



AGENDA

18700 Ward St.
Fountain Valley, CA 92708
(714) 378-3200

REGULAR MEETING BOARD OF DIRECTORS
ORANGE COUNTY WATER DISTRICT
Wednesday, June 4, 2025 – 5:30 p.m. – MWDOC 101

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: Please click the link below to join the Zoom webinar:
<https://ocwd.zoom.us/j/81643856309>

Telephone Audio: (213) 338 8477

Meeting ID: 816 4385 6309

Teleconference Sites:
10382 Bonnie Drive, Garden Grove
20 Civic Center, Santa Ana
1454 Madison Street, Tustin

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

PLEDGE OF ALLEGIANCE

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.

1. PUBLIC HEARING - APPROVAL OF INCREASE IN DIRECTOR'S COMPENSATION

RECOMMENDATION: Approve Ordinance No. 2025-01, increasing the OCWD Directors' compensation 5% from \$330.75 to \$347.29 per day of service, up to a maximum of ten days per month, commencing August 3, 2025

CONSENT CALENDAR (ITEMS NO. 2- 4)

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.

2. APPROVAL OF CASH DISBURSEMENTS

RECOMMENDATION: Ratify/authorize payment of bills

3. AGREEMENT WITH TRUSSEL TECHNOLOGIES FOR GWRS DECARBONATION SYSTEM OPTIMIZATION & FEASIBILITY STUDY

RECOMMENDATION: Authorize issuance of a Professional Services Agreement to Trussell Technologies, Inc. for an amount not to exceed \$88,735 to provide consulting services to conduct a GWRS Decarbonation System Optimization & Feasibility Study

ITEM RECOMMENDED FOR APPROVAL AT RETIREMENT COMMITTEE MEETING HELD MAY 27 (ITEM NO. 4)

4. 457(B) DEFERRED COMPENSATION INTERMEDIATE BOND REVIEW WITH OPTIONS TO REPLACE JPMORGAN TOTAL RETURN FUND CLASS SHARES CLOSURE

RECOMMENDATION: Replace JPMorgan Total Return Fund Class R5 (JMTRX) shares with Dodge and Cox Income X (DOXIX)

MATTER FOR CONSIDERATION

5. CERTIFYING THE PROGRAM ENVIRONMENTAL IMPACT REPORT, APPROVING THE INTERIM REMEDIAL ACTION PLAN, AUTHORIZING GENERAL MANAGER TO SIGN THE RECORD OF DECISION, ESTABLISHING AN INITIAL CAPITAL BUDGET, AND AUTHORIZING A REQUEST FOR PROPOSALS TO PREPARE A PRELIMINARY DESIGN INVESTIGATION WORK PLAN FOR THE SOUTH BASIN GROUNDWATER PROTECTION PROJECT

RECOMMENDATION: Adopt Resolution Certifying the Final Program Environmental Impact Report (State Clearinghouse #2023100188), Approving the Interim Remedial Action Plan, Authorizing the General Manager to Sign the Record of Decision, Establishing an initial Capital Budget, and Authorizing Issuance of a Request for Proposals to Prepare a Preliminary Design Investigation Work Plan for the South Basin Groundwater Protection Project

INFORMATIONAL ITEMS

6. SAWPA UPDATE

7. COMMITTEE/CONFERENCE/MEETING REPORT

- ▶ May 27 - Retirement Committee (Chair Weigand)
- ▶ Reports on Committees/Conferences/Meetings Attended at District Expense (at which a quorum of the Board was present)

8. VERBAL REPORTS

- PRESIDENT'S REPORT
- GENERAL MANAGER'S REPORT
- DIRECTORS' REPORTS
- GENERAL COUNSEL REPORT

RECESS TO CLOSED SESSION

- **CONFERENCE WITH LEGAL COUNSEL TO DISCUSS PENDING LITIGATION, Main Electric Supply Company LLC v. Herman & Charles, Inc. et al. (Government Code § 54956.9(d)(1))**

RECONVENE IN OPEN SESSION

ADJOURNMENT

Agenda Posting: In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted in the main lobby of the Orange County Water District, 18700 Ward Street, Fountain Valley, CA and on the OCWD website: www.ocwd.com 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 Assistant 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.

Accommodations to the Disabled: 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 or by email at cfuller@ocwd.com. Notification 24 hours prior to the meeting will enable District staff to make reasonable arrangements to assure accessibility to the meeting.

Availability of Agenda Material: As a general rule, agenda reports or other written documentation that has been prepared or organized with respect to each item of business listed on the agenda can be reviewed at 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 a.m. to 5:00 p.m., 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.

