16 26.35 ton lime	\$10,750.80		
116766	2024-02-14	LHOIST NORTH AMERICA	Inv# 1102400999	1/16 25.25 ton lime	\$10,302.01		
116766	2024-02-14	LHOIST NORTH AMERICA	Inv# 1102401046	1/18 (2)lime 25.97 & 26.57 ton	\$21,436.32		
<b>Total for Check:</b> 116766						<b>\$147,851.04</b>	<b>\$1,085,953.20</b>
116767	2024-02-14	LILLESTRAND LEADERSHIP CONSULTING	Inv# 7938	1/10 & 1/15 leadership consult	\$1,312.50		
<b>Total for Check:</b> 116767						<b>\$1,312.50</b>	<b>\$22,803.74</b>
116768	2024-02-14	LONG BEACH WATER DEPARTMENT	Inv# 35083	Dec23 Alamitos 80.40 acft	\$108,379.20		
116768	2024-02-14	LONG BEACH WATER DEPARTMENT	Inv# 35086	Jul-Dec23 capacity charge	\$4,297.78		
<b>Total for Check:</b> 116768						<b>\$112,676.98</b>	<b>\$595,307.32</b>
116769	2024-02-14	MAIL DELIVERY SERVICE CO.	Inv# 21965	BPO MAIL DELIVERY	\$345.30		
116769	2024-02-14	MAIL DELIVERY SERVICE CO.	Inv# 21965	BPO MAIL DELIVERY	\$22.20		
116769	2024-02-14	MAIL DELIVERY SERVICE CO.	Inv# 21965	Fuel surcharge	\$20.67		
116769	2024-02-14	MAIL DELIVERY SERVICE CO.	Inv# 21965	Fuel surcharge	\$1.33		
<b>Total for Check:</b> 116769						<b>\$389.50</b>	<b>\$3,119.98</b>
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$195.75		
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$130.50		
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$108.75		
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$81.56		
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$76.12		
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$43.50		
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$21.75		
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$21.75		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 9

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$21.75		
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$10.88		
116771	2024-02-14	MANHATTAN STITCHING COMPANY INC	Inv# 99151	SHIRTS- WPG, LAB, EHC	\$10.88		
<b>Total for Check:</b> 116771					\$723.19	\$1,430.07	
116772	2024-02-14	MCMASTER-CARR SUPPLY COMPANY	Inv# 21511424	Chem. Resist. Expansion- JSmit	\$937.50		
116772	2024-02-14	MCMASTER-CARR SUPPLY COMPANY	Inv# 21511424	Chem. Resist. Expansion- JSmit	\$57.81		
116772	2024-02-14	MCMASTER-CARR SUPPLY COMPANY	Inv# 21511424	Shipping	\$21.02		
116772	2024-02-14	MCMASTER-CARR SUPPLY COMPANY	Inv# 21511424	Discount	(\$19.91)		
<b>Total for Check:</b> 116772					\$996.42	\$19,022.98	
116773	2024-02-14	MUNICIPAL WATER DISTRICT OF OC	Inv# 11360	Dec23 water purchase	\$156,733.96		
<b>Total for Check:</b> 116773					\$156,733.96	\$2,039,344.26	
116774	2024-02-14	Miller, Liam	Inv# AUG23-JAN24 STIPENDS	8/21/23-1/20/24 stipends (5)	\$200.00		
<b>Total for Check:</b> 116774					\$200.00	\$480.00	
116775	2024-02-14	NEW LINE FIRE	Inv# 01192024-01	Fire Alarm Testing Fountain Va	\$3,400.00		
116775	2024-02-14	NEW LINE FIRE	Inv# 01202024-01	Annual Fire Alarm Inspection &	\$255.00		
<b>Total for Check:</b> 116775					\$3,655.00	\$5,030.38	
116776	2024-02-14	NEWPORT URGENT CARE INC	Inv# 154075	A.Garcia DOT Exam	\$88.00		
116776	2024-02-14	NEWPORT URGENT CARE INC	Inv# 155189	J.Langarica DMV Exam	\$88.00		
116776	2024-02-14	NEWPORT URGENT CARE INC	Inv# 155190	O.Reynoso DMV Exam	\$88.00		
<b>Total for Check:</b> 116776					\$264.00	\$352.00	
116777	2024-02-14	ODP BUSINESS SOLUTIONS LLC	Inv# 351419254001		\$58.55		
116777	2024-02-14	ODP BUSINESS SOLUTIONS LLC	Inv# 351419254001		\$58.55		
116777	2024-02-14	ODP BUSINESS SOLUTIONS LLC	Inv# 351419254001		\$58.55		
116777	2024-02-14	ODP BUSINESS SOLUTIONS LLC	Inv# 351419254001		\$49.18		
116777	2024-02-14	ODP BUSINESS SOLUTIONS LLC	Inv# 351419254001		\$11.66		
<b>Total for Check:</b> 116777					\$236.49	\$3,480.01	

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 10

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116778	2024-02-14	ONESOURCE DISTRIBUTORS INC.	Inv# S7309219.001	Burris pump station VFD PM	\$47,777.00		
116778	2024-02-14	ONESOURCE DISTRIBUTORS INC.	Inv# S7309219.001		(\$477.77)		
116778	2024-02-14	ONESOURCE DISTRIBUTORS INC.	Inv# S7393119.001	Generated by reorder 1/25/24 6	\$507.41		
116778	2024-02-14	ONESOURCE DISTRIBUTORS INC.	Inv# S7393119.001	Generated by reorder 1/25/24 6	\$62.66		
116778	2024-02-14	ONESOURCE DISTRIBUTORS INC.	Inv# S7393119.001	Discount	(\$5.24)		
<b>Total for Check:</b> 116778						<b>\$47,864.06</b>	<b>\$146,906.73</b>
116779	2024-02-14	ORR PROTECTION SYSTEMS	Inv# IN-0032040	FM-200 System Maintenance	\$520.00		
116779	2024-02-14	ORR PROTECTION SYSTEMS	Inv# IN-0032040	FM-200 System Maintenance	\$415.00		
116779	2024-02-14	ORR PROTECTION SYSTEMS	Inv# IN-0032040	FM-200 System Maintenance	\$415.00		
<b>Total for Check:</b> 116779						<b>\$1,350.00</b>	<b>\$4,900.00</b>
116780	2024-02-14	PHENOVA INC	Inv# 194398	SUPPLIES	\$304.50		
116780	2024-02-14	PHENOVA INC	Inv# 194398	Fr&Handling	\$39.10		
116780	2024-02-14	PHENOVA INC	Inv# 194398	SUPPLIES	\$32.62		
116780	2024-02-14	PHENOVA INC	Inv# 194398	SUPPLIES	\$10.88		
116780	2024-02-14	PHENOVA INC	Inv# 200962	SUPPLIES	\$380.63		
116780	2024-02-14	PHENOVA INC	Inv# 200962	Fr&Handling	\$39.10		
<b>Total for Check:</b> 116780						<b>\$806.83</b>	<b>\$8,431.49</b>
116781	2024-02-14	PROTEC ARISAWA AMERICA	Inv# 61825	Generated by reorder 1/2/24	\$6,467.60		
116781	2024-02-14	PROTEC ARISAWA AMERICA	Inv# 61825	S&H	\$77.30		
<b>Total for Check:</b> 116781						<b>\$6,544.90</b>	<b>\$107,471.78</b>
116782	2024-02-14	PRUDENTIAL GROUP INSURANCE	Inv# C#00694,B#252925 FEB2024 Feb2024	Life Insurance	\$35,788.62		
<b>Total for Check:</b> 116782						<b>\$35,788.62</b>	<b>\$282,872.79</b>
116783	2024-02-14	Price, Rebecca	Inv# PRICE JUL23-JAN24 STIPEND phone stipends	7/9/23-1/8/24	\$233.39		
<b>Total for Check:</b> 116783						<b>\$233.39</b>	<b>\$473.39</b>
116784	2024-02-14	RAYMOND HANDLING SOLUTIONS	Inv# W11663392	BPO FORKLIFT SERVICE	\$79.00		
116784	2024-02-14	RAYMOND HANDLING SOLUTIONS	Inv# W11663393	BPO FORKLIFT SERVICE	\$117.00		
<b>Total for Check:</b> 116784						<b>\$196.00</b>	<b>\$1,723.00</b>
116785	2024-02-14	RED WING SHOE CO. INC.	Inv# 789-1-57613	BPO WORK BOOTS	\$181.05		
<b>Total for Check:</b> 116785						<b>\$181.05</b>	<b>\$9,068.75</b>
116786	2024-02-14	RESTEK CORPORATION	Inv# CD50419143	Discount	(\$41.29)		
116786	2024-02-14	RESTEK CORPORATION	Inv# CD50419143	SUPPLIES	\$2,245.26		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 11

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
		<b>Total for Check:</b> 116786				\$2,203.97	\$9,050.63
116787	2024-02-14	SAN DIEGO FLUID SYSTEM TECHNOLOGIES	Inv# 99442	Stainless Steel Swagelok Male	\$483.04		
116787	2024-02-14	SAN DIEGO FLUID SYSTEM TECHNOLOGIES	Inv# 99442		\$18.67		
		<b>Total for Check:</b> 116787				\$501.71	\$6,035.46
116788	2024-02-14	SC FUELS	Inv# 2577812-IN	BPO BULK RED DIESEL	\$4,140.62		
116788	2024-02-14	SC FUELS	Inv# 2577812-IN		\$399.11		
116788	2024-02-14	SC FUELS	Inv# 2577812-IN	Discount	(\$41.41)		
		<b>Total for Check:</b> 116788				\$4,498.32	\$64,347.56
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$1,663.98		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$926.93		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$581.67		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$454.06		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$292.78		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$234.91		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$205.01		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$183.05		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$126.65		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$57.96		
116790	2024-02-14	SC FUELS	Inv# 0823827	BPO UNLEADED FUEL FOR VEHICLES	\$44.54		
		<b>Total for Check:</b> 116790				\$4,771.54	\$70,813.33
116791	2024-02-14	SOUTHERN CALIFORNIA EDISON CO.	Inv# 700145466803FEB24		\$724,784.62		
116791	2024-02-14	SOUTHERN CALIFORNIA EDISON CO.	Inv# 700306425771FEB24		\$81,806.79		
		<b>Total for Check:</b> 116791				\$806,591.41	\$7,068,439.26
116792	2024-02-14	SOUTHERN TIRE MART LLC	Inv# 7090024790	BPO TIRES	\$20.00		
		<b>Total for Check:</b> 116792				\$20.00	\$1,369.69
116793	2024-02-14	SPARKLETT'S DS WATER OF AMERICA LP	Inv# 4076005 011524	BPO WATER DELIVERY	\$245.39		
116793	2024-02-14	SPARKLETT'S DS WATER OF AMERICA LP	Inv# 4076005 011524	BPO WATER DELIVERY	\$107.73		
116793	2024-02-14	SPARKLETT'S DS WATER OF AMERICA LP	Inv# 4076005 011524	BPO WATER DELIVERY	\$15.96		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 12

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116793	2024-02-14	SPARKLETT'S DS WATER OF AMERICA LP	Inv# 6144555 011924	BPO WATER DELIVERY	\$37.97		
116793	2024-02-14	SPARKLETT'S DS WATER OF AMERICA LP	Inv# 6144555 011924	BPO WATER DELIVERY	\$9.00		
<b>Total for Check:</b> 116793						\$416.05	\$5,693.47
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3556835097	PLANNERS FOR PAULA AND DARLA	\$18.70		
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3556835097	PLANNERS FOR PAULA AND DARLA	\$18.69		
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3556835097	Order Size Premium	\$4.35		
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3556835097	Order Size Premium	\$4.34		
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3556857619	DRY ERASE BOARD FOR SCADA ROOM	\$61.40		
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3557224215	SUPPLIES	\$52.18		
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3557224215	SUPPLIES	\$48.03		
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3557224216	Generated by reorder 1/12/24 7	\$107.86		
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3557287645		\$188.70		
116794	2024-02-14	STAPLES ADVANTAGE	Inv# 3557605754	Toner for network plotter	\$122.16		
<b>Total for Check:</b> 116794						\$626.41	\$18,265.95
116795	2024-02-14	SUNSTATE EQUIPMENT CO.	Inv# 12215953-001	R22020 Warehouse LED fixtures	\$504.68		
116795	2024-02-14	SUNSTATE EQUIPMENT CO.	Inv# 12215953-001	Protection Plan	\$67.50		
<b>Total for Check:</b> 116795						\$572.18	\$572.18
116796	2024-02-14	SUPERIOR SWEEPING LTD.	Inv# 377-0124	BPO STREET SWEEPING	\$495.00		
<b>Total for Check:</b> 116796						\$495.00	\$3,960.00
116797	2024-02-14	SWRCB ACCOUNTING OFFICE	Inv# SW-0279844	10.01.23-09.30.24	\$704.00		
<b>Total for Check:</b> 116797						\$704.00	\$1,304.00
116798	2024-02-14	THE REGENTS OF THE UNIVERSITY OF CA	Inv# 8782CA0058	1286	\$14,513.72		
<b>Total for Check:</b> 116798						\$14,513.72	\$44,655.80
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2190107739	1557	\$42.70		
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2190113764	1557	\$288.21		
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2190113764	1557	\$0.62		
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2190114728	1557	\$3.49		
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2190114729	1557	\$129.16		
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2190114730	1557	\$235.58		
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2190114731	1557	\$38.55		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 13

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2190114732	1557	\$532.84		
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2190114734	1557	\$24.14		
116799	2024-02-14	UNIFIRST CORPORATION	Inv# 2200090712	1557	\$33.34		
<b>Total for Check:</b> 116799						<b>\$1,328.63</b>	<b>\$3,607.34</b>
116800	2024-02-14	UNITED PARCEL SERVICE	Inv# 0000X81601064_20240210		\$89.01		
<b>Total for Check:</b> 116800						<b>\$89.01</b>	<b>\$4,240.86</b>
116801	2024-02-14	UNIVAR SOLUTIONS USA	Inv# 51837975	2/7 23.553 ton sulfuric acid	\$5,322.98		
116801	2024-02-14	UNIVAR SOLUTIONS USA	Inv# 51837975	discount	(\$106.46)		
116801	2024-02-14	UNIVAR SOLUTIONS USA	Inv# 51837976	2/7 23.468 ton sulfuric acid	\$5,303.77		
116801	2024-02-14	UNIVAR SOLUTIONS USA	Inv# 51837976	discount	(\$106.08)		
<b>Total for Check:</b> 116801						<b>\$10,414.21</b>	<b>\$484,582.74</b>
116802	2024-02-14	UTILIQUEST LLC	Inv# 331180-Q	1/7-13 screen/mark pipes	\$1,198.08		
116802	2024-02-14	UTILIQUEST LLC	Inv# 331180-Q	1/7-13 screen/mark pipes	\$698.88		
116802	2024-02-14	UTILIQUEST LLC	Inv# 331180-Q	1/7-13 screen/mark pipes	\$85.66		
116802	2024-02-14	UTILIQUEST LLC	Inv# 331180-Q	1/7-13 screen/mark pipes	\$14.18		
<b>Total for Check:</b> 116802						<b>\$1,996.80</b>	<b>\$69,206.90</b>
116803	2024-02-14	Uribe, Esmeralda	Inv# FEB 7, 2024	2/7 TV for Prado	\$449.68		
<b>Total for Check:</b> 116803						<b>\$449.68</b>	<b>\$1,175.53</b>
116804	2024-02-14	VWR INTERNATIONAL LLC	Inv# 8815023551		\$189.78		
116804	2024-02-14	VWR INTERNATIONAL LLC	Inv# 8815031628	SUPPLIES	\$310.37		
116804	2024-02-14	VWR INTERNATIONAL LLC	Inv# 8815038815		\$1,879.20		
116804	2024-02-14	VWR INTERNATIONAL LLC	Inv# 8815038815		\$773.43		
116804	2024-02-14	VWR INTERNATIONAL LLC	Inv# 8815038815		\$662.94		
<b>Total for Check:</b> 116804						<b>\$3,815.72</b>	<b>\$79,694.15</b>
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124876750.001	R22020 Warehouse LED fixtures	\$83.66		
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124876750.001	R22020 Warehouse LED fixtures	\$81.42		
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124876750.001	R22020 Warehouse LED fixtures	\$81.10		
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124876750.001	R22020 Warehouse LED fixtures	\$46.73		
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124876750.001	R22020 Warehouse LED fixtures	\$41.81		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 14