AGENDA ITEM SUBMITTAL

Meeting Date: June 4, 2025

To: Board of Directors

From: John Kennedy

Staff Contact: John Kennedy

Budgeted: No

Budgeted Amount: N/A

Cost Estimate: Approximately \$16,000

Funding Source: General reserves

Program/Line Item: 1018

General Counsel Approval: N/A

Engineers Report Approval: N/A

CEQA Compliance: N/A

**Subject: PUBLIC HEARING – APPROVAL OF INCREASE IN DIRECTORS’
COMPENSATION**

SUMMARY

On May 7, 2025, the Board scheduled a public hearing to consider increasing the Directors’ compensation 5% from \$330.75 to \$347.29 per day of service, up to a maximum of ten days per month. The last Directors’ compensation increase occurred in October 2023.

Attachments:

- Affidavit
- Ordinance No. 2025-01

RECOMMENDATION

Approve Ordinance No. 2025-01, increasing the OCWD Directors’ compensation 5% from \$330.75 to \$347.29 per day of service, up to a maximum of ten days per month, commencing August 3, 2025.

DISCUSSION / ANALYSIS

In accordance with the provisions of the California Water Code Section 20200, *et seq.*, water districts, including OCWD, are authorized to enact ordinances to increase the amount of compensation that may be received by members of the Board of Directors for each day of attendance at meetings of the Board and for each day of service rendered as a member of and by the request of the Board. The increased amount cannot exceed five percent (5%) for each calendar year following the operative date of the last adjustment of compensation, for up to ten (10) days in any calendar month. A public hearing must be held before action can be taken to adopt an ordinance increasing the Directors’ compensation. Any increase would go into effect sixty (60) days from the date of passage of the ordinance by the Board.

Staff has conducted an informal survey of other local water district’s director meeting compensation. That information is shown in the following table.

BOARD OF DIRECTORS PER DIEM SURVEY

AGENCY	PER DIEM MEETING	EFFECTIVE DATE	MAXIMUM MEETINGS PER MONTH
Mesa Water District	\$369.00	January 2025	10
Santa Margarita Water District	\$340.00	July 2025	10
Municipal Water of Orange County	\$335.62	July 2025	10
Irvine Ranch Water District	\$331.00	January 2024	10
Orange County Water District	\$330.75	October 2023	10
Inland Empire Utilities Agency	\$312.00	July 2021	10
Moulton Niguel Water District	\$308.00	April 2025	10
South Coast Water District	\$255.00	July 2019	10
El Toro Water District	\$240.90	April 2025	10
Yorba Linda Water District	\$163.80	January 2025	10

PRIOR RELEVANT BOARD ACTIONS

8/16/23 - Increased Director compensation up to \$330.75 per day of service

8/17/22 – Declined to increase Director compensation up to \$330.75 per day of service

8/4/21 – Increased Director compensation up to \$315 per day of service

1/6/21 – Declined to increase Director compensation up to \$315 per day of service.

1/22/20 – Declined to increase Director compensation up to \$315 per day of service.

THE ORANGE COUNTY
REGISTER

1920 Main Street, Suite 209
Irvine, California 92614
(714) 796-7000
legals@inlandnewspapers.com

Orange County Water District
18700 Ward Street
Fountain Valley, California 92708

<i>Account Number:</i>	5179533
<i>Ad Order Number:</i>	0011735475
<i>Customer's Reference/PO Number:</i>	
<i>Publication:</i>	The Orange County Register
<i>Publication Dates:</i>	05/19/2025
<i>Total Amount:</i>	\$764.59
<i>Payment Amount:</i>	\$0.00
<i>Amount Due:</i>	\$764.59
<i>Notice ID:</i>	uVOq5yrfn7qL89AFHJLw
<i>Invoice Text:</i>	<p>ORANGE COUNTY WATER DISTRICT NOTICE OF PUBLIC HEARING TO CONSIDER INCREASING DIRECTORS' COMPENSATION PLEASE TAKE NOTICE that, pursuant to and in accordance with the provisions of California Water Code Section 20200, et.seq., the Board of Directors of the Orange County Water District will hold a public hearing on Wednesday, June 4, 2025 at 5:30 p.m., or as soon thereafter as the matter may be heard , at the offices of said District, 18700 Ward Street, Fountain Valley, California for the purpose of considering adoption of an ordinance increasing the Directors compensation from \$330.75 to \$347.29 per day of service rendered as a member of the Board, up to a maximum of ten days per month. As a convenience to the public, OCWD will hold this Public Hearing by Zoom Webinar as well as in person. Persons wishing to attend this public hearing may do so by in person attendance, telephonically by dialing 213-338-8477 (meeting ID 816 4385 6309) or virtually via internet remote access at https://ocwd.zoom.us/j/81643856309 [https://ocwd.zoom.us/j/81643856309]. 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.</p>

0011735475

Orange County Water District
18700 Ward Street
Fountain Valley, California 92708

**PROOF OF PUBLICATION
(2015.5 C.C.P.)**

**STATE OF CALIFORNIA
County of Orange**

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not party to or interested in the above-entitled matter. I am the principal clerk of the printer of The Orange County Register, a newspaper of general circulation, printed and published in the City of Irvine*, County of Orange, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of County of Orange, State of California, under the date of November 19, 1905, Case No.A-21046. The notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

05/19/2025

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Dated at Irvine, California

On this 19th day of May, 2025.