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124876750.001		(\$5.83)		
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124877187.001	R22020 Warehouse LED fixtures	\$72.07		
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124877187.001	Shipping	\$12.00		
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124877187.001	Discount	(\$1.34)		
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124880307.001	R22020 Warehouse LED fixtures	\$5.77		
116806	2024-02-14	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124880307.001	Discount	(\$0.11)		
<b>Total for Check:</b> 116806						\$417.28	\$9,846.46
116807	2024-02-14	WATER DISTRICT JOBS	Inv# 1272401	RECRUITMENT AD	\$290.00		
<b>Total for Check:</b> 116807						\$290.00	\$580.00
116808	2024-02-14	WATER EDUCATION FOUNDATION	Inv# WEFMEM2024KS1675		\$8,000.00		
<b>Total for Check:</b> 116808						\$8,000.00	\$8,000.00
116809	2024-02-14	WESTBAY INSTRUMENTS INC.	Inv# WB-02812	ON-SITE TECHINICAL ASSISTANCE	\$11,549.72		
<b>Total for Check:</b> 116809						\$11,549.72	\$83,776.72
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932751	1/29 4974 gal s.hypochlorite	\$8,564.73		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932751	discount	(\$171.29)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932752	1/29 4984 gal s.hypochlorite	\$8,581.95		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932752	discount	(\$171.64)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932753	1/29 4998 gal s.hypochlorite	\$8,606.06		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932753	discount	(\$172.12)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932754	1/29 4984 gal s.hypochlorite	\$8,581.95		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932754	discount	(\$171.64)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932857	1/30 4947 gal s.hypochlorite	\$8,518.24		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932857	discount	(\$170.36)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932858	1/30 4974 gal s.hypochlorite	\$8,564.73		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932858	discount	(\$171.29)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932859	1/30 4939 gal s.hypochlorite	\$8,504.46		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932859	discount	(\$170.09)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932860	1/30 4895 gal s.hypochlorite	\$8,428.70		

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 15

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 932860	discount	(\$168.57)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933075	discount	(\$170.61)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933081	2/1 4974 gal s.hypochlorite	\$8,564.73		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933081	discount	(\$171.29)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933083	2/1 4990 gal s.hypochlorite	\$8,592.28		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933083	discount	(\$171.85)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933084	2/1 4931 gal s.hypochlorite	\$8,490.69		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933084	discount	(\$169.81)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933124	2/2 4916 gal s.hypochlorite	\$8,464.86		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933124	discount	(\$169.30)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933125	2/2 4923 gal s.hypochlorite	\$8,476.91		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933125	discount	(\$169.54)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933126	2/2 5053 gal s.hypochlorite	\$8,700.76		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933126	discount	(\$174.02)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933127	2/2 5107 gal s.hypochlorite	\$8,793.74		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933127	discount	(\$175.87)		
978327	2024-02-08	JCI JONES CHEMICAL, INC	Inv# 933075	2/1 4954 gal s.hypochlorite	\$8,530.29		
<b>Total for Check:</b> 978327					<b>\$134,225.79</b>	<b>\$665,980.18</b>	
978328	2024-02-09	U.S. BANK NA	Inv# REV REF BONDS 2019B INT Nguyen-Dao	Attn: Hong	\$131,680.43		
<b>Total for Check:</b> 978328					<b>\$131,680.43</b>	<b>\$38,879,505.41</b>	
978329	2024-02-14	U.S. BANK NA	Inv# REV REFUND BONDS 2017A&B NGUYEN- DAO	ATTN: HONG	\$2,270,043.98		
<b>Total for Check:</b> 978329					<b>\$2,270,043.98</b>	<b>\$38,879,505.41</b>	
978330	2024-02-14	U.S. BANK NA	Inv# REV REFUND BONDS 2019C&D		\$2,688,888.75		
<b>Total for Check:</b> 978330					<b>\$2,688,888.75</b>	<b>\$38,879,505.41</b>	
<b>Run Date:</b> 2/13/2024					<b>\$7,253,608.63</b>	<b>\$7,253,608.63</b>	

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 1

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116581	2024-01-31	PACWEST SECURITY SERVICES	Inv# 0C36098	Jan24 security svc	(\$34,358.21)		
<b>Total for Check:</b> 116581						(\$34,358.21)	\$242,785.45
116810	2024-02-21	DELL MARKETING L.P.	Inv# 10698030997	Replacement laptop for Jason	\$2,282.52		
116810	2024-02-21	DELL MARKETING L.P.	Inv# 10698030997	Replacement laptop for Jason	\$513.74		
116810	2024-02-21	DELL MARKETING L.P.	Inv# 10698030997		\$46.02		
116810	2024-02-21	DELL MARKETING L.P.	Inv# 10698030997	Replacement laptop for Jason	\$31.24		
116810	2024-02-21	DELL MARKETING L.P.	Inv# 10706517904	RUGGED LAPTOP FOR JULIO LANGAR	\$2,236.24		
116810	2024-02-21	DELL MARKETING L.P.	Inv# 10706517904	RUGGED LAPTOP FOR JULIO LANGAR	\$155.13		
<b>Total for Check:</b> 116810						\$5,264.89	\$10,905.63
116811	2024-02-21	ABSOLUTE STANDARDS, INC.	Inv# 232095	SUPPLIES	\$106.25		
<b>Total for Check:</b> 116811						\$106.25	\$10,250.25
116812	2024-02-21	ACCO BRANDS USA, LLC	Inv# 4728134416		\$141.07		
<b>Total for Check:</b> 116812						\$141.07	\$141.07
116813	2024-02-21	ACCO ENGINEERED SYSTEMS	Inv# 20504645	AC Motor at 540bldg	\$1,592.15		
116813	2024-02-21	ACCO ENGINEERED SYSTEMS	Inv# 20504645	AC Motor at 540bldg	\$850.00		
116813	2024-02-21	ACCO ENGINEERED SYSTEMS	Inv# 20504645	AC Motor at 540bldg	\$477.98		
116813	2024-02-21	ACCO ENGINEERED SYSTEMS	Inv# 20504645	AC Motor at 540bldg	\$100.00		
116813	2024-02-21	ACCO ENGINEERED SYSTEMS	Inv# 20504645	AC Motor at 540bldg	\$41.49		
116813	2024-02-21	ACCO ENGINEERED SYSTEMS	Inv# 20504645	AC Motor at 540bldg	\$12.39		
<b>Total for Check:</b> 116813						\$3,074.01	\$180,129.82
116814	2024-02-21	ACCUSTANDARD, INC.	Inv# 997494	SUPPLIES	\$554.63		
116814	2024-02-21	ACCUSTANDARD, INC.	Inv# 997494	Shipping	\$24.34		
116814	2024-02-21	ACCUSTANDARD, INC.	Inv# 997494	Handling	\$10.88		
<b>Total for Check:</b> 116814						\$589.85	\$10,311.44
116815	2024-02-21	AGILENT TECHNOLOGIES, INC.	Inv# 127141562	SUPPLIES	\$1,974.47		
116815	2024-02-21	AGILENT TECHNOLOGIES, INC.	Inv# 127141562	Shipping	\$8.70		
<b>Total for Check:</b> 116815						\$1,983.17	\$300,003.19
116816	2024-02-21	AIR FILTER SUPPLY, INC	Inv# I655913	Generated by reorder 1/24/24 1	\$1,046.82		
<b>Total for Check:</b> 116816						\$1,046.82	\$2,193.71
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 13QH-KHGJ-CL3D Se	Tamper Proof Hex Bit Socket	\$43.47		

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 2

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 13QH-KHGJ-CL3D Se	Tamper Proof Hex Bit Socket	\$12.05		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 16V9-FYY4-43FH	REPLACES BPO# 516808	\$47.59		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 16Y7-XGGL-X97T	ERGO	\$228.98		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 17KM-1X4P-DV7Q	OFFICE EQUIPMENT	\$391.49		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 17KM-1X4P-DV7Q	OFFICE EQUIPMENT	\$9.78		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 17KM-1X4P-DV7Q	Other	\$5.00		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 1FCY-3GRL-7MD7	ELASTIC TRUCK COVER	\$123.92		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 1NTP-34HY-169M	SUPPLIES	\$152.22		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 1RHM-L6PK-FHT1	Generated by reorder 1/22/24 1	\$242.10		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 1RHM-L6PK-FHT1	Shipping	\$4.89		
116818	2024-02-21	AMAZON CAPITAL SERVICES, INC	Inv# 1WXG-XPRG-CHRY	REPLACES BPO# 516808	\$206.28		
<b>Total for Check:</b> 116818						<b>\$1,467.77</b>	<b>\$31,399.02</b>
116819	2024-02-21	AMAZON WEB SERVICES INC	Inv# 1MR3-YYHR-9CC7	Pipe Wrenches FOR JSMITH	\$79.21		
116819	2024-02-21	AMAZON WEB SERVICES INC	Inv# 1MR3-YYHR-9CC7	Pipe Wrenches FOR JSMITH	\$69.05		
116819	2024-02-21	AMAZON WEB SERVICES INC	Inv# 1MR3-YYHR-9CC7	Shipping	\$7.60		
116819	2024-02-21	AMAZON WEB SERVICES INC	Inv# 1XM7-9TRQ-1HQG JS	2-11/16 Combination Wrench	\$471.11		
<b>Total for Check:</b> 116819						<b>\$626.97</b>	<b>\$2,086.62</b>
116820	2024-02-21	AMERICAN WATER CHEMICAL, INC	Inv# 52229411	1/24 40580 lb antiscalant	\$53,159.80		
<b>Total for Check:</b> 116820						<b>\$53,159.80</b>	<b>\$1,260,000.20</b>
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0110196000_20240215		\$31.72		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0110198000_20240215	01.16.24-02.13.24	\$87.58		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0110199000_20240215	01.16.24-02.13.24	\$41,268.25		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0110452300_20240216	01.16.24-02.15.24	\$406.24		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0110561300_20240216	01.16.24-02.14.24	\$35.38		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0110562000_20240216	01.17.24-02.14.24	\$2,914.57		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0111128000_20240216	01.17.24-02.14.24	\$319.37		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0118602000_20240216		\$31.95		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0127464300_20240212	01.10.24-02.08.24	\$1,097.42		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0127602300_20240212	01.09.24-02.08.24	\$59.87		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0127603000_20240212		\$47.22		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0127704000_20240212	01.10.24-02.08.24	\$554.54		

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 3

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0128276000_20240213		\$109.28		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0128277000_20240213	01.11.24-02.09.24	\$1,723.44		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0128279000_20240213	01.11.24-02.09.24	\$1,592.20		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0128280300_20240213	01.10.24-02.07.24	\$55.35		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0128282300_20240213		\$308.84		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0128283000_20240213	01.11.24-02.09.24	\$1,116.21		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0128284000_20240213	01.11.24-02.09.24	\$139.29		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0128660002_20240213	01.11.24-02.09.24	\$496.12		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0129051000_20240215	01.16.24-02.13.24	\$14.79		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0131487000_20240213	01.11.24-02.09.24	\$50.13		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0132538000_20240213	01.11.24-02.09.24	\$444.64		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0134144000_20240213	01.11.24-02.09.24	\$50.13		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0134145000_20240212	01.10.24-02.08.24	\$50.64		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0134965000_20240212		\$79.86		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0137310300_20240216		\$16.91		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0138802000_20240213	01.11.24-02.09.24	\$15.08		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0139824000_20240213	01.11.24-02.09.24	\$47.06		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0140776000_20240216	01.17.24-02.14.24	\$59.22		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0145086300_20240216	01.16.24-02.24.24	\$17.52		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0145552000_20240213	01.11.24-02.09.24	\$20.12		
116824	2024-02-21	ANAHEIM, CITY OF	Inv# 0147092000_20240216		\$110.94		
<b>Total for Check:</b> 116824						\$53,371.88	\$285,144.25
116825	2024-02-21	ARAMARK UNIFORM SERVICES	Inv# 26089465	Uniform Jacket (UniFirst)	\$60.82		
116825	2024-02-21	ARAMARK UNIFORM SERVICES	Inv# 26089465	Uniform Jacket (UniFirst)	\$42.40		
116825	2024-02-21	ARAMARK UNIFORM SERVICES	Inv# 26089465	Uniform Jacket (UniFirst)	\$42.40		
116825	2024-02-21	ARAMARK UNIFORM SERVICES	Inv# 26089465	Uniform Jacket (UniFirst)	\$29.35		
116825	2024-02-21	ARAMARK UNIFORM SERVICES	Inv# 26089465	Shipping	\$9.77		
<b>Total for Check:</b> 116825						\$184.74	\$43,640.07
116826	2024-02-21	ARBOR ENVIRONMENTAL LLC	Inv# 9712	RESPIRATORY	\$405.00		
116826	2024-02-21	ARBOR ENVIRONMENTAL LLC	Inv# 9712	RESPIRATORY	\$150.00		
<b>Total for Check:</b> 116826						\$555.00	\$3,810.00
116827	2024-02-21	AT & T	Inv# 335 253 2206_20240207	02.07.24-03.06.24	\$82.07		