Signature

**ORANGE COUNTY WATER DISTRICT
NOTICE OF PUBLIC HEARING TO CONSIDER INCREASING
DIRECTORS' COMPENSATION**

PLEASE TAKE NOTICE that, pursuant to and in accordance with the provisions of California Water Code Section 20200, et seq., the Board of Directors of the Orange County Water District will hold a public hearing on Wednesday, June 4, 2025 at 5:30 p.m., or as soon thereafter as the matter may be heard, at the offices of said District, 18700 Ward Street, Fountain Valley, California for the purpose of considering adoption of an ordinance increasing the Directors compensation from \$330.75 to \$347.29 per day of service rendered as a member of the Board, up to a maximum of ten days per month. As a convenience to the public, OCWD will hold this Public Hearing by Zoom Webinar as well as in person. Persons wishing to attend this public hearing may do so by in person attendance, telephonically by dialing 213-338-8477 (meeting ID 816 4385 6309) or virtually via internet remote access at <https://ocwd.zoom.us/j/81643856309>. 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.

**The Orange County Register
Published: 5/19/25**

ORDINANCE NO. 2025-01
AN ORDINANCE OF THE ORANGE COUNTY WATER DISTRICT
ESTABLISHING COMPENSATION FOR DIRECTORS OF THE DISTRICT

WHEREAS, since August 2023, the compensation authorized to be paid to a District Director has been fixed at \$330.75 for attendance at meetings of the Board of Directors and for each day's service rendered as a member of the Board of Directors; and

WHEREAS, California Water Code section 20200, *et seq.*, provides that water agency governing boards may authorize increases in the rate of compensation for directors, in an amount not to exceed 5% for each calendar year following the operative date of the last compensation adjustment; and

WHEREAS, on May 7, 2025, the Board authorized publication of a notice of public hearing as required by Water Code section 20203 and Government Code §6066, to be held on June 4, 2025 to consider increasing District Directors' compensation from \$330.75 to \$347.29 for attendance at meetings of the Board of Directors and for each day of service on behalf of the District; and

WHEREAS, on June 4, 2025, the Board of Directors conducted the duly noticed public hearing, following publication per Government Code § 6066, for the proposed Directors' compensation adjustment and considered the evidence and testimony presented at that public hearing.

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

Section 1: Each member of the Board of Directors of the District is hereby authorized to receive compensation in the amount of \$347.29 for each meeting of the Board of Directors/Committees of the Board attended by that Director, and for each day of authorized service rendered as a Director of the District (for reasons other than attending meetings of the Board of Directors).

Section 2: Each member of the Board of Directors of the District is hereby authorized to receive compensation for no more than a total of ten (10) days in any calendar month.

Section 3: Pursuant to Water Code section 20204, this ordinance shall become effective on August 3, 2025, which is the 60th day from the date of final passage of this ordinance.

PASSED AND ADOPTED at a regular meeting of the Board of Directors of the Orange County Water District held on June 4, 2025, by the following roll call vote:

Ayes:

Noes:

Abstain:

Absent:

AGENDA ITEM SUBMITTAL

Meeting Date: June 4, 2025

To: Board of Directors

From: John Kennedy

Staff Contact: M. Ochoa

Budgeted: N/A

Budgeted Amount:

Cost Estimate \$9,460,023.56

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: APPROVAL OF CASH DISBURSEMENTS

SUMMARY

For the period of May 15, 2025 through May 28, 2025, including manual checks and wire transfers, staff is presenting cash disbursements totaling \$9,460,023.56

Accounts Payable:	
05/15/2025 - 05/21/2025	\$ 4,441,187.69
05/22/2025 - 05/28/2025	\$ 3,649,282.80
Payroll	\$ 1,369,553.07
Total Disbursements	\$ 9,460,023.56

RECOMMENDATION

Ratify/Authorize payment of bills

PRIOR RELEVANT BOARD ACTION(S)

Semi-monthly

Orange County Water District

Check Register

Begin Date: 2025-05-15

End Date: 2025-05-21

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Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
804130	2025-05-21	ALTA FOODCRAFT	Inv# 12520010	BPO FIRST AID & COFFEE	\$690.53		
Total for Check: 804130						\$690.53	\$19,631.22
804131	2025-05-21	SIGMA-ALDRICH, INC.	Inv# 565159076	Lab supplies	\$280.25		
804131	2025-05-21	SIGMA-ALDRICH, INC.	Inv# 565159076	SHIPPING / HANDLING	\$66.53		
804131	2025-05-21	SIGMA-ALDRICH, INC.	Inv# 565167255	Lab supplies	\$515.48		
804131	2025-05-21	SIGMA-ALDRICH, INC.	Inv# 565167255	SHIPPING / HANDLING	\$61.94		
Total for Check: 804131						\$924.20	\$27,335.20
804132	2025-05-21	WECK LABORATORIES, INC.	Inv# W5D1769	BPO WATER ANALYSIS	\$300.00		
804132	2025-05-21	WECK LABORATORIES, INC.	Inv# W5D1770	BPO WATER ANALYSIS	\$300.00		
Total for Check: 804132						\$600.00	\$29,693.00
804133	2025-05-21	WESTAIR GASES & EQUIPMENT	Inv# 0012016318	haz.mtl, frt, fuel surcharge	\$59.11		
804133	2025-05-21	WESTAIR GASES & EQUIPMENT	Inv# 0012016318	nitrogen	\$35.89		
804133	2025-05-21	WESTAIR GASES & EQUIPMENT	Inv# 0012017779	argon	\$1,705.30		
804133	2025-05-21	WESTAIR GASES & EQUIPMENT	Inv# 0012017779	frt, fuel surcharge, haz.mtl	\$59.11		
804133	2025-05-21	WESTAIR GASES & EQUIPMENT	Inv# 0012018614	nitrogen	\$255.93		
804133	2025-05-21	WESTAIR GASES & EQUIPMENT	Inv# 0012018614	haz.mtl, frt, fuel surcharge	\$59.12		
Total for Check: 804133						\$2,174.46	\$105,931.89
Run Date: 5/21/2025					\$4,389.19	\$4,389.19	

Orange County Water District

Check Register

Begin Date: 2025-05-15

End Date: 2025-05-21

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Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
123303	2025-05-21	ABSOLUTE STANDARDS, INC.	Inv# 246727	Lab supplies	\$106.25		
123303	2025-05-21	ABSOLUTE STANDARDS, INC.	Inv# 246727	Shipping and Handling	\$15.00		
123303	2025-05-21	ABSOLUTE STANDARDS, INC.	Inv# 246727	Lab supplies	\$191.25		
Total for Check: 123303						\$312.50	\$16,581.00
123304	2025-05-21	ACE CRANE SERVICE, INC.	Inv# 32719	Crane Inspection (Annual) - 20	\$2,747.26		
123304	2025-05-21	ACE CRANE SERVICE, INC.	Inv# 32720	Crane Inspection - 1st Quarter	\$3,356.00		
123304	2025-05-21	ACE CRANE SERVICE, INC.	Inv# 32720	Crane Inspection - 1st Quarter	\$1,080.00		
123304	2025-05-21	ACE CRANE SERVICE, INC.	Inv# 32720	Crane Inspection - 1st Quarter	\$780.10		
Total for Check: 123304						\$7,963.36	\$24,931.61
123305	2025-05-21	ACE PRINT AGENCY, LLC	Inv# 5970	CWEF - PROGRAM EVENT FLYERS	\$2,300.00		
123305	2025-05-21	ACE PRINT AGENCY, LLC	Inv# 5970	CWEF - PROGRAM EVENT FLYERS	\$1,631.25		
Total for Check: 123305						\$3,931.25	\$3,931.25
123306	2025-05-21	AGILENT TECHNOLOGIES, INC.	Inv# 129942223	Lab supplies	\$980.54		
123306	2025-05-21	AGILENT TECHNOLOGIES, INC.	Inv# 129942223	SHIPPING / HANDLING	\$8.00		
123306	2025-05-21	AGILENT TECHNOLOGIES, INC.	Inv# 129966329	Lab supplies	\$162.61		
123306	2025-05-21	AGILENT TECHNOLOGIES, INC.	Inv# 129966329	SHIPPING / HANDLING	\$3.47		
123306	2025-05-21	AGILENT TECHNOLOGIES, INC.	Inv# 129966330	Lab supplies	\$1,297.76		
123306	2025-05-21	AGILENT TECHNOLOGIES, INC.	Inv# 129966330	Lab supplies	\$244.17		
123306	2025-05-21	AGILENT TECHNOLOGIES, INC.	Inv# 129966330	SHIPPING / HANDLING	\$4.53		
Total for Check: 123306						\$2,701.08	\$190,713.90
123307	2025-05-21	AMAZON CAPITAL SERVICES, INC	Inv# 1DKD-14R9-61N1	DRY ERASE MARKERS	\$32.22		
123307	2025-05-21	AMAZON CAPITAL SERVICES, INC	Inv# 1DKD-14R9-61N1		\$7.61		
123307	2025-05-21	AMAZON CAPITAL SERVICES, INC	Inv# 1DVL-H4CC-66P3	Office Supplies	\$24.50		
123307	2025-05-21	AMAZON CAPITAL SERVICES, INC	Inv# 1DVL-H4CC-66P3	Office Supplies	\$18.48		
123307	2025-05-21	AMAZON CAPITAL SERVICES, INC	Inv# 1F6V-MM9T-63PX	Lab supplies	\$163.11		
123307	2025-05-21	AMAZON CAPITAL SERVICES, INC	Inv# 1F6V-MM9T-63PX	Lab supplies	\$58.21		
123307	2025-05-21	AMAZON CAPITAL SERVICES, INC	Inv# 1Y1D-4DCL-V1MF	Cattails for water festival	\$40.93		
123307	2025-05-21	AMAZON CAPITAL SERVICES, INC	Inv# 1YGK-JX7R-6VHY	Research center supplies- DON	\$30.40		
123307	2025-05-21	AMAZON CAPITAL SERVICES, INC	Inv# 1YGK-JX7R-6VHY	Research center supplies- DON	\$8.25		
Total for Check: 123307						\$383.71	\$37,484.05
123308	2025-05-21	AMERICAN WATER CHEMICAL, INC	Inv# 52249471	4/23 41060 lb antiscalant	\$50,093.20		
Total for Check: 123308						\$50,093.20	\$1,648,095.13