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 4

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
		<b>Total for Check:</b> 116827				\$82.07	\$24,156.86
116828	2024-02-21	AT & T	Inv# 339 259 6949_20240207	02.07.24-03.06.24	\$66.23		
		<b>Total for Check:</b> 116828				\$66.23	\$24,156.86
116829	2024-02-21	AYALA, GINA	Inv# AYALA JANUARY 2024 TRAVEL	1/10 & 1/31 travels	\$82.75		
116829	2024-02-21	AYALA, GINA	Inv# AYALA JANUARY 2024 TRAVEL	1/10 & 1/31 travels	\$20.00		
		<b>Total for Check:</b> 116829				\$102.75	\$2,386.64
116830	2024-02-21	B & M LAWN & GARDEN CENTER	Inv# 626301	BPO LANDSCAPING SUPPLIES	\$33.28		
		<b>Total for Check:</b> 116830				\$33.28	\$2,689.94
116831	2024-02-21	BC2 ENVIRONMENTAL, LLC	Inv# 23-29368	Prog.Pmt#10 SG-2021-1	\$126,080.20		
116831	2024-02-21	BC2 ENVIRONMENTAL, LLC	Inv# 23-29368	Prog.Pmt#10 SG-2021-1	\$3,918.75		
116831	2024-02-21	BC2 ENVIRONMENTAL, LLC	Inv# 23-29368	Prog.Pmt#10 SG-2021-1	\$3,135.00		
		<b>Total for Check:</b> 116831				\$133,133.95	\$214,355.95
116832	2024-02-21	BLUESPACE INTERIORS	Inv# I-02193105	Generated by reorder 1/18/24 7	\$417.34		
116832	2024-02-21	BLUESPACE INTERIORS	Inv# I-02193105	Fuel Surcharge	\$2.99		
116832	2024-02-21	BLUESPACE INTERIORS	Inv# I-02193482	Generated by reorder 1/18/24 7	\$241.49		
		<b>Total for Check:</b> 116832				\$661.82	\$14,982.17
116833	2024-02-21	BRENNETAG PACIFIC INC.	Inv# BPI408344	2/12 21.92 ton citric acid	\$28,939.33		
116833	2024-02-21	BRENNETAG PACIFIC INC.	Inv# BPI408344	discount	(\$578.79)		
116833	2024-02-21	BRENNETAG PACIFIC INC.	Inv# BPI408447	2/8 21.95 ton H.peroxide	\$10,975.00		
116833	2024-02-21	BRENNETAG PACIFIC INC.	Inv# BPI408447	discount	(\$219.50)		
116833	2024-02-21	BRENNETAG PACIFIC INC.	Inv# BPI409739	2/19 21.84 ton H.peroxide	\$10,920.00		
116833	2024-02-21	BRENNETAG PACIFIC INC.	Inv# BPI409739	discount	(\$218.40)		
116833	2024-02-21	BRENNETAG PACIFIC INC.	Inv# BPI409439	discount	(\$218.80)		
116833	2024-02-21	BRENNETAG PACIFIC INC.	Inv# BPI409439	2/15 21.88 ton H.Peroxide	\$10,940.00		
		<b>Total for Check:</b> 116833				\$60,538.84	\$1,548,928.42
116834	2024-02-21	CALGON CARBON CORPORATION	Inv# 90169641	CARBON TREATMENT SUPPLIES	\$5,872.50		
116834	2024-02-21	CALGON CARBON CORPORATION	Inv# 90169641	CARBON TREATMENT SUPPLIES	\$2,816.63		
		<b>Total for Check:</b> 116834				\$8,689.13	\$8,689.13
116835	2024-02-21	CEL ANALYTICAL INC	Inv# 240110-4593	BPO WQ ANALYSIS	\$690.00		
116835	2024-02-21	CEL ANALYTICAL INC	Inv# 240117-4627	BPO WQ ANALYSIS	\$470.00		
		<b>Total for Check:</b> 116835				\$1,160.00	\$9,210.00
116836	2024-02-21	CERIDIAN HCM, INC.	Inv# IN1107547	Feb24 payroll svc	\$5,502.58		
		<b>Total for Check:</b> 116836				\$5,502.58	\$63,649.39

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 5

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116837	2024-02-21	CHEMCO PRODUCTS COMPANY	Inv# 218113	Monthly Closed Loop Water Serv	\$301.70		
<b>Total for Check:</b> 116837						\$301.70	\$2,342.20
116838	2024-02-21	CITY OF ANAHEIM	Inv# EE003098	PFAS reimbursement #037	\$1,838,747.01		
<b>Total for Check:</b> 116838						\$1,838,747.01	\$37,338,281.03
116839	2024-02-21	CLEAN HARBORS ENVIRONMENTAL SERVICES INC	Inv# 1004910141	BPO WASTE DISPOSAL	\$530.71		
<b>Total for Check:</b> 116839						\$530.71	\$37,081.65
116840	2024-02-21	CONSOLIDATED OFFICE SYSTEMS	Inv# 31227	Trendway Choices 144" Power	\$270.79		
116840	2024-02-21	CONSOLIDATED OFFICE SYSTEMS	Inv# 31227		\$50.00		
<b>Total for Check:</b> 116840						\$320.79	\$320.79
116841	2024-02-21	CPI INTERNATIONAL	Inv# 20063772	SUPPLIES	\$326.25		
116841	2024-02-21	CPI INTERNATIONAL	Inv# 20063772		(\$6.00)		
<b>Total for Check:</b> 116841						\$320.25	\$7,754.28
116842	2024-02-21	CULLIGAN OF SANTA ANA	Inv# 1925267	BPO WATER SOFTNER SERVICE	\$203.12		
<b>Total for Check:</b> 116842						\$203.12	\$1,654.96
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748	Fuel Injection Pumps 1000KW	\$16,698.40		
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748	Fuel Injection Pumps 1000KW	\$16,698.40		
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748	Fuel Injection Pumps 1000KW	\$4,855.20		
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748	Fuel Injection Pumps 1000KW	\$2,000.00		
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748	Fuel Injection Pumps 1000KW	\$952.00		
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748	Fuel Injection Pumps 1000KW	\$845.18		
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748		\$158.00		
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748	Fuel Injection Pumps 1000KW	\$113.05		
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748		\$98.49		
116843	2024-02-21	CUMMINS CAL PACIFIC LLC.	Inv# X9-25748	Fuel Injection Pumps 1000KW	\$36.25		
<b>Total for Check:</b> 116843						\$42,454.97	\$45,523.97
116844	2024-02-21	CWEA	Inv# MEMB RENEWAL J. PENELLA		\$221.00		
<b>Total for Check:</b> 116844						\$221.00	\$4,774.00
116845	2024-02-21	DAYFORCE US, INC.	Inv# IN1117059		\$450.00		
<b>Total for Check:</b> 116845						\$450.00	\$450.00
116846	2024-02-21	Doplito, Pete	Inv# NOV23-FEB24 EXPENSES expenses	11/20/23-2/2/24	\$465.48		
<b>Total for Check:</b> 116846						\$465.48	\$2,527.86

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 6

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116847	2024-02-21	EMBARCADERO TECHNOLOGIES, INC.	Inv# Q-1414714	Renew DB Power Studio SW maint	\$1,540.00		
116847	2024-02-21	EMBARCADERO TECHNOLOGIES, INC.	Inv# Q-1414714		\$1,411.66		
116847	2024-02-21	EMBARCADERO TECHNOLOGIES, INC.	Inv# Q-1414714		\$128.34		
116847	2024-02-21	EMBARCADERO TECHNOLOGIES, INC.	Inv# Q-1414714		(\$1,540.00)		
<b>Total for Check:</b> 116847						\$1,540.00	\$1,540.00
116848	2024-02-21	ENGEO INCORPORATED	Inv# 288918	Thru 1/21 Bond Basin slope	\$4,680.00		
116848	2024-02-21	ENGEO INCORPORATED	Inv# 288935	Thru 1/21 Sunset GAP monitor	\$7,262.06		
<b>Total for Check:</b> 116848						\$11,942.06	\$77,190.87
116849	2024-02-21	ENVIRONMENTAL EXPRESS	Inv# 1000771279	SUPPLIES	\$557.89		
116849	2024-02-21	ENVIRONMENTAL EXPRESS	Inv# 1000771279	Freight	\$50.93		
<b>Total for Check:</b> 116849						\$608.82	\$4,561.66
116850	2024-02-21	FACTORY MOTOR PARTS	Inv# 12-5739051	BPO AUTO PARTS	\$64.02		
116850	2024-02-21	FACTORY MOTOR PARTS	Inv# 12-5741509	BPO AUTO PARTS	\$56.44		
<b>Total for Check:</b> 116850						\$120.46	\$10,673.95
116851	2024-02-21	FILMTEC CORP	Inv# 951464114	Replacement membranes	\$531,570.00		
116851	2024-02-21	FILMTEC CORP	Inv# 951464114	Replacement membranes	\$15,947.10		
<b>Total for Check:</b> 116851						\$547,517.10	\$3,294,534.06
116852	2024-02-21	FIREMASTER	Inv# 0001139272	FIRE EXTINGUISHER SERVICE	\$457.33		
116852	2024-02-21	FIREMASTER	Inv# 0001140167	FIRE EXTINGUISHER MAINTENACE	\$845.19		
<b>Total for Check:</b> 116852						\$1,302.52	\$3,222.10
116853	2024-02-21	FISHER SCIENTIFIC CO.	Inv# 9060075	SUPPLIES	\$653.22		
<b>Total for Check:</b> 116853						\$653.22	\$145,664.99
116854	2024-02-21	FOUNTAIN VALLEY, CITY OF	Inv# 8157-238000-13_20240220	12.10.23-02.11.24	\$629.04		
116854	2024-02-21	FOUNTAIN VALLEY, CITY OF	Inv# 8157-238500-03_20240220	12.10.23-02.11.24	\$368.64		
116854	2024-02-21	FOUNTAIN VALLEY, CITY OF	Inv# 8166-100000-01_20240220		\$16,090.40		
116854	2024-02-21	FOUNTAIN VALLEY, CITY OF	Inv# 8166-300500-01_20240220		\$22,901.52		
<b>Total for Check:</b> 116854						\$39,989.60	\$181,892.16
116856	2024-02-21	GRAINGER INC.	Inv# 9955870796	BPO INDUSTRIAL SUPPLIES	\$93.48		
116856	2024-02-21	GRAINGER INC.	Inv# 9956515051	BPO INDUSTRIAL SUPPLIES	\$337.46		
116856	2024-02-21	GRAINGER INC.	Inv# 9956599931	BPO INDUSTRIAL SUPPLIES	\$202.12		

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 7

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116856	2024-02-21	GRAINGER INC.	Inv# 9957188114		\$82.39		
116856	2024-02-21	GRAINGER INC.	Inv# 9958854854	BPO INDUSTRIAL SUPPLIES	\$72.75		
116856	2024-02-21	GRAINGER INC.	Inv# 9960211861	BPO INDUSTRIAL SUPPLIES	\$902.80		
116856	2024-02-21	GRAINGER INC.	Inv# 9960211861	BPO INDUSTRIAL SUPPLIES	\$6.14		
116856	2024-02-21	GRAINGER INC.	Inv# 9961387694	Generated by reorder 1/12/24 7	\$229.25		
116856	2024-02-21	GRAINGER INC.	Inv# 9961843530	Generated by reorder 1/11/24 1	\$320.81		
116856	2024-02-21	GRAINGER INC.	Inv# 9961843530	Generated by reorder 1/11/24 1	\$172.81		
116856	2024-02-21	GRAINGER INC.	Inv# 9961843530	Generated by reorder 1/11/24 1	\$172.81		
116856	2024-02-21	GRAINGER INC.	Inv# 9961843530	Generated by reorder 1/11/24 1	\$169.12		
<b>Total for Check:</b>		116856				<b>\$2,761.94</b>	<b>\$134,103.98</b>
116857	2024-02-21	HABITAT WEST	Inv# 91083	Jan24 agmt 1542 on call	\$5,484.65		
<b>Total for Check:</b>		116857				<b>\$5,484.65</b>	<b>\$138,135.75</b>
116858	2024-02-21	HOME DEPOT CREDIT SERVICES	Inv# 1012096	BPO INDUSTRIAL SUPPLIES	\$87.05		
116858	2024-02-21	HOME DEPOT CREDIT SERVICES	Inv# 1183225	Refund	(\$376.05)		
116858	2024-02-21	HOME DEPOT CREDIT SERVICES	Inv# 1513551	BPO INDUSTRIAL SUPPLIES	\$384.67		
116858	2024-02-21	HOME DEPOT CREDIT SERVICES	Inv# 4052067	BPO INDUSTRIAL SUPPLIES	\$63.69		
116858	2024-02-21	HOME DEPOT CREDIT SERVICES	Inv# 5511009	BPO INDUSTRIAL SUPPLIES	\$86.05		
<b>Total for Check:</b>		116858				<b>\$245.41</b>	<b>\$22,758.87</b>
116859	2024-02-21	Hernandez, Josue	Inv# JAN 29-FEB2,2024 EMERSON training	1/29-2/2 Emerson	\$1,042.70		
<b>Total for Check:</b>		116859				<b>\$1,042.70</b>	<b>\$1,362.70</b>
116860	2024-02-21	IDEXX LABORATORIES, INC.	Inv# 3144558375	SUPPLIES	\$42.41		
116860	2024-02-21	IDEXX LABORATORIES, INC.	Inv# 3144558375	Shipping	\$5.14		
<b>Total for Check:</b>		116860				<b>\$47.55</b>	<b>\$7,904.45</b>
116861	2024-02-21	INSIGHT PUBLIC SECTOR, INC	Inv# 1101130487	Office365 security renewal	\$10,964.26		
<b>Total for Check:</b>		116861				<b>\$10,964.26</b>	<b>\$80,489.19</b>
116862	2024-02-21	LABELMART	Inv# 665054	LABELS FOR SAMPLE BOTTLES	\$1,049.00		
116862	2024-02-21	LABELMART	Inv# 665054	Freight	\$148.33		
116862	2024-02-21	LABELMART	Inv# 665054	LABELS FOR SAMPLE BOTTLES	\$20.98		
116862	2024-02-21	LABELMART	Inv# 665054	LABELS FOR SAMPLE BOTTLES	\$20.98		
<b>Total for Check:</b>		116862				<b>\$1,239.29</b>	<b>\$1,239.29</b>
116863	2024-02-21	LHOIST NORTH AMERICA	Inv# 1102401558	1/25 (2)limes 26.55, 25.19 ton	\$21,154.79		
<b>Total for Check:</b>		116863				<b>\$21,154.79</b>	<b>\$1,107,107.99</b>