Orange County Water District

Check Register

Begin Date: 2025-05-15

End Date: 2025-05-21

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Accounts Payable Check Register Presented for Board Ratification and/or Approval

Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 127464300_20250513	04/08/2025 to 05/08/2025	\$716.44		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 127602300_20250513	04/08/2025 to 05/08/2025	\$89.85		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 127603000_20250513	04/09/2025 to 05/09/2025	\$51.48		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 127704000_20250513	04/09/2025 to 05/09/2025	\$432.27		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 128276000_20250514	04/10/2025 to 05/12/2025	\$136.31		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 128279000_20250514	04/10/2025 to 05/12/2025	\$1,614.87		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 128280300_20250514	04/08/2025 to 05/07/2025	\$86.86		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 128282300_20250514	04/08/2025 to 05/07/2025	\$327.37		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 128283000_20250514	04/10/2025 to 05/12/2025	\$1,249.32		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 128284000_20250514	04/10/2025 to 05/12/2025	\$87.31		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 128660002_20250514	04/10/2025 to 05/12/2025	\$457.49		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 131487000_20250514	04/10/2025 to 05/12/2025	\$63.54		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 132538000_20250514	04/10/2025 to 05/12/2025	\$363.08		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 134144000_20250514	04/10/2025 to 05/12/2025	\$77.54		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 134145000_20250513	04/09/2025 to 05/09/2025	\$58.90		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 134965000_20250513	04/09/2025 to 05/09/2025	\$87.75		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 138802000_20250514	04/10/2025 to 05/12/2025	\$26.62		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 139824000_20250514	04/10/2025 to 05/12/2025	\$60.79		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 145552000_20250514	04/10/2025 to 05/12/2025	\$108.51		
123310	2025-05-21	ANAHEIM, CITY OF	Inv# 128277000_20250514	04/10/2025 to 05/12/2025	\$1,102.44		
		Total for Check:	123310			\$7,198.74	\$561,079.99
123311	2025-05-21	ASSOCIATION OF CALIFORNIA CITIES	Inv# 3981	2025-26 Affiliate Membership	\$5,000.00		
		Total for Check:	123311			\$5,000.00	\$5,000.00
123312	2025-05-21	AT & T	Inv# 339 259-6949_20250507	05/07/2025 - 06/06/2025	\$66.23		
		Total for Check:	123312			\$66.23	\$2,526.69
123313	2025-05-21	AT & T	Inv# 335 253-2206_20250507	05/07/2025 - 05/06/2025	\$82.07		
		Total for Check:	123313			\$82.07	\$2,526.69
123314	2025-05-21	ATLAS COPCO COMPRESSORS LLC	Inv# 1125042120	Generated by reorder 4/9/25 6:	\$2,980.62		
123314	2025-05-21	ATLAS COPCO COMPRESSORS LLC	Inv# 1125042120	freight	\$244.04		
		Total for Check:	123314			\$3,224.66	\$24,034.43