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 8

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116864	2024-02-21	LIFE TECHNOLOGIES CORP	Inv# NUMBER84483701	SUPPLIES	\$1,816.13		
116864	2024-02-21	LIFE TECHNOLOGIES CORP	Inv# NUMBER84483701	SUPPLIES	\$595.95		
116864	2024-02-21	LIFE TECHNOLOGIES CORP	Inv# NUMBER84483701	Handling	\$118.54		
<b>Total for Check:</b>		116864				<b>\$2,530.62</b>	<b>\$21,080.57</b>
116865	2024-02-21	LINE-X OF ORANGE COUNTY	Inv# 11471	Truck bed cover (Natural Resou	\$1,292.99		
116865	2024-02-21	LINE-X OF ORANGE COUNTY	Inv# 11471	Truck bed cover (Natural Resou	\$150.00		
<b>Total for Check:</b>		116865				<b>\$1,442.99</b>	<b>\$1,442.99</b>
116866	2024-02-21	MARSH USA LLC	Inv# 304826805500	La Palma Liability Insurance	\$299,977.28		
<b>Total for Check:</b>		116866				<b>\$299,977.28</b>	<b>\$299,977.28</b>
116867	2024-02-21	MCFADDEN-DALE HARDWARE CO.	Inv# 5370175	BPO INDUSTRIAL SUPPLIES	\$6.09		
116867	2024-02-21	MCFADDEN-DALE HARDWARE CO.	Inv# 5370175	Discount	(\$0.17)		
<b>Total for Check:</b>		116867				<b>\$5.92</b>	<b>\$6,921.61</b>
116868	2024-02-21	MCMASTER-CARR SUPPLY COMPANY	Inv# 22019072	BPO INDUSTRIAL SUPPLIES	\$279.53		
116868	2024-02-21	MCMASTER-CARR SUPPLY COMPANY	Inv# 22019072	Shipping	\$15.90		
116868	2024-02-21	MCMASTER-CARR SUPPLY COMPANY	Inv# 22019072	Discount	(\$5.59)		
116868	2024-02-21	MCMASTER-CARR SUPPLY COMPANY	Inv# 22019724	BPO INDUSTRIAL SUPPLIES	\$31.06		
116868	2024-02-21	MCMASTER-CARR SUPPLY COMPANY	Inv# 22175496	BPO INDUSTRIAL SUPPLIES	\$79.89		
116868	2024-02-21	MCMASTER-CARR SUPPLY COMPANY	Inv# 22175496	Shipping	\$8.26		
116868	2024-02-21	MCMASTER-CARR SUPPLY COMPANY	Inv# 22175496	Discount	(\$1.60)		
<b>Total for Check:</b>		116868				<b>\$407.45</b>	<b>\$19,430.43</b>
116869	2024-02-21	METTLER-TOLEDO RAININ LLC	Inv# 679059212	R&D lab supplies LJ FOR AH	\$184.01		
116869	2024-02-21	METTLER-TOLEDO RAININ LLC	Inv# 679059212	Freight	\$8.88		
<b>Total for Check:</b>		116869				<b>\$192.89</b>	<b>\$192.89</b>
116870	2024-02-21	MILLER & AXLINE	Inv# 11500	2/7/24 legal/South Basin	\$7,378.83		
<b>Total for Check:</b>		116870				<b>\$7,378.83</b>	<b>\$89,729.24</b>
116871	2024-02-21	MOOSA CREEK NURSERY	Inv# 42324		\$808.39		
<b>Total for Check:</b>		116871				<b>\$808.39</b>	<b>\$808.39</b>
116872	2024-02-21	NORTHERN SAFETY COMPANY	Inv# 905988562	Rain jackets - Equipment Opera	\$131.27		

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 9

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
		<b>Total for Check:</b> 116872				\$131.27	\$9,424.43
116873	2024-02-21	ORANGE COUNTY EMPLOYEE ASSOCIATION	Inv# OCEA INVOICE	OCEA DUES Feb2024	\$1,420.65		
		<b>Total for Check:</b> 116873				\$1,420.65	\$29,048.25
116874	2024-02-21	ORANGE COUNTY SANITATION DISTRICT	Inv# S-600319 PERMIT S-600319	2024 Permit Renewal	\$1,720.00		
		<b>Total for Check:</b> 116874				\$1,720.00	\$37,249.18
116875	2024-02-21	PACWEST SECURITY SERVICES	Inv# 0C36098	Jan24 security svc	\$34,358.21		
		<b>Total for Check:</b> 116875				\$34,358.21	\$242,785.45
116876	2024-02-21	PHENOVA INC	Inv# 201396	SUPPLIES	\$190.86		
116876	2024-02-21	PHENOVA INC	Inv# 201396	SUPPLIES	\$149.86		
116876	2024-02-21	PHENOVA INC	Inv# 201396	SUPPLIES	\$149.86		
116876	2024-02-21	PHENOVA INC	Inv# 201396	SUPPLIES	\$106.73		
116876	2024-02-21	PHENOVA INC	Inv# 201396	Frt&Handling	\$105.59		
116876	2024-02-21	PHENOVA INC	Inv# 201396	SUPPLIES	\$104.62		
116876	2024-02-21	PHENOVA INC	Inv# 201396	SUPPLIES	\$90.48		
116876	2024-02-21	PHENOVA INC	Inv# 201396	SUPPLIES	\$85.53		
		<b>Total for Check:</b> 116876				\$983.53	\$9,415.02
116877	2024-02-21	PIKE, DONNA R	Inv# OCT.17,23-JAN.31,24	Petty Cash FHQ	\$460.53		
		<b>Total for Check:</b> 116877				\$460.53	\$4,684.64
116878	2024-02-21	PLATINUM COMPUTER SUPPORT	Inv# 25478	Generated by reorder 1/22/24 1	\$765.06		
116878	2024-02-21	PLATINUM COMPUTER SUPPORT	Inv# 25478	Generated by reorder 1/22/24 1	\$411.08		
116878	2024-02-21	PLATINUM COMPUTER SUPPORT	Inv# 25478	Generated by reorder 1/22/24 1	\$389.05		
116878	2024-02-21	PLATINUM COMPUTER SUPPORT	Inv# 25478	Generated by reorder 1/22/24 1	\$389.05		
116878	2024-02-21	PLATINUM COMPUTER SUPPORT	Inv# 25478	Generated by reorder 1/22/24 1	\$389.05		
		<b>Total for Check:</b> 116878				\$2,343.29	\$26,161.35
116879	2024-02-21	QUINN COMPANY	Inv# 27284401	MANLIFT RENTAL AT PRADO	\$1,376.51		
116879	2024-02-21	QUINN COMPANY	Inv# 27284401	Delivery	\$150.00		
116879	2024-02-21	QUINN COMPANY	Inv# PC830418377	BPO EQUIPMENT & SUPPLIES	\$513.16		
116879	2024-02-21	QUINN COMPANY	Inv# PC830418425	Generated by reorder 1/17/24 1	\$741.14		
116879	2024-02-21	QUINN COMPANY	Inv# PC830418425	Generated by reorder 1/17/24 1	\$128.02		
116879	2024-02-21	QUINN COMPANY	Inv# PC830418515	Generated by reorder 1/24/24 1	\$146.37		
		<b>Total for Check:</b> 116879				\$3,055.20	\$2,074,279.52

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 10

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116880	2024-02-21	RAYMOND HANDLING SOLUTIONS	Inv# W11664743	BPO FORKLIFT SERVICE	\$79.00		
116880	2024-02-21	RAYMOND HANDLING SOLUTIONS	Inv# W11664744	BPO FORKLIFT SERVICE	\$117.00		
116880	2024-02-21	RAYMOND HANDLING SOLUTIONS	Inv# W11666406	BPO FORKLIFT SERVICE	\$450.95		
<b>Total for Check:</b> 116880						\$646.95	\$2,369.95
116881	2024-02-21	SOLINST CANADA LTD.	Inv# 12853950	Solinst water level meter	\$661.00		
116881	2024-02-21	SOLINST CANADA LTD.	Inv# DR00000561		\$57.52		
<b>Total for Check:</b> 116881						\$718.52	\$718.52
116882	2024-02-21	SOUTH COAST BOBCAT INC	Inv# P19566		\$542.97		
116882	2024-02-21	SOUTH COAST BOBCAT INC	Inv# P19566		\$88.08		
<b>Total for Check:</b> 116882						\$631.05	\$631.05
116883	2024-02-21	SOUTHERN CALIFORNIA EDISON CO.	Inv# 700546365072FEB24		\$15,449.69		
<b>Total for Check:</b> 116883						\$15,449.69	\$7,083,888.95
116884	2024-02-21	SPARKLETT'S DS WATER OF AMERICA LP	Inv# 20367056 012624	BPO WATER DELIVERY	\$63.49		
<b>Total for Check:</b> 116884						\$63.49	\$5,756.96
116885	2024-02-21	STANTEC CONSULTING INC. (SCI)	Inv# 2176208	Thru 12/1 PFAS S.Anna 38 wo#1	\$38,084.86		
116885	2024-02-21	STANTEC CONSULTING INC. (SCI)	Inv# 2176208	Thru 12/1 PFAS S.Anna 38 wo#1	\$31,892.16		
116885	2024-02-21	STANTEC CONSULTING INC. (SCI)	Inv# 2176208	Thru 12/1 PFAS S.Anna 38 wo#1	\$31,892.16		
116885	2024-02-21	STANTEC CONSULTING INC. (SCI)	Inv# 2176208	Thru 12/1 PFAS S.Anna 38 wo#1	(\$31,892.16)		
116885	2024-02-21	STANTEC CONSULTING INC. (SCI)	Inv# 2184297	Thru 12/31 PFAS S.Anna 40 wo#2	\$4,788.50		
116885	2024-02-21	STANTEC CONSULTING INC. (SCI)	Inv# 2185134	Thru 12/31 PFAS S.Anna 38 wo#1	\$41,238.46		
<b>Total for Check:</b> 116885						\$116,003.98	\$1,075,622.56
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3556454745		\$147.00		
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3557605755	Generated by reorder 1/18/24 6	\$271.37		
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3557605755	Generated by reorder 1/18/24 6	\$234.63		
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3557605755	Generated by reorder 1/18/24 6	\$191.29		
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3557605755	Generated by reorder 1/18/24 6	\$135.46		
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3557605755	Generated by reorder 1/18/24 6	\$106.47		
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3557605755	Generated by reorder 1/18/24 6	\$97.81		
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3557605755	Generated by reorder 1/18/24 6	\$73.02		
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3557605756	Generated by reorder 1/18/24 6	\$38.26		
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3557676524	Generated by reorder 1/18/24 6	\$21.29		

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 11

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116887	2024-02-21	STAPLES ADVANTAGE	Inv# 3559249698		(\$147.00)		
		<b>Total for Check:</b>	116887			\$1,169.60	\$19,435.55
116888	2024-02-21	TERRYBERRY CO.	Inv# Q00822	AWARDS BPO	\$110.47		
116888	2024-02-21	TERRYBERRY CO.	Inv# Q00822	Shipping	\$26.13		
		<b>Total for Check:</b>	116888			\$136.60	\$3,291.07
116889	2024-02-21	TETRA TECH, INC.	Inv# 52179974	Thru 11/24 Santiago P.Sta modi	\$7,972.36		
116889	2024-02-21	TETRA TECH, INC.	Inv# 52191640	Thru 12/29 Santiago P.Sta mod	\$6,081.86		
116889	2024-02-21	TETRA TECH, INC.	Inv# 52191640	Thru 12/29 Santiago P.Sta mod	\$2,558.14		
116889	2024-02-21	TETRA TECH, INC.	Inv# 52191673	Thru 12/29 PFAS wo#4 F.Main	\$90,805.87		
		<b>Total for Check:</b>	116889			\$107,418.23	\$943,028.68
116890	2024-02-21	SoCalGas	Inv# 04440929000_20240205	01.04.24-02.01.24	\$901.84		
116890	2024-02-21	SoCalGas	Inv# 05070929004_20240205	01.04.24-02.01.24	\$1,081.32		
116890	2024-02-21	SoCalGas	Inv# 11375833040_20240205	01.04.24-02.01.24	\$5,839.10		
		<b>Total for Check:</b>	116890			\$7,822.26	\$55,017.75
116891	2024-02-21	THEODORE ROBINS, INC.	Inv# 073853	BPO TRUCK PARTS	\$12.05		
116891	2024-02-21	THEODORE ROBINS, INC.	Inv# 074240	BPO TRUCK PARTS	\$151.02		
		<b>Total for Check:</b>	116891			\$163.07	\$1,503.10
116892	2024-02-21	TUCKER ELLIS LLP	Inv# 946177	Dec23 legal/PFAS	\$1,670.00		
116892	2024-02-21	TUCKER ELLIS LLP	Inv# 946178	Dec23 legal/CEQA	\$1,687.50		
		<b>Total for Check:</b>	116892			\$3,357.50	\$73,380.43
116893	2024-02-21	U-LINE	Inv# 173595790	SAMPLING SUPPLIES/LAB CART	\$261.00		
116893	2024-02-21	U-LINE	Inv# 173595790	SAMPLING SUPPLIES/LAB CART	\$184.88		
116893	2024-02-21	U-LINE	Inv# 173595790	SAMPLING SUPPLIES/LAB CART	\$134.85		
116893	2024-02-21	U-LINE	Inv# 173595790	SAMPLING SUPPLIES/LAB CART	\$113.10		
116893	2024-02-21	U-LINE	Inv# 173595790	SAMPLING SUPPLIES/LAB CART	\$65.25		
116893	2024-02-21	U-LINE	Inv# 173595790	SAMPLING SUPPLIES/LAB CART	\$39.15		
116893	2024-02-21	U-LINE	Inv# 173595790		\$1.63		
116893	2024-02-21	U-LINE	Inv# 173671141	SAMPLE TRANSPORT SUPPLIES	\$175.20		
116893	2024-02-21	U-LINE	Inv# 173671141		\$1.63		
		<b>Total for Check:</b>	116893			\$976.69	\$12,751.47
116894	2024-02-21	UNDERGROUND SERVICE ALERT	Inv# 1220230495		\$529.75		
116894	2024-02-21	UNDERGROUND SERVICE ALERT	Inv# 23-242255		\$302.06		

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 12

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
		<b>Total for Check:</b> 116894				\$831.81	\$8,473.85
116895	2024-02-21	UNIFIRST CORPORATION	Inv# 2190117004	1557	\$201.65		
116895	2024-02-21	UNIFIRST CORPORATION	Inv# 2190117004	1557	\$0.62		
116895	2024-02-21	UNIFIRST CORPORATION	Inv# 2190117681	1557	\$8.81		
116895	2024-02-21	UNIFIRST CORPORATION	Inv# 2190117683	1557	\$118.06		
116895	2024-02-21	UNIFIRST CORPORATION	Inv# 2190117685	1557	\$233.54		
116895	2024-02-21	UNIFIRST CORPORATION	Inv# 2190117687	1557	\$42.41		
116895	2024-02-21	UNIFIRST CORPORATION	Inv# 2190117688	1557	\$434.90		
116895	2024-02-21	UNIFIRST CORPORATION	Inv# 2190117689	1557	\$64.48		
116895	2024-02-21	UNIFIRST CORPORATION	Inv# 2190117692	1557	\$21.04		
		<b>Total for Check:</b> 116895				\$1,125.51	\$4,732.85
116896	2024-02-21	UNITED PARCEL SERVICE INC	Inv# 0000X81601074_20240217		\$325.53		
		<b>Total for Check:</b> 116896				\$325.53	\$325.53
116897	2024-02-21	UNITED WATER WORKS INC	Inv# S100127598.001	20" x 36" AIR VAC Covers - San	\$1,997.73		
		<b>Total for Check:</b> 116897				\$1,997.73	\$4,649.52
116898	2024-02-21	UNIVAR SOLUTIONS USA	Inv# 51855732	2/14 23.273 ton sulfuric acid	\$5,259.70		
116898	2024-02-21	UNIVAR SOLUTIONS USA	Inv# 51855732	discount	(\$105.19)		
116898	2024-02-21	UNIVAR SOLUTIONS USA	Inv# 51855734	2/14 23.413 ton sulfuric acid	\$5,291.34		
116898	2024-02-21	UNIVAR SOLUTIONS USA	Inv# 51855734	discount	(\$105.83)		
		<b>Total for Check:</b> 116898				\$10,340.02	\$494,922.76
116899	2024-02-21	UTILIQUEST LLC	Inv# 331317-Q	1/14-20 screen/mark pipes	\$933.06		
116899	2024-02-21	UTILIQUEST LLC	Inv# 331317-Q	1/14-20 screen/mark pipes	\$544.29		
116899	2024-02-21	UTILIQUEST LLC	Inv# 331317-Q	1/14-20 screen/mark pipes	\$66.71		
116899	2024-02-21	UTILIQUEST LLC	Inv# 331317-Q	1/14-20 screen/mark pipes	\$11.04		
		<b>Total for Check:</b> 116899				\$1,555.10	\$70,762.00
116900	2024-02-21	VANDERMOST CONSULTING SERVICES, INC.	Inv# 24109	Thru 12/31 wo#4 Prado B.Ripari	\$1,552.75		
116900	2024-02-21	VANDERMOST CONSULTING SERVICES, INC.	Inv# 24110	Thru 12/31 wo#5 on call	\$835.25		
		<b>Total for Check:</b> 116900				\$2,388.00	\$17,477.40
116901	2024-02-21	WARDEN & SONS, GUY L.	Inv# 0300423-IN	Armstrong VERIS Annubar SC-656	\$10,687.95		
116901	2024-02-21	WARDEN & SONS, GUY L.	Inv# 0300423-IN	Freight	\$39.60		
		<b>Total for Check:</b> 116901				\$10,727.55	\$10,727.55