Orange County Water District

Check Register

Begin Date: 2025-05-15

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Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
123315	2025-05-21	BANK OF AMERICA, N.A.	Inv# 681759180127PAY	Mar 25 Fees	\$295.00		
123315	2025-05-21	BANK OF AMERICA, N.A.	Inv# 681759180131PAY	May 25 fee	\$295.00		
Total for Check: 123315						\$590.00	\$391,086.06
123316	2025-05-21	BESST, INC.	Inv# OCWD042425	4/24 PFAS Buena Prk Linden wel	\$29,326.00		
Total for Check: 123316						\$29,326.00	\$68,166.00
123317	2025-05-21	BLUETRITON BRANDS INC	Inv# 15D8710113299	Prado BPO for Water Delivery	\$100.48		
Total for Check: 123317						\$100.48	\$100.48
123318	2025-05-21	BRENNTAG PACIFIC INC.	Inv# BPI517165	5/13 39760 lb H.Peroxide	\$9,940.00		
123318	2025-05-21	BRENNTAG PACIFIC INC.	Inv# BPI517165	discount	(\$198.80)		
123318	2025-05-21	BRENNTAG PACIFIC INC.	Inv# BPI517482	5/13 42740 lb citric acid	\$28,213.21		
123318	2025-05-21	BRENNTAG PACIFIC INC.	Inv# BPI517482	discount	(\$564.26)		
123318	2025-05-21	BRENNTAG PACIFIC INC.	Inv# BPI518102	5/15 39720 lb H.Peroxide	\$9,930.00		
123318	2025-05-21	BRENNTAG PACIFIC INC.	Inv# BPI518102	discount	(\$198.60)		
Total for Check: 123318						\$47,121.55	\$1,714,670.56
123319	2025-05-21	BUENA PARK SCHOOL DISTRICT	Inv# 08U10175	Bus reimbursement Emery School	\$215.00		
Total for Check: 123319						\$215.00	\$215.00
123320	2025-05-21	CALIAGUA INC	Inv# 26 TUS-2022-1	Prog.Pmt#26 TUS-2022-1	\$207,575.00		
123320	2025-05-21	CALIAGUA INC	Inv# 26 TUS-2022-1	Prog.Pmt#26 TUS-2022-1	\$207,199.75		
Total for Check: 123320						\$414,774.75	\$17,833,422.86
123321	2025-05-21	PACIFIC PREMIER BANK	Inv# ESC 20230117-2773 RET#26 TUS-2022-1	Ret#26 Caliagua	\$10,925.00		
123321	2025-05-21	PACIFIC PREMIER BANK	Inv# ESC 20230117-2773 RET#26 TUS-2022-1	Ret#26 Caliagua	\$10,905.25		
Total for Check: 123321						\$21,830.25	\$613,970.03
123322	2025-05-21	CENTRALIA SCHOOL DISTRICT	Inv# 75130	Bus transport reimbursement	\$431.25		
Total for Check: 123322						\$431.25	\$431.25
123323	2025-05-21	CHEMCO PRODUCTS COMPANY	Inv# 237385	Monthly Closed Loop Water Serv	\$300.00		
Total for Check: 123323						\$300.00	\$3,311.90
123324	2025-05-21	CITY OF FULLERTON	Inv# 14140	PFAS Reimbursemenet #03	\$146,658.35		
Total for Check: 123324						\$146,658.35	\$146,658.35
123325	2025-05-21	COAST TO COAST COMPUTER PRODUCTS	Inv# A2785900	Generated by reorder 4/17/25 6	\$453.10		
123325	2025-05-21	COAST TO COAST COMPUTER PRODUCTS	Inv# A2785965	Generated by reorder 4/17/25 6	\$453.10		

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123325	2025-05-21	COAST TO COAST COMPUTER PRODUCTS	Inv# A2785965	Generated by reorder 4/17/25 6	\$90.05		
		Total for Check:	123325			\$996.25	\$2,379.55
123326	2025-05-21	COLLINS COMPANY	Inv# 634540	Fence Windscreen for Well I-30	\$3,700.00		
123326	2025-05-21	COLLINS COMPANY	Inv# 634540	Fence Windscreen for Well I-30	\$2,586.00		
		Total for Check:	123326			\$6,286.00	\$6,286.00
123327	2025-05-21	CONSOLIDATED OFFICE SYSTEMS	Inv# 31380		\$763.43		
		Total for Check:	123327			\$763.43	\$23,007.10
123328	2025-05-21	CONSTELLATION NEWENERGY INC.	Inv# 70699676301	04/02/2025 to 05/02/2025	\$17,613.57		
123328	2025-05-21	CONSTELLATION NEWENERGY INC.	Inv# 70707104801	04/03/2025 to 05/05/2025	\$1,272,911.09		
		Total for Check:	123328			\$1,290,524.66	\$16,606,669.28
123329	2025-05-21	CPI INTERNATIONAL	Inv# 20069160	Lab supplies	\$756.90		
123329	2025-05-21	CPI INTERNATIONAL	Inv# 20069160	Shipping	\$24.15		
123329	2025-05-21	CPI INTERNATIONAL	Inv# 20069160	Discount	(\$13.92)		
		Total for Check:	123329			\$767.13	\$16,979.98
123330	2025-05-21	DAYFORCE US, INC.	Inv# IN1511414	May25 payroll	\$6,112.80		
		Total for Check:	123330			\$6,112.80	\$64,519.61
123331	2025-05-21	DUNN EDWARDS	Inv# 2158A33530	BPO FOR PAINT	\$162.45		
		Total for Check:	123331			\$162.45	\$496.16
123332	2025-05-21	ELECTRICAL RELIABILITY SERVICES INC.	Inv# 51101002	Electrical Maintenance Testing	\$6,495.00		
		Total for Check:	123332			\$6,495.00	\$102,365.00
123333	2025-05-21	ENDRESS + HAUSER, INC.	Inv# 6002685861	Generated by reorder 2/20/25 1	\$20,694.29		
123333	2025-05-21	ENDRESS + HAUSER, INC.	Inv# 6002685861	Shipping and Handling	\$475.73		
		Total for Check:	123333			\$21,170.02	\$50,533.24
123334	2025-05-21	ENVIRONMENTAL RESOURCE CENTER	Inv# 16044	Training	\$2,950.00		
123334	2025-05-21	ENVIRONMENTAL RESOURCE CENTER	Inv# 16044	Training	\$345.48		
123334	2025-05-21	ENVIRONMENTAL RESOURCE CENTER	Inv# 16044	Training	\$225.34		
123334	2025-05-21	ENVIRONMENTAL RESOURCE CENTER	Inv# 16044	Training	\$63.00		

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123334	2025-05-21	ENVIRONMENTAL RESOURCE CENTER	Inv# 16044	Training	\$57.45		
Total for Check: 123334						\$3,641.27	\$3,641.27
123335	2025-05-21	ENVIRONMENTAL SCIENCE ASSOCIATES	Inv# 206472 WO#10	Mar25 GWRSFE CEQA wo#10	\$12,520.00		
Total for Check: 123335						\$12,520.00	\$241,209.62
123336	2025-05-21	EPPENDORF NORTH AMERICA INC.	Inv# 4001521540	Lab supplies	\$439.35		
123336	2025-05-21	EPPENDORF NORTH AMERICA INC.	Inv# 4001521540	freight	\$37.77		
Total for Check: 123336						\$477.12	\$4,691.73
123337	2025-05-21	EUROFINS EATON ANALYTICAL	Inv# 5700225350	BPO WATER ANALYSIS	\$455.00		
Total for Check: 123337						\$455.00	\$3,767.70
123338	2025-05-21	EVOQUA WATER TECHNOLOGIES, LLC	Inv# 906994831	agmt 1694 Fullerton C19017	\$767,166.64		
123338	2025-05-21	EVOQUA WATER TECHNOLOGIES, LLC	Inv# 906994831	agmt 1694 Tustin O&M	\$139,512.96		
Total for Check: 123338						\$906,679.60	\$3,907,527.29
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 106-598959	Generated by reorder 4/16/25 1	\$33.39		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 11-2037413	Generated by reorder 4/16/25 1	\$9.49		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 12-6532315	Generated by reorder 4/16/25 1	\$112.88		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 12-6532315	Generated by reorder 4/16/25 1	\$28.97		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 12-6532315	Generated by reorder 4/16/25 1	\$14.86		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 12-6532315	Generated by reorder 4/16/25 1	\$4.72		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 12-6533998	Generated by reorder 11/6/24 1	\$204.06		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 12-6538467	Generated by reorder 4/16/25 1	\$33.70		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 164-402819	BPO AUTO PARTS	\$150.38		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 164-402819	Lead Acid Battery Fee	\$2.00		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 164-402943		(\$21.63)		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 164-403586	Original PO 523050	\$152.38		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 164-403760	RO: ELECTRIC CART BATTERIES E-	\$2,500.44		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 164-403760	RO: ELECTRIC CART BATTERIES E-	\$147.08		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 164-403760		\$36.00		
123340	2025-05-21	FACTORY MOTOR PARTS	Inv# 164-404191	Credit For Inv 164-403586	(\$149.08)		

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Total for Check:		123340				\$3,259.64	\$20,859.30
123341	2025-05-21	FEDERAL EXPRESS CORPORATION	Inv# 8-863-35877	Package Delivery	\$86.33		
123341	2025-05-21	FEDERAL EXPRESS CORPORATION	Inv# 8-863-35878	Package Delivery	\$494.79		
Total for Check:		123341				\$581.12	\$15,904.88
123342	2025-05-21	FILMTEC CORP	Inv# 952367145	MF MEMBRANE MODULES	\$292,133.38		
123342	2025-05-21	FILMTEC CORP	Inv# 952367145	MF MEMBRANE MODULES	\$44,000.00		
123342	2025-05-21	FILMTEC CORP	Inv# 952371178	MF MEMBRANE MODULES	\$324,592.65		
Total for Check:		123342				\$660,726.03	\$4,978,357.67
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0115003	Lab supplies	\$228.57		
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0152020	Lab supplies	\$98.16		
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0152021	FESTIVAL - LAB/SAFE T GLASSES	\$515.04		
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0152021	FESTIVAL - LAB/SAFE T GLASSES	\$136.82		
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0152021	FESTIVAL - LAB/SAFE T GLASSES	\$24.14		
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0187183	Lab supplies	\$305.21		
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0187184	Lab supplies	\$1,922.07		
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0220860	Lab supplies	\$1,352.37		
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0220861	Lab supplies	\$854.26		
123343	2025-05-21	FISHER SCIENTIFIC CO.	Inv# 0251414	Lab supplies	\$76.08		
Total for Check:		123343				\$5,512.72	\$285,164.34
123344	2025-05-21	FRONTIER COMMUNICATIONS	Inv# 714-274-0393_20250507	05/07/2025 - 06/05/2025	\$1,491.03		
Total for Check:		123344				\$1,491.03	\$58,264.64
123345	2025-05-21	FRONTIER COMMUNICATIONS	Inv# 213-002-8985_20250507	05/07/2025 - 06/05/2025	\$45.41		
Total for Check:		123345				\$45.41	\$58,264.64
123346	2025-05-21	FRUIT GROWERS LABORATORY INC	Inv# 501508A	BPO RADIOACTIVITY ANAYLSIS	\$286.00		
123346	2025-05-21	FRUIT GROWERS LABORATORY INC	Inv# 501512A	BPO RADIOACTIVITY ANAYLSIS	\$286.00		
123346	2025-05-21	FRUIT GROWERS LABORATORY INC	Inv# 501644A	BPO RADIOACTIVITY ANAYLSIS	\$286.00		
123346	2025-05-21	FRUIT GROWERS LABORATORY INC	Inv# 501646A	BPO RADIOACTIVITY ANAYLSIS	\$286.00		
123346	2025-05-21	FRUIT GROWERS LABORATORY INC	Inv# 503022A	BPO RADIOACTIVITY ANAYLSIS	\$218.00		