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 13

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116902	2024-02-21	WELLINGTON LABORATORIES LLC	Inv# 24-0263	SUPPLIES	\$1,300.00		
116902	2024-02-21	WELLINGTON LABORATORIES LLC	Inv# 24-0263	SUPPLIES	\$1,150.00		
116902	2024-02-21	WELLINGTON LABORATORIES LLC	Inv# 24-0263	Air Freight	\$175.00		
<b>Total for Check:</b>		116902				<b>\$2,625.00</b>	<b>\$42,075.00</b>
116903	2024-02-21	WEST COAST GASKET COMPANY	Inv# 136590	Generated by reorder 1/11/24 1	\$489.38		
116903	2024-02-21	WEST COAST GASKET COMPANY	Inv# 136590	Freight	\$16.05		
<b>Total for Check:</b>		116903				<b>\$505.43</b>	<b>\$505.43</b>
116904	2024-02-21	WHITE CAP, L.P.	Inv# 50025256873	R23025 Ceiling insulation	\$2,916.15		
116904	2024-02-21	WHITE CAP, L.P.	Inv# 50025256873	R23025 Ceiling insulation	\$350.18		
<b>Total for Check:</b>		116904				<b>\$3,266.33</b>	<b>\$4,079.19</b>
116905	2024-02-21	YORKE ENGINEERING LLC	Inv# 36969	Dec23 svc	\$4,641.25		
<b>Total for Check:</b>		116905				<b>\$4,641.25</b>	<b>\$12,677.00</b>
116906	2024-02-21	ZARETSKY ENGINEERING SOLUTIONS	Inv# 3291	Cost Associated Phoenix Contro	\$470.00		
<b>Total for Check:</b>		116906				<b>\$470.00</b>	<b>\$1,420.00</b>
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933303	2/5 4824 gal s.hypochlorite	\$8,306.45		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933303	discount	(\$166.13)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933304	2/5 4909 gal s.hypochlorite	\$8,452.81		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933304	discount	(\$169.06)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933305	2/5 4976 gal s.hypochlorite	\$8,568.17		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933305	discount	(\$171.36)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933306	2/5 4990 gal s.hypochlorite	\$8,592.28		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933306	discount	(\$171.85)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933385	2/6 4614 gal s.hypochlorite	\$7,944.85		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933385	discount	(\$158.90)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933386	2/6 4838 gal s.hypochlorite	\$8,330.55		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933386	discount	(\$166.61)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933387	2/6 4752 gal s.hypochlorite	\$8,182.47		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933387	discount	(\$163.65)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933388	2/6 4947 gal s.hypochlorite	\$8,518.24		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933388	discount	(\$170.36)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933581	2/8 4947 gal s.hypochlorite	\$8,518.24		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933581	discount	(\$170.36)		

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 14

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933582	2/8 4954 gal s.hypochlorite	\$8,530.29		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933582	discount	(\$170.61)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933583	2/8 4980 gal s.hypochlorite	\$8,575.06		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933583	discount	(\$171.50)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933584	2/8 4994 gal s.hypochlorite	\$8,599.17		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933584	discount	(\$171.98)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933681	2/9 4903 gal s.hypochlorite	\$8,442.48		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933681	discount	(\$168.85)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933682	2/9 4956 gal s.hypochlorite	\$8,533.74		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933682	discount	(\$170.67)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933683	2/9 4998 gal s.hypochlorite	\$8,606.06		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933683	discount	(\$172.12)		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933684	2/9 4535 gal s.hypochlorite	\$7,808.82		
978331	2024-02-15	JCI JONES CHEMICAL, INC	Inv# 933684	discount	(\$156.18)		
<b>Total for Check:</b> 978331					<b>\$131,819.49</b>	<b>\$797,799.67</b>	
978332	2024-02-15	BOOKY OREN GLOBAL WATER TECHNOLOGIES LTD	Inv# 01/0000064	Jan24 operation efficiency stu	\$7,500.00		
<b>Total for Check:</b> 978332					<b>\$7,500.00</b>	<b>\$60,000.00</b>	
978333	2024-02-20	WELLS FARGO BANK	Inv# FEBRUARY 21,24 #6527	Feb.21,24 PR#4 #6527	\$43,904.66		
<b>Total for Check:</b> 978333					<b>\$43,904.66</b>	<b>\$16,306,976.31</b>	
978334	2024-02-20	WELLS FARGO BANK	Inv# FEBRUARY 21, 24 #6911	Feb. 21,24 PR#4 #6911	\$924,771.36		
<b>Total for Check:</b> 978334					<b>\$924,771.36</b>	<b>\$16,306,976.31</b>	
978335	2024-02-20	WELLS FARGO BANK	Inv# FEBRUARY 21,24 GARNABF GARNABF	Feb.21,24 PR#04	\$2,159.53		
<b>Total for Check:</b> 978335					<b>\$2,159.53</b>	<b>\$16,306,976.31</b>	
978336	2024-02-21	FIDELITY INVESTMENTS	Inv# FEBRUARY 21, 24 401A	Feb.21,24 PR#04 401a	\$240,584.12		
<b>Total for Check:</b> 978336					<b>\$240,584.12</b>	<b>\$1,898,986.70</b>	
978337	2024-02-21	FIDELITY INVESTMENTS	Inv# FEBRUARY 21, 24 457B	Feb.21,24 PR#04 457b	\$94,485.50		
978337	2024-02-21	FIDELITY INVESTMENTS	Inv# FEBRUARY 7, 24 457B	Void CK#116642	(\$0.33)		
978337	2024-02-21	FIDELITY INVESTMENTS	Inv# FEBRUARY7, 2024 457B	Feb 7, 24 PR#3 457b	\$0.33		
<b>Total for Check:</b> 978337					<b>\$94,485.50</b>	<b>\$806,842.97</b>	
<b>Run Date:</b> 2/21/2024					<b>\$4,925,612.66</b>	<b>\$4,925,612.66</b>	

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 1

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116687	2024-02-07	SAN DIEGO FLUID SYSTEM TECHNOLIGIES	Inv# 99286	Freight 1/4in Metering Valves - Resear	(\$18.67) (\$944.82)		
		<b>Total for Check:</b> 116687					(\$963.49) \$5,071.97
116907	2024-02-28	ACCO ENGINEERED SYSTEMS	Inv# 20511579	Feb24 HVAC maintenance	\$8,423.00		
		<b>Total for Check:</b> 116907				\$8,423.00	\$188,552.82
116908	2024-02-28	AIR SITES 2000 LLC	Inv# 19382	Site lease for repeater and an	\$450.00		
		<b>Total for Check:</b> 116908				\$450.00	\$3,622.50
116909	2024-02-28	ALTERNATIVE HOSE, INC.	Inv# 6074261	BPO HOSES	\$538.75		
116909	2024-02-28	ALTERNATIVE HOSE, INC.	Inv# 6074261	BPO HOSES	\$9.02		
		<b>Total for Check:</b> 116909				\$547.77	\$2,502.68
116910	2024-02-28	AMAZON CAPITAL SERVICES, INC	Inv# 116R-N6RT-16NV	Plant Web Optics Server Accs.	\$236.80		
116910	2024-02-28	AMAZON CAPITAL SERVICES, INC	Inv# 116R-N6RT-16NV	Plant Web Optics Server Accs.	\$76.11		
116910	2024-02-28	AMAZON CAPITAL SERVICES, INC	Inv# 1C7Q-QNYR-VDLT	Plant Web Optics Server Accs.	\$85.54		
116910	2024-02-28	AMAZON CAPITAL SERVICES, INC	Inv# 1GGT-TW1G-PYG6	MONITOR FOR ESMER'S	\$210.10		
116910	2024-02-28	AMAZON CAPITAL SERVICES, INC	Inv# 1GGT-TW1G-PYG6	WORKSTATIO	\$5.00		
116910	2024-02-28	AMAZON CAPITAL SERVICES, INC	Inv# 1Q9Y-XH9K-C1L4	Other	\$9.59		
116910	2024-02-28	AMAZON CAPITAL SERVICES, INC	Inv# 1Q9Y-XH9K-C1L4	COMPUTER CABLE	\$7.53		
116910	2024-02-28	AMAZON CAPITAL SERVICES, INC	Inv# 1Q9Y-XH9K-C1L4	Shipping	\$235.91		
116910	2024-02-28	AMAZON CAPITAL SERVICES, INC	Inv# 1RL1-YYNJ-JH6W	RAIN GEAR	\$12.82		
		<b>Total for Check:</b> 116910				\$879.40	\$32,278.42
116911	2024-02-28	AMAZON WEB SERVICES INC	Inv# 1573248793	R&D CLOUD ACCOUNT	\$64.32		
		<b>Total for Check:</b> 116911				\$64.32	\$2,150.94
116912	2024-02-28	AMERICAN JETTING SERVICES	Inv# 65166	JETTING FHQ SEWER BLOCKAGE	\$800.00		
		<b>Total for Check:</b> 116912				\$800.00	\$800.00
116913	2024-02-28	AMERICAN WATER CHEMICAL, INC	Inv# 52229851	RO Cleaning Chemicals	\$37,096.80		
116913	2024-02-28	AMERICAN WATER CHEMICAL, INC	Inv# 52229851	RO Cleaning Chemicals	\$7,134.00		
		<b>Total for Check:</b> 116913				\$44,230.80	\$1,304,231.00
116914	2024-02-28	ANAHEIM, CITY OF	Inv# 0110200001_20240215		\$18.26		
116914	2024-02-28	ANAHEIM, CITY OF	Inv# 0110202302_20240118		\$13.40		
116914	2024-02-28	ANAHEIM, CITY OF	Inv# 0151869000_20240215	01.16.24-02.13.24	\$44.14		

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 2

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116914	2024-02-28	ANAHEIM, CITY OF	Inv# 0151942300_20240215		\$35.96		
		<b>Total for Check:</b>	116914				\$111.76 \$285,256.01
116915	2024-02-28	AQUAPHOENIX SCIENTIFIC, LLC	Inv# CI24009823	research center supplies	\$167.56		
116915	2024-02-28	AQUAPHOENIX SCIENTIFIC, LLC	Inv# CI24009823	Shipping	\$31.03		
		<b>Total for Check:</b>	116915				\$198.59 \$198.59
116916	2024-02-28	AT & T	Inv# 714 974 3616_20240211	02/11/24 - 03/10/24	\$85.83		
		<b>Total for Check:</b>	116916				\$85.83 \$24,242.69
116917	2024-02-28	B & M LAWN & GARDEN CENTER	Inv# 627360	BPO LANDSCAPING SUPPLIES	\$48.58		
116917	2024-02-28	B & M LAWN & GARDEN CENTER	Inv# 627364	Generated by reorder 1/24/24 1	\$137.14		
		<b>Total for Check:</b>	116917				\$185.72 \$2,875.66
116918	2024-02-28	BAY CITY ELECTRIC WORKS	Inv# SOP346358	shipping	\$35.00		
116918	2024-02-28	BAY CITY ELECTRIC WORKS	Inv# SOP346358	Five coves generator fuel pump	\$2.87		
116918	2024-02-28	BAY CITY ELECTRIC WORKS	Inv# SOP346358	Five coves generator fuel pump	\$268.46		
		<b>Total for Check:</b>	116918				\$306.33 \$2,139.93
116919	2024-02-28	BC WIRE ROPE & RIGGING	Inv# 0378152-IN	BPO RIGGING SUPPLIES	\$104.52		
		<b>Total for Check:</b>	116919				\$104.52 \$13,126.03
116920	2024-02-28	BOOT BARN INC.	Inv# INV00340762	BPO BOOT BARN	\$200.00		
		<b>Total for Check:</b>	116920				\$200.00 \$5,620.52
116921	2024-02-28	BOTTOMLINE TECHNOLOGIES	Inv# USINV-112761	Assistance with JD Edwards	\$1,694.00		
		<b>Total for Check:</b>	116921				\$1,694.00 \$23,227.87
116922	2024-02-28	BPS SUPPLY GROUP	Inv# S3097822.001	Cage Items for Maintenance Dep	\$1,018.93		
116922	2024-02-28	BPS SUPPLY GROUP	Inv# S3097822.001	Shipping	\$24.82		
116922	2024-02-28	BPS SUPPLY GROUP	Inv# S3097822.001	Handling	\$4.33		
116922	2024-02-28	BPS SUPPLY GROUP	Inv# S3097822.001	Discount	(\$18.74)		
		<b>Total for Check:</b>	116922				\$1,029.34 \$16,596.08
116923	2024-02-28	BRENNNTAG PACIFIC INC.	Inv# BPI410310	2/14 11.4613 ton caustic soda	\$8,425.78		
116923	2024-02-28	BRENNNTAG PACIFIC INC.	Inv# BPI410310	discount	(\$168.52)		
116923	2024-02-28	BRENNNTAG PACIFIC INC.	Inv# BPI410641	2/21 20.46 ton citric acid	\$27,011.81		
116923	2024-02-28	BRENNNTAG PACIFIC INC.	Inv# BPI410641	discount	(\$540.24)		
116923	2024-02-28	BRENNNTAG PACIFIC INC.	Inv# BPI411380	2/22 21.88 ton H.Peroxide	\$10,940.00		
116923	2024-02-28	BRENNNTAG PACIFIC INC.	Inv# BPI411380	discount	(\$218.80)		
		<b>Total for Check:</b>	116923				\$45,450.03 \$1,594,378.45

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 3

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116924	2024-02-28	BUTIER ENGINEERING, INC.	Inv# OCWD 1558 002 const.mg	Jan24 TUS-2022-1 PFAS	\$43,297.50		
		<b>Total for Check:</b> 116924				\$43,297.50	\$49,147.50
116925	2024-02-28	CALIAGUA INC	Inv# 12	Prog.Pmt#12 TUS-2022-1	\$337,725.00		
116925	2024-02-28	CALIAGUA INC	Inv# PROGRESS BILLING #05 ORA-2022-1	Prog.Pmt#5	\$190,665.00		
		<b>Total for Check:</b> 116925				\$528,390.00	\$8,082,117.40
116926	2024-02-28	PACIFIC PREMIER BANK	Inv# ESC 20230117-2773 RET#12 TUS-2022-1	Ret#12 Caliagua	\$17,775.00		
		<b>Total for Check:</b> 116926				\$17,775.00	\$348,224.60
116927	2024-02-28	PACIFIC PREMIER BANK	Inv# ESC 20231011-7499 RET#5 ORA-2022-1	Ret#5 Caliagua	\$10,035.00		
		<b>Total for Check:</b> 116927				\$10,035.00	\$77,150.00
116928	2024-02-28	CALTROL INC.	Inv# CD99194516	Caltrol Barracuda Networks Ren	\$1,103.81		
		<b>Total for Check:</b> 116928				\$1,103.81	\$170,404.60
116929	2024-02-28	CAMBRIDGE ISOTOPE LABORATORIES	Inv# SI-00005559	SUPPLIES	\$456.75		
116929	2024-02-28	CAMBRIDGE ISOTOPE LABORATORIES	Inv# SI-00005559	Shipping	\$55.71		
		<b>Total for Check:</b> 116929				\$512.46	\$10,976.63
116930	2024-02-28	CDM SMITH, INC.	Inv# 90197626	12/17-22 PFAS EOCWD wo#1	\$11,823.66		
116930	2024-02-28	CDM SMITH, INC.	Inv# 90197626	12/17-22 PFAS EOCWD wo#1	\$829.32		
		<b>Total for Check:</b> 116930				\$12,652.98	\$530,789.90
116931	2024-02-28	CITY OF GARDEN GROVE	Inv# WELL19 OCWD #003	PFAS reimbursement #003	\$952.50		
		<b>Total for Check:</b> 116931				\$952.50	\$5,956.50
116932	2024-02-28	COLE-PARMER INSTRUMENT CO.	Inv# 3646397	SUPPLIES	\$84.85		
116932	2024-02-28	COLE-PARMER INSTRUMENT CO.	Inv# 3646397		\$4.43		
		<b>Total for Check:</b> 116932				\$89.28	\$762.57
116933	2024-02-28	COMPSYCH CORPORATION	Inv# 24014911	ComPsych new EAP Vendor	\$1,512.00		
		<b>Total for Check:</b> 116933				\$1,512.00	\$1,512.00
116934	2024-02-28	CONSTELLATION NEWENERGY INC.	Inv# 67589960001		\$1,704,838.72		
		<b>Total for Check:</b> 116934				\$1,704,838.72	\$12,646,439.61
116935	2024-02-28	CORPORATE IMAGE MAINTENANCE	Inv# 37310	1095	\$1,696.42		

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 4

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116935	2024-02-28	CORPORATE IMAGE MAINTENANCE	Inv# 37310	1095	\$13,999.14		
116935	2024-02-28	CORPORATE IMAGE MAINTENANCE	Inv# 37310	1095	\$247.44		
<b>Total for Check:</b> 116935						\$15,943.00	\$140,586.00
116936	2024-02-28	CUMMINS CAL PACIFIC LLC.	Inv# X9-25944	Load Test Diesel Generators	\$2,096.00		
<b>Total for Check:</b> 116936						\$2,096.00	\$47,619.97
116937	2024-02-28	CWEA	Inv# MEMB RENEWAL RAY HERNANDE HERNANDEZ MEMB RENEWAL	RAY	\$221.00		
<b>Total for Check:</b> 116937						\$221.00	\$4,995.00
116938	2024-02-28	DAYFORCE US, INC.	Inv# IN1116909		\$50.00		
<b>Total for Check:</b> 116938						\$50.00	\$500.00
116939	2024-02-28	Doplito, Pete	Inv# FEB 16-21, 2024 EXPENSES	2/16-21/24 expenses	\$513.32		
<b>Total for Check:</b> 116939						\$513.32	\$3,041.18
116940	2024-02-28	EDELSTEIN GILBERT ROBSON AND SMITH	Inv# 1613	Jan24 legis.support/SACTO	\$8,000.00		
<b>Total for Check:</b> 116940						\$8,000.00	\$64,000.00
116941	2024-02-28	ELECTRICAL RELIABILITY SERVICES INC.	Inv# 51087874	Labor Troubleshoot OCWD 640 MC	\$1,755.00		
<b>Total for Check:</b> 116941						\$1,755.00	\$63,620.00
116942	2024-02-28	ELEMENTAL SCIENTIFIC, INC	Inv# ESI165648	SUPPLIES	\$391.50		
116942	2024-02-28	ELEMENTAL SCIENTIFIC, INC	Inv# ESI165648	Shipping	\$15.00		
<b>Total for Check:</b> 116942						\$406.50	\$4,335.50
116943	2024-02-28	ENGINEERING ANALYTICS, INC	Inv# 24-0040	Thru 1/26 South Basin FS	\$216.30		
<b>Total for Check:</b> 116943						\$216.30	\$1,154.12
116944	2024-02-28	ENS RESOURCES, INC.	Inv# 3501	Jan24 legis.support/D.C.	\$9,243.25		
<b>Total for Check:</b> 116944						\$9,243.25	\$65,381.14
116945	2024-02-28	EUROFINS ENVIRONMENT TESTING SW LLC	Inv# 5700165539	BPO WATER ANALYSES	\$152.50		
<b>Total for Check:</b> 116945						\$152.50	\$4,127.50
116946	2024-02-28	FACTORY MOTOR PARTS	Inv# 101-469762	BPO AUTO PARTS	\$8.96		
116946	2024-02-28	FACTORY MOTOR PARTS	Inv# 11-1979962	BPO AUTO PARTS	\$9.46		
116946	2024-02-28	FACTORY MOTOR PARTS	Inv# 164-313928	BPO AUTO PARTS	\$21.79		
116946	2024-02-28	FACTORY MOTOR PARTS	Inv# 164-314186	BPO AUTO PARTS	\$80.00		

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 5

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
		<b>Total for Check:</b> 116946				\$120.21	\$10,794.16
116947	2024-02-28	FEDERAL EXPRESS CORPORATION	Inv# 2-246-91341	Waterloo Package	\$128.62		
116947	2024-02-28	FEDERAL EXPRESS CORPORATION	Inv# 8-411-52135	Package Delivery	\$122.34		
116947	2024-02-28	FEDERAL EXPRESS CORPORATION	Inv# 8-411-52136	Package Delivery	\$8.99		
116947	2024-02-28	FEDERAL EXPRESS CORPORATION	Inv# 8-417-92464	Package Delivery	\$155.46		
116947	2024-02-28	FEDERAL EXPRESS CORPORATION	Inv# 8-417-92465	Package Delivery	\$105.13		
		<b>Total for Check:</b> 116947				\$520.54	\$12,683.17
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 8641827	SUPPLIES	\$94.11		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 8641827	SUPPLIES	\$72.58		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 8641827	SUPPLIES	\$54.12		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 8794193	Generated by reorder 11/28/23	\$3,456.42		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 8794193	Generated by reorder 11/28/23	\$181.93		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 8794193	Shipping-Fuel	\$7.45		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 9116728	SUPPLIES	\$415.97		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 9116728	Shipping-Fuel	\$7.45		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 9116729	SUPPLIES	\$540.31		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 9116729	Shipping-Fuel	\$7.45		
116949	2024-02-28	FISHER SCIENTIFIC CO.	Inv# 9218529	SUPPLIES	\$852.11		
		<b>Total for Check:</b> 116949				\$5,689.90	\$151,354.89
116950	2024-02-28	FLW INC.	Inv# 1326830	Generated by reorder 1/25/24 6	\$1,574.70		
116950	2024-02-28	FLW INC.	Inv# 1326830	Freight	\$5.14		
116950	2024-02-28	FLW INC.	Inv# 1326830	Discount	(\$28.96)		
		<b>Total for Check:</b> 116950				\$1,550.88	\$1,846.40
116951	2024-02-28	FOUNTAIN VALLEY, CITY OF	Inv# 8157-237000-12		\$1,355.72		
		<b>Total for Check:</b> 116951				\$1,355.72	\$183,247.88
116952	2024-02-28	FRONTIER COMMUNICATIONS	Inv# 213-002-8985_20240207	02/07/24-03/06/24	\$45.47		
		<b>Total for Check:</b> 116952				\$45.47	\$33,897.33
116953	2024-02-28	FRONTIER COMMUNICATIONS	Inv# 714-274-0393_20240207	02/07/24-03/06/24	\$1,258.30		
		<b>Total for Check:</b> 116953				\$1,258.30	\$33,897.33

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 6

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116954	2024-02-28	Field, David M.	Inv# 2024 GEOLOGIST LICENSE license renew	2/24/24 geolgist	\$180.00		
		<b>Total for Check:</b> 116954				\$180.00	\$470.34
116955	2024-02-28	GRAINGER INC.	Inv# 9962982360	BPO INDUSTRIAL SUPPLIES	\$60.58		
116955	2024-02-28	GRAINGER INC.	Inv# 9964322474	research center supplies	\$23.16		
116955	2024-02-28	GRAINGER INC.	Inv# 9964446216	BPO INDUSTRIAL SUPPLIES	\$295.32		
116955	2024-02-28	GRAINGER INC.	Inv# 9964580956	BPO INDUSTRIAL SUPPLIES	\$183.55		
116955	2024-02-28	GRAINGER INC.	Inv# 9965516447	Generated by reorder 1/16/24 2	\$114.19		
		<b>Total for Check:</b> 116955				\$676.80	\$134,780.78
116956	2024-02-28	GRAYBAR ELECTRIC COMPANY, INC.	Inv# 9336045166	Phoenix AI Controller For I-We	\$2,357.10		
116956	2024-02-28	GRAYBAR ELECTRIC COMPANY, INC.	Inv# 9336045166	Freight	\$14.82		
116956	2024-02-28	GRAYBAR ELECTRIC COMPANY, INC.	Inv# 9336045166	Handling	\$5.44		
116956	2024-02-28	GRAYBAR ELECTRIC COMPANY, INC.	Inv# 9336045166	Discount	(\$21.67)		
		<b>Total for Check:</b> 116956				\$2,355.69	\$17,694.76
116957	2024-02-28	HABITAT WEST	Inv# 91082	Jan24 Prado Dam PD-Duck	\$2,983.68		
116957	2024-02-28	HABITAT WEST	Inv# 91101	1/24 on call agmt #1542	\$2,966.50		
		<b>Total for Check:</b> 116957				\$5,950.18	\$144,085.93
116958	2024-02-28	HACH COMPANY	Inv# 13899740	SUPPLIES	\$1,360.46		
116958	2024-02-28	HACH COMPANY	Inv# 13899740	Handling Fee	\$8.71		
		<b>Total for Check:</b> 116958				\$1,369.17	\$86,995.94
116959	2024-02-28	HAMILTON COMPANY	Inv# CN-013994	Credit INV#185981	(\$822.70)		
116959	2024-02-28	HAMILTON COMPANY	Inv# INV-198485	SUPPLIES	\$1,109.25		
116959	2024-02-28	HAMILTON COMPANY	Inv# INV-198485	FRT&Handling	\$14.45		
116959	2024-02-28	HAMILTON COMPANY	Inv# INV-198963	SUPPLIES	\$1,347.42		
116959	2024-02-28	HAMILTON COMPANY	Inv# INV-198963	Frt&Handling	\$32.91		
		<b>Total for Check:</b> 116959				\$1,681.33	\$9,775.67
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 0023466	BPO INDUSTRIAL SUPPLIES	\$75.05		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 0130093512603	BPO INDUSTRIAL SUPPLIES	\$110.89		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 3123146	Tools for Westbay installation	\$32.59		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 3512603	BPO INDUSTRIAL SUPPLIES	\$110.89		

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 7

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 3922163	Tools for Westbay installation	\$292.53		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 3922163	Tools for Westbay installation	\$28.24		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 3922163	Tools for Westbay installation	\$20.63		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 3922163	Tools for Westbay installation	\$9.05		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 4904330	Tools for Westbay installation	\$108.71		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 4904330	Curb Delivery	\$9.77		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 8110784	BPO INDUSTRIAL SUPPLIES	\$142.82		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 8110784	BPO INDUSTRIAL SUPPLIES	\$49.50		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 3922163	Tools for Westbay installation	\$32.59		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 3922163	Tools for Westbay installation	\$80.01		
116961	2024-02-28	HOME DEPOT CREDIT SERVICES	Inv# 3922163	Tools for Westbay installation	\$33.64		
<b>Total for Check:</b> 116961					\$1,136.91	\$23,895.78	
116962	2024-02-28	IBM CORPORATION	Inv# 4354280	Renew IBM Websphere for JDE	\$1,904.00		
<b>Total for Check:</b> 116962					\$1,904.00	\$1,904.00	
116963	2024-02-28	IDEXX LABORATORIES, INC.	Inv# 3145017993	SUPPLIES	\$22.84		
116963	2024-02-28	IDEXX LABORATORIES, INC.	Inv# 3145017993	Shipping	\$5.80		
<b>Total for Check:</b> 116963					\$28.64	\$7,933.09	
116964	2024-02-28	IRVINE PIPE & SUPPLY CO	Inv# S117237935.001	Generated by reorder 1/16/24 2	\$1,861.69		
116964	2024-02-28	IRVINE PIPE & SUPPLY CO	Inv# S117237935.001	S&H	\$27.19		
116964	2024-02-28	IRVINE PIPE & SUPPLY CO	Inv# S117237935.001	Discount	(\$34.24)		
<b>Total for Check:</b> 116964					\$1,854.64	\$71,439.52	
116965	2024-02-28	JACOBS ENGINEERING GROUP, INC.	Inv# W9Y31902-13	11/1-2/2 PFAS GSWC wo#2	\$20,833.50		
<b>Total for Check:</b> 116965					\$20,833.50	\$608,621.49	
116966	2024-02-28	JOE A. GONZALVES AND SON	Inv# 161372	Feb24 legis.support/SACTO	\$8,000.00		
<b>Total for Check:</b> 116966					\$8,000.00	\$64,000.00	
116967	2024-02-28	KDC SYSTEMS	Inv# 35404	FHQ Quarterly SCADA Maintenanc	\$2,830.00		
116967	2024-02-28	KDC SYSTEMS	Inv# 35431	1551	\$46,566.92		
<b>Total for Check:</b> 116967					\$49,396.92	\$205,750.24	
116968	2024-02-28	KENNEDY/JENKS CONSULTANTS, INC.	Inv# 169314	Thru 1/26 PFAS Orange wo#2	\$22,726.25		
<b>Total for Check:</b> 116968					\$22,726.25	\$180,158.75	

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 8

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116969	2024-02-28	KONICA MINOLTA BUSINESS SOLUTIONS USA IN	Inv# 291830992	BPO COPY CHARGES	\$26.00		
		<b>Total for Check:</b> 116969				\$26.00	\$427.58
116970	2024-02-28	LHOIST NORTH AMERICA	Inv# 1102401736	1/28 (2) lime 26.74 & 26 tons	\$21,517.92		
		<b>Total for Check:</b> 116970				\$21,517.92	\$1,128,625.91
116971	2024-02-28	LIEBERT CASSIDY WHITMORE	Inv# 259477	Harassment Prevention Training	\$2,950.00		
		<b>Total for Check:</b> 116971				\$2,950.00	\$15,174.00
116972	2024-02-28	LILLESTRAND LEADERSHIP CONSULTING	Inv# 7947	1/18 thru 1/31 leadership	\$3,171.88		
		<b>Total for Check:</b> 116972				\$3,171.88	\$25,975.62
116973	2024-02-28	MARCO TRANSPORT, INC	Inv# 287910	Scraper transport (Anaheim to	\$2,087.50		
		<b>Total for Check:</b> 116973				\$2,087.50	\$2,787.50
116974	2024-02-28	MCMASTER-CARR SUPPLY COMPANY	Inv# 22022821	BPO INDUSTRIAL SUPPLIES	\$19.96		
116974	2024-02-28	MCMASTER-CARR SUPPLY COMPANY	Inv# 22022821	Shipping	\$8.59		
116974	2024-02-28	MCMASTER-CARR SUPPLY COMPANY	Inv# 22022821	Discount	(\$0.40)		
116974	2024-02-28	MCMASTER-CARR SUPPLY COMPANY	Inv# 22174949	RESEARCH CENTER- DON S.	\$195.48		
116974	2024-02-28	MCMASTER-CARR SUPPLY COMPANY	Inv# 22174949	RESEARCH CENTER- DON S.	\$57.64		
116974	2024-02-28	MCMASTER-CARR SUPPLY COMPANY	Inv# 22174949	Shipping	\$9.94		
116974	2024-02-28	MCMASTER-CARR SUPPLY COMPANY	Inv# 22174949	Discount	(\$5.06)		
		<b>Total for Check:</b> 116974				\$286.15	\$19,716.58
116975	2024-02-28	MICRO MOTION, INC.	Inv# 40775600	Rosemount 8705 Flanged Meg Flo	\$3,748.61		
116975	2024-02-28	MICRO MOTION, INC.	Inv# 40775600	Frt&Handling	\$159.90		
116975	2024-02-28	MICRO MOTION, INC.	Inv# 40775881	Generated by reorder 1/9/24 1:	\$2,463.51		
116975	2024-02-28	MICRO MOTION, INC.	Inv# 40775881	Frt&Handling	\$6.39		
116975	2024-02-28	MICRO MOTION, INC.	Inv# 40775600	Rosemount 8705 Flanged Meg Flo	\$6,669.92		
		<b>Total for Check:</b> 116975				\$13,048.33	\$100,070.88
116976	2024-02-28	MTM RECOGNITION CORP.	Inv# 6185636	Service Awards	\$228.27		
		<b>Total for Check:</b> 116976				\$228.27	\$228.27

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 9

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 691470	Credit INV#672387,683295	(\$78.12)		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 698726	BPO AUTO PARTS	\$69.57		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 698726	Discount	(\$1.39)		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 699119	BPO AUTO PARTS	\$43.47		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 699119	Discount	(\$0.87)		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 699422	BPO AUTO PARTS	\$6.51		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 699422	Discount	(\$0.13)		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 699700	BPO AUTO PARTS	\$36.69		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 699700	Discount	(\$0.73)		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 700162	BPO AUTO PARTS	\$51.09		
116978	2024-02-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 700162	Discount	(\$1.02)		
<b>Total for Check:</b> 116978					\$125.07	\$3,027.02	
116979	2024-02-28	NORTHERN SAFETY COMPANY	Inv# 906009238		\$132.49		
<b>Total for Check:</b> 116979					\$132.49	\$9,556.92	
116980	2024-02-28	ODP BUSINESS SOLUTIONS LLC	Inv# 353558515001	SUPPLIES	\$339.74		
<b>Total for Check:</b> 116980					\$339.74	\$3,819.75	
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7387166.001	HOLOPHANE PXHW Petrolux LED	\$5,907.47		
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7387166.001	Hi			
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7387166.001	Discount	(\$54.32)		
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7405997.001	OCAL 1/2 inch ST Conduit Seal	\$757.90		
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7405997.001	Discount	(\$6.97)		
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7406339.001	Allen-Bradley 1492-H6 4mm Fuse	\$955.59		
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7406339.001	Discount	(\$8.79)		
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7407414.001	ELECTRICAL SUPPLIES	\$161.99		
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7407414.001	S&H	\$9.25		

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 10

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116981	2024-02-28	ONESOURCE DISTRIBUTORS INC.	Inv# S7407414.001	Discount	(\$1.49)		
		<b>Total for Check:</b>	116981			\$7,720.63	\$154,627.36
116982	2024-02-28	PACIFIC OFFICE AUTOMATION	Inv# 020401	BPO KONICA SERVICE	\$312.09		
		<b>Total for Check:</b>	116982			\$312.09	\$2,334.10
116983	2024-02-28	PACWEST SECURITY SERVICES	Inv# 0C36446	Feb24 security service	\$34,369.07		
		<b>Total for Check:</b>	116983			\$34,369.07	\$277,154.52
116984	2024-02-28	PASCAL & LUDWIG CONSTRUCTORS, INC.	Inv# 23060	Prog.Pmt#24 EOCWD-2021-1	\$38,640.30		
116984	2024-02-28	PASCAL & LUDWIG CONSTRUCTORS, INC.	Inv# 23060	Prog.Pmt#24 EOCWD-2021-1	\$14,970.10		
116984	2024-02-28	PASCAL & LUDWIG CONSTRUCTORS, INC.	Inv# 23060	Prog.Pmt#24 EOCWD-2021-1	\$11,875.00		
116984	2024-02-28	PASCAL & LUDWIG CONSTRUCTORS, INC.	Inv# 23060	Prog.Pmt#24 EOCWD-2021-1	\$1,680.07		
		<b>Total for Check:</b>	116984			\$67,165.47	\$1,146,814.02
116985	2024-02-28	CITIZENS BUSINESS BANK OR PASCAL&LUDWIG	Inv# ESC 131105533 RET#24 EOCWD2021	Ret#24 Pascal-Ludwig	\$2,033.70		
116985	2024-02-28	CITIZENS BUSINESS BANK OR PASCAL&LUDWIG	Inv# ESC 131105533 RET#24 EOCWD2021	Ret#24 Pascal-Ludwig	\$787.90		
116985	2024-02-28	CITIZENS BUSINESS BANK OR PASCAL&LUDWIG	Inv# ESC 131105533 RET#24 EOCWD2021	Ret#24 Pascal-Ludwig	\$625.00		
116985	2024-02-28	CITIZENS BUSINESS BANK OR PASCAL&LUDWIG	Inv# ESC 131105533 RET#24 EOCWD2021	Ret#24 Pascal-Ludwig	\$88.43		
		<b>Total for Check:</b>	116985			\$3,535.03	\$60,358.64
116986	2024-02-28	PHENOVA INC	Inv# 201640	SUPPLIES	\$304.50		
116986	2024-02-28	PHENOVA INC	Inv# 201640	Fr&Handling	\$39.10		
		<b>Total for Check:</b>	116986			\$343.60	\$9,758.62
116987	2024-02-28	PLATINUM COMPUTER SUPPORT	Inv# 25484		\$193.03		
116987	2024-02-28	PLATINUM COMPUTER SUPPORT	Inv# 25484		\$162.58		
		<b>Total for Check:</b>	116987			\$355.61	\$26,516.96
116988	2024-02-28	PRECISION SOLUTIONS INTERNATIONAL LLC	Inv# 6173	Assistance with JD Edwards	\$6,122.50		
		<b>Total for Check:</b>	116988			\$6,122.50	\$16,437.50
116989	2024-02-28	QDOXS	Inv# IN57370	COPIER MAINTENANCE	\$675.42		
		<b>Total for Check:</b>	116989			\$675.42	\$3,863.80

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 11

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116990	2024-02-28	QUADIENT FINANCE USA, INC	Inv# 7900044080794138	01/28/24	\$2,000.00		
		<b>Total for Check:</b>	116990			\$2,000.00	\$6,125.34
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$2,766.01		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$1,659.63		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$1,659.62		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$597.75		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$236.62		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$225.73		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$119.23		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$92.93		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$55.52		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$54.20		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$47.50		
116992	2024-02-28	QUINN COMPANY	Inv# PC830418585	(R22017) TL-39 trunnion replac	\$22.45		
		<b>Total for Check:</b>	116992			\$7,537.19	\$2,081,816.71
116993	2024-02-28	RED WING SHOE CO. INC.	Inv# 192-1-152277	BPO WORK BOOTS	\$200.00		
116993	2024-02-28	RED WING SHOE CO. INC.	Inv# 793-1-49148	BPO WORK BOOTS	\$200.00		
116993	2024-02-28	RED WING SHOE CO. INC.	Inv# 856-1-58176	BPO WORK BOOTS	\$176.97		
		<b>Total for Check:</b>	116993			\$576.97	\$9,645.72
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$2,195.79		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$1,246.14		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$405.85		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$374.25		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$356.12		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$295.28		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$294.28		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$256.69		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$114.37		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$88.50		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$83.97		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$65.08		
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$49.57		

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 12

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
116995	2024-02-28	SC FUELS	Inv# 0830360	BPO UNLEADED FUEL FOR VEHICLES	\$38.63		
<b>Total for Check:</b> 116995						\$5,864.52	\$76,677.85
116996	2024-02-28	SEPARATION PROCESSES, INC.	Inv# 11042	Jan24 Ops support	\$4,425.00		
<b>Total for Check:</b> 116996						\$4,425.00	\$81,808.11
116997	2024-02-28	SOLTIS AND COMPANY, INC.	Inv# 8106	1258	\$4,503.58		
116997	2024-02-28	SOLTIS AND COMPANY, INC.	Inv# 8107	1258	\$3,000.00		
<b>Total for Check:</b> 116997						\$7,503.58	\$71,457.68
116998	2024-02-28	CHARTER COMMUNICATIONS	Inv# 0043285021324	02/22/24-03/21/24	\$3,481.65		
<b>Total for Check:</b> 116998						\$3,481.65	\$30,967.53
116999	2024-02-28	STAPLES ADVANTAGE	Inv# 3558131602	Generated by reorder 1/18/24 6	\$427.32		
116999	2024-02-28	STAPLES ADVANTAGE	Inv# 3558435862	Printer_Toner YN FOR RICHIE O	\$246.75		
116999	2024-02-28	STAPLES ADVANTAGE	Inv# 3558435862	Printer_Toner YN FOR RICHIE O	\$246.74		
116999	2024-02-28	STAPLES ADVANTAGE	Inv# 3558435862	Printer_Toner YN FOR RICHIE O	\$246.74		
116999	2024-02-28	STAPLES ADVANTAGE	Inv# 3558435862	Printer_Toner YN FOR RICHIE O	\$201.07		
116999	2024-02-28	STAPLES ADVANTAGE	Inv# 3558583961	Printer_Toner YN FOR RICHIE O	\$489.36		
<b>Total for Check:</b> 116999						\$1,857.98	\$21,293.53
117000	2024-02-28	SUNSTATE EQUIPMENT CO.	Inv# 12246035-001	R22020 Warehouse LED fixtures	\$321.48		
117000	2024-02-28	SUNSTATE EQUIPMENT CO.	Inv# 12246035-001	Protection Plan	\$42.19		
<b>Total for Check:</b> 117000						\$363.67	\$935.85
117001	2024-02-28	TANKNOLOGY, INC.	Inv# 1920040	TANK INSPECTIONS	\$213.00		
117001	2024-02-28	TANKNOLOGY, INC.	Inv# 1920040	TANK INSPECTIONS	\$3.00		
<b>Total for Check:</b> 117001						\$216.00	\$2,227.50
117002	2024-02-28	TIREHUB, LLC.	Inv# 39887802	BPO TIRES	\$528.62		
117002	2024-02-28	TIREHUB, LLC.	Inv# 39887802	CA Tire Fee	\$8.75		
<b>Total for Check:</b> 117002						\$537.37	\$3,405.91
117003	2024-02-28	TROPICAL PLAZA NURSERY, INC.	Inv# 2402	1255	\$4,321.83		
<b>Total for Check:</b> 117003						\$4,321.83	\$71,344.17
117004	2024-02-28	UNDERGROUND SERVICE ALERT	Inv# 120240492		\$741.50		
117004	2024-02-28	UNDERGROUND SERVICE ALERT	Inv# 23-2424359		\$302.06		
<b>Total for Check:</b> 117004						\$1,043.56	\$9,517.41
117005	2024-02-28	UNIFIRST CORPORATION	Inv# 2190121884	1557	\$7.36		
117005	2024-02-28	UNIFIRST CORPORATION	Inv# 2190121886	1557	\$269.37		
117005	2024-02-28	UNIFIRST CORPORATION	Inv# 2190121887	1557	\$28.05		

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 13

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
117005	2024-02-28	UNIFIRST CORPORATION	Inv# 2190121888	1557	\$519.59		
117005	2024-02-28	UNIFIRST CORPORATION	Inv# 2190121889	1557	\$65.41		
117005	2024-02-28	UNIFIRST CORPORATION	Inv# 2190121890	1557	\$20.49		
117005	2024-02-28	UNIFIRST CORPORATION	Inv# 2190121885	1557	\$70.40		
<b>Total for Check:</b> 117005						\$980.67	\$5,713.52
117006	2024-02-28	UNITED PARCEL SERVICE	Inv# 0000X81601084_20240224		\$82.58		
<b>Total for Check:</b> 117006						\$82.58	\$4,323.44
117007	2024-02-28	UNIVAR SOLUTIONS USA	Inv# 51880635	2/21 23.358 ton sulfuric acid	\$5,278.91		
117007	2024-02-28	UNIVAR SOLUTIONS USA	Inv# 51880635	discount	(\$105.58)		
<b>Total for Check:</b> 117007						\$5,173.33	\$500,096.09
117008	2024-02-28	UNIVERSITY OF CALIFORNIA, IRVINE	Inv# 22729546	Samples to UCI Genomics Hub	\$27.36		
<b>Total for Check:</b> 117008						\$27.36	\$27.36
117009	2024-02-28	UTILIQUEST LLC	Inv# 331480-Q	1/21-27 screen/mark pipes	\$1,048.92		
117009	2024-02-28	UTILIQUEST LLC	Inv# 331480-Q	1/21-27 screen/mark pipes	\$611.87		
117009	2024-02-28	UTILIQUEST LLC	Inv# 331480-Q	1/21-27 screen/mark pipes	\$75.00		
117009	2024-02-28	UTILIQUEST LLC	Inv# 331480-Q	1/21-27 screen/mark pipes	\$12.41		
<b>Total for Check:</b> 117009						\$1,748.20	\$72,510.20
117010	2024-02-28	VWR INTERNATIONAL LLC	Inv# 8815140606	LAB SUPPLIES	\$54.59		
117010	2024-02-28	VWR INTERNATIONAL LLC	Inv# 8815164206	Generated by reorder 1/11/24 1	\$4,562.28		
<b>Total for Check:</b> 117010						\$4,616.87	\$84,311.02
117011	2024-02-28	W. A. RASIC CONSTRUCTION COMPANY, INC.	Inv# 344867	10/23-1/14 wo#3 comm vault	\$391.23		
<b>Total for Check:</b> 117011						\$391.23	\$84,369.01
117012	2024-02-28	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124991536.001	BPO ELECTRONIC SUPPLIES	\$52.40		
117012	2024-02-28	WALTERS WHOLESALE ELECTRIC CO.	Inv# S124991536.001	Discount	(\$0.97)		
<b>Total for Check:</b> 117012						\$51.43	\$9,897.89
117013	2024-02-28	WATER QUALITY & TREATMENT SOLUTIONS INC	Inv# 24-3661	Thru 1/31 WRF PFAS TC	\$7,514.82		
117013	2024-02-28	WATER QUALITY & TREATMENT SOLUTIONS INC	Inv# 24-3661	Thru 1/31 WRF PFAS TC	\$2,866.64		
<b>Total for Check:</b> 117013						\$10,381.46	\$51,899.68

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 14

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
117014	2024-02-28	WATER REPLENISHMENT DISTRICT	Inv# 001-2310	Oct23 Alamitos 106.10 aft	\$143,016.44		
117014	2024-02-28	WATER REPLENISHMENT DISTRICT	Inv# 001-2311	Nov23 Alamitos 126.70 acft	\$170,791.05		
<b>Total for Check:</b> 117014						<b>\$313,807.49</b>	<b>\$1,344,852.57</b>
117015	2024-02-28	XYLEM WATER SOLUTIONS USA INC	Inv# 1059267	(R23018) IQ pipe flowmeter rep	\$10,758.84		
117015	2024-02-28	XYLEM WATER SOLUTIONS USA INC	Inv# 1059267	Shipping	\$20.00		
<b>Total for Check:</b> 117015						<b>\$10,778.84</b>	<b>\$10,778.84</b>
117016	2024-02-28	ZARETSKY ENGINEERING SOLUTIONS	Inv# 3333	Service Repair of Phoenix Cont	\$3,349.50		
117016	2024-02-28	ZARETSKY ENGINEERING SOLUTIONS	Inv# 3333	Service Repair of Phoenix Cont	\$1,500.00		
117016	2024-02-28	ZARETSKY ENGINEERING SOLUTIONS	Inv# 3333	Discount	(\$45.80)		
<b>Total for Check:</b> 117016						<b>\$4,803.70</b>	<b>\$6,223.70</b>
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933793	2/12 5000 gal s.hypochlorite	\$8,609.50		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933793	discount	(\$172.19)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933794	2/12 4945 gal s.hypochlorite	\$8,514.80		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933794	discount	(\$170.30)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933795	2/12 4865 gal s.hypochlorite	\$8,377.04		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933795	discount	(\$167.54)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933796	2/12 4956 gal s.hypochlorite	\$8,533.74		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933796	discount	(\$170.67)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933878	2/13 4964 gal s.hypochlorite	\$8,547.51		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933878	discount	(\$170.95)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933879	2/13 4949 gal s.hypochlorite	\$8,521.68		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933879	discount	(\$170.43)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933880	2/13 4915 gal s.hypochlorite	\$8,463.14		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933880	discount	(\$169.26)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933881	2/13 4950 gal s.hypochlorite	\$8,523.41		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 933881	discount	(\$170.47)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934086	2/15 4946 gal s.hypochlorite	\$8,516.52		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934086	discount	(\$170.33)		

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 15

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934087	2/15 4859 gal s.hypochlorite	\$8,366.71		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934087	discount	(\$167.33)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934088	2/15 5008 gal s.hypochlorite	\$8,623.28		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934088	discount	(\$172.47)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934089	2/15 4980 gal s.hypochlorite	\$8,575.06		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934089	discount	(\$171.50)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934189	2/16 4912 gal s.hypochlorite	\$8,457.97		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934189	discount	(\$169.16)		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934190	2/16 4949 gal s.hypochlorite	\$8,521.68		
978338	2024-02-22	JCI JONES CHEMICAL, INC	Inv# 934190	discount	(\$170.43)		
<b>Total for Check:</b> 978338						<b>\$116,769.01</b>	<b>\$914,568.68</b>
978339	2024-02-22	CALIFORNIA DEPARTMENT OF TAX & FEE ADMIN	Inv# 024-792532 Q1 #06010	Use Tax PP#1 QE 033124	\$1,091.00		
<b>Total for Check:</b> 978339						<b>\$1,091.00</b>	<b>\$23,816.00</b>
<i>Run Date:</i>	<i>2/27/2024</i>				<b>\$3,267,134.35</b>	<b>\$3,267,134.35</b>	

# Orange County Water District

## Check Register

Begin Date: 2024-02-01

End Date: 2024-02-07

Page: 1

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
803819	2024-02-07	ALTA FOODCRAFT	Inv# 12402336	BPO FIRST AID SUPPLIES	\$1,049.22		
		<b>Total for Check:</b>	803819			\$1,049.22	\$14,018.07
803820	2024-02-07	GOPHER PATROL	Inv# 11230900	PATROL	\$185.00		
		<b>Total for Check:</b>	803820			\$185.00	\$4,970.00
803821	2024-02-07	WESTAIR GASES & EQUIPMENT	Inv# 0011766431	1/9 carton gouging rod-Recharg	\$104.09		
803821	2024-02-07	WESTAIR GASES & EQUIPMENT	Inv# 0011767798	1/9 Lab-nitrogen & helium	\$1,483.51		
803821	2024-02-07	WESTAIR GASES & EQUIPMENT	Inv# 0011767798	frt,haz,helium surcharge	\$872.57		
803821	2024-02-07	WESTAIR GASES & EQUIPMENT	Inv# 0011768747	haz.m-frt-surcharge	\$59.11		
803821	2024-02-07	WESTAIR GASES & EQUIPMENT	Inv# 0011768747	Water Prod-nitrogen	\$35.24		
		<b>Total for Check:</b>	803821			\$2,554.52	\$68,381.11

Run Date: 2/6/2024

\$3,788.74

\$3,788.74

# Orange County Water District

## Check Register

Begin Date: 2024-02-08

End Date: 2024-02-14

Page: 1

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
803822	2024-02-14	ALTA FOODCRAFT	Inv# 12403449	BPO FIRST AID SUPPLIES	\$222.70		
803822	2024-02-14	ALTA FOODCRAFT	Inv# 12403449		\$12.95		
		<b>Total for Check:</b>	803822			\$235.65	\$14,253.72
803823	2024-02-14	EWING IRRIGATION	Inv# 21386698	SANTIAGO MITIGATION	\$4,101.50		
		<b>Total for Check:</b>	803823			\$4,101.50	\$6,640.45
803824	2024-02-14	GOPHER PATROL	Inv# 11230902	Gopher Pest Control FHQ	\$525.00		
803824	2024-02-14	GOPHER PATROL	Inv# 11252567	RODENT CONTROL AT THE FRLAB	\$1,000.00		
		<b>Total for Check:</b>	803824			\$1,525.00	\$6,495.00
803825	2024-02-14	IRON MOUNTAIN	Inv# JDTV566	BPO ARCHIVAL SERVICES	\$4,770.54		
		<b>Total for Check:</b>	803825			\$4,770.54	\$51,107.66
803826	2024-02-14	SIGMA-ALDRICH, INC.	Inv# 561802256	SUPPLIES	\$1,211.48		
803826	2024-02-14	SIGMA-ALDRICH, INC.	Inv# 561802256	Handling	\$19.62		
803826	2024-02-14	SIGMA-ALDRICH, INC.	Inv# 561807894	SUPPLIES	\$91.02		
803826	2024-02-14	SIGMA-ALDRICH, INC.	Inv# 561807894	Handling	\$43.86		
803826	2024-02-14	SIGMA-ALDRICH, INC.	Inv# 561810134	SUPPLIES	\$398.03		
803826	2024-02-14	SIGMA-ALDRICH, INC.	Inv# 561810134	Handling	\$66.95		
		<b>Total for Check:</b>	803826			\$1,830.96	\$16,684.28
803827	2024-02-14	SPEX CERTIPREP, LLC	Inv# 491386	SUPPLIES	\$77.00		
803827	2024-02-14	SPEX CERTIPREP, LLC	Inv# 491386		\$16.09		
803827	2024-02-14	SPEX CERTIPREP, LLC	Inv# 491387	SUPPLIES	\$112.00		
803827	2024-02-14	SPEX CERTIPREP, LLC	Inv# 491387	freight	\$16.09		
		<b>Total for Check:</b>	803827			\$221.18	\$7,292.03
803828	2024-02-14	WECK LABORATORIES, INC.	Inv# W4A1151	BPO WATER ANALYSES	\$220.00		
		<b>Total for Check:</b>	803828			\$220.00	\$14,639.25
803829	2024-02-14	WESTAIR GASES & EQUIPMENT	Inv# 0011771118	Recharge-oxygen,acetylene	\$227.63		
803829	2024-02-14	WESTAIR GASES & EQUIPMENT	Inv# 0011771118	hazardous material	\$16.04		
803829	2024-02-14	WESTAIR GASES & EQUIPMENT	Inv# 0011771582	Lab-helium,nitrogen	\$1,539.68		
803829	2024-02-14	WESTAIR GASES & EQUIPMENT	Inv# 0011771582	Haz.m,frt,surcharges	\$872.57		
		<b>Total for Check:</b>	803829			\$2,655.92	\$71,037.03

Run Date: 2/13/2024

\$15,560.75

\$15,560.75

# Orange County Water District

## Check Register

Begin Date: 2024-02-15

End Date: 2024-02-21

Page: 1

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
803830	2024-02-21	ALTA FOODCRAFT	Inv# 12404644	BPO FIRST AID SUPPLIES	\$556.82		
		<b>Total for Check:</b> 803830					\$556.82 \$14,810.54
803831	2024-02-21	IRON MOUNTAIN	Inv# 202821856	BPO ARCHIVAL SERVICES	\$159.54		
803831	2024-02-21	IRON MOUNTAIN	Inv# 257931	Credit Acct# 44114.027734	(\$154.89)		
		<b>Total for Check:</b> 803831					\$4.65 \$51,112.31
803832	2024-02-21	RUTAN & TUCKER, LLP	Inv# 982912	Dec23 add'l legal/G.Matters	\$354.20		
803832	2024-02-21	RUTAN & TUCKER, LLP	Inv# 982913	Dec23 add'l legal/Wtr.Resource	\$576.00		
803832	2024-02-21	RUTAN & TUCKER, LLP	Inv# 982914	Dec23 add'l legal/P.Management	\$108.00		
803832	2024-02-21	RUTAN & TUCKER, LLP	Inv# 982915	Dec23 add'l legal/Admin.Matter	\$1,512.00		
803832	2024-02-21	RUTAN & TUCKER, LLP	Inv# 982916	Dec23 add'l legal/Reclaim.Wtr.	\$845.60		
		<b>Total for Check:</b> 803832					\$3,395.80 \$266,019.36
803833	2024-02-21	SIGMA-ALDRICH, INC.	Inv# 561872334	SUPPLIES	\$65.14		
803833	2024-02-21	SIGMA-ALDRICH, INC.	Inv# 561872334	Trans/ Handling	\$46.18		
		<b>Total for Check:</b> 803833					\$111.32 \$16,795.60
803834	2024-02-21	SPEX CERTIPREP, LLC	Inv# 491712	SUPPLIES	\$89.60		
		<b>Total for Check:</b> 803834					\$89.60 \$7,381.63
803835	2024-02-21	THERMO ELECTRON NORTH AMERICA LLC	Inv# 9021412225	SUPPLIES	\$1,957.50		
803835	2024-02-21	THERMO ELECTRON NORTH AMERICA LLC	Inv# 9021412225	Shipping	\$21.75		
		<b>Total for Check:</b> 803835					\$1,979.25 \$121,286.76
803836	2024-02-21	WECK LABORATORIES, INC.	Inv# W3I1122	BPO WATER ANALYSES	\$120.00		
803836	2024-02-21	WECK LABORATORIES, INC.	Inv# W3I2818	BPO WATER ANALYSES	\$110.00		
803836	2024-02-21	WECK LABORATORIES, INC.	Inv# W3J0650	BPO WATER ANALYSES	\$110.00		
803836	2024-02-21	WECK LABORATORIES, INC.	Inv# W3K0168	BPO WATER ANALYSES	\$300.00		
803836	2024-02-21	WECK LABORATORIES, INC.	Inv# W4A0489	BPO WATER ANALYSES	\$240.00		
		<b>Total for Check:</b> 803836					\$880.00 \$15,519.25
803837	2024-02-21	WESTAIR GASES & EQUIPMENT	Inv# 0011775422	1/25 Lab-nitrogen	\$110.54		
803837	2024-02-21	WESTAIR GASES & EQUIPMENT	Inv# 0011775422	ft,surcharge,hazardous materi	\$59.12		
		<b>Total for Check:</b> 803837					\$169.66 \$71,206.69

Run Date: 2/21/2024

\$7,187.10

\$7,187.10

# Orange County Water District

## Check Register

Begin Date: 2024-02-22

End Date: 2024-02-28

Page: 1

### Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
803838	2024-02-28	WECK LABORATORIES, INC.	Inv# W3L1219	BPO WATER ANALYSES	\$1,500.00		
803838	2024-02-28	WECK LABORATORIES, INC.	Inv# W3L1219	BPO WATER ANALYSES	\$400.00		
803838	2024-02-28	WECK LABORATORIES, INC.	Inv# W3L1219	BPO WATER ANALYSES	\$49.25		
803838	2024-02-28	WECK LABORATORIES, INC.	Inv# W4B0109	BPO WATER ANALYSES	\$130.00		
803838	2024-02-28	WECK LABORATORIES, INC.	Inv# W4B0111	BPO WATER ANALYSES	\$130.00		
803838	2024-02-28	WECK LABORATORIES, INC.	Inv# W4B0156	BPO WATER ANALYSES	\$160.00		
<b>Total for Check:</b> 803838						<b>\$2,369.25</b>	<b>\$17,888.50</b>
803839	2024-02-28	WESTAIR GASES & EQUIPMENT	Inv# 0011779998	1/30 Lab-helium, nitrogen	\$1,539.68		
803839	2024-02-28	WESTAIR GASES & EQUIPMENT	Inv# 0011779998	haz.mtl, freight, surcharges	\$872.57		
803839	2024-02-28	WESTAIR GASES & EQUIPMENT	Inv# 0080567395	Jan24 cylinder rental-Wtr.Prod	\$19.14		
803839	2024-02-28	WESTAIR GASES & EQUIPMENT	Inv# 0080567396A	Jan24 cylinder rental-Lab	\$727.01		
803839	2024-02-28	WESTAIR GASES & EQUIPMENT	Inv# 0080567396B	Jan24 cylinder rental-Wtr Prod	\$275.00		
803839	2024-02-28	WESTAIR GASES & EQUIPMENT	Inv# 0080567396B	Jan24 cylinder rental-Hydrogeo	\$16.74		
803839	2024-02-28	WESTAIR GASES & EQUIPMENT	Inv# 0080567396C	Jan24 cylinder rental-Recharge	\$8.37		
803839	2024-02-28	WESTAIR GASES & EQUIPMENT	Inv# 0080567397	Jan24 cylinder rental-Recharge	\$169.80		
803839	2024-02-28	WESTAIR GASES & EQUIPMENT	Inv# 0080567398	Jan24 cylinder rental-Lab	\$1,049.27		
<b>Total for Check:</b> 803839						<b>\$4,677.58</b>	<b>\$75,884.27</b>

Run Date: 2/27/2024

**\$7,046.83**

**\$7,046.83**