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123346	2025-05-21	FRUIT GROWERS LABORATORY INC	Inv# 504630A	BPO RADIOACTIVITY ANAYLSIS	\$203.00		
		Total for Check:	123346			\$1,565.00	\$34,483.00
123347	2025-05-21	FUTURE INDUSTRIAL TECHNOLOGY INC.	Inv# 22965	Trailng	\$165.00		
		Total for Check:	123347			\$165.00	\$165.00
123348	2025-05-21	GEIGER	Inv# 5891188	RE-ORDER OF GWRS PEN	\$7,503.75		
123348	2025-05-21	GEIGER	Inv# 5891188	PURCHASE DISCOUNTS	(\$75.04)		
		Total for Check:	123348			\$7,428.71	\$48,419.15
123350	2025-05-21	GRAINGER INC.	Inv# 9480415257	BPO INDUSTRIAL SUPPLIES	\$147.24		
123350	2025-05-21	GRAINGER INC.	Inv# 9481196351	Generated by reorder 4/14/25 2	\$259.83		
123350	2025-05-21	GRAINGER INC.	Inv# 9481286798		\$106.03		
123350	2025-05-21	GRAINGER INC.	Inv# 9481286798		\$72.82		
123350	2025-05-21	GRAINGER INC.	Inv# 9481286798		\$70.68		
123350	2025-05-21	GRAINGER INC.	Inv# 9481286798		\$50.48		
123350	2025-05-21	GRAINGER INC.	Inv# 9481286798		\$43.63		
123350	2025-05-21	GRAINGER INC.	Inv# 9481286798		\$35.55		
123350	2025-05-21	GRAINGER INC.	Inv# 9481286798		\$15.59		
123350	2025-05-21	GRAINGER INC.	Inv# 9481286798		\$7.60		
123350	2025-05-21	GRAINGER INC.	Inv# 9481812247	BPO INDUSTRIAL SUPPLIES	\$2.41		
123350	2025-05-21	GRAINGER INC.	Inv# 9482874964	BPO INDUSTRIAL SUPPLIES	\$54.54		
123350	2025-05-21	GRAINGER INC.	Inv# 9485199021	RO Build- Pulley/Belts JSMITH	\$310.98		
123350	2025-05-21	GRAINGER INC.	Inv# 9485199039	research center supplies DON S	\$232.75		
123350	2025-05-21	GRAINGER INC.	Inv# 9485199047	Generated by reorder 4/23/25 7	\$151.47		
123350	2025-05-21	GRAINGER INC.	Inv# 9485659115	12" x10" x 6" SS JSMITH	\$611.01		
123350	2025-05-21	GRAINGER INC.	Inv# 9485894787	12" x10" x 6" SS JSMITH	\$38.48		
		Total for Check:	123350			\$2,211.09	\$193,556.03
123351	2025-05-21	HACH COMPANY	Inv# 14469966	Generated by reorder 4/17/25 9	\$4,480.51		
123351	2025-05-21	HACH COMPANY	Inv# 14469966		\$58.45		
123351	2025-05-21	HACH COMPANY	Inv# 14471891	lab supplies CHRIS ALVAREZ	\$42.73		
123351	2025-05-21	HACH COMPANY	Inv# 14471891	lab supplies CHRIS ALVAREZ	\$11.70		
		Total for Check:	123351			\$4,593.39	\$61,160.96
123352	2025-05-21	HAZEN AND SAWYER	Inv# 20232-001-5	12/1-1/31 PFAS Anaheim wo#2	\$227,696.00		

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Total for Check:		123352				\$227,696.00	\$628,271.25
123353	2025-05-21	HOME DEPOT CREDIT SERVICES	Inv# 0510053	BPO INDUSTRIAL SUPPLIES	\$26.32		
123353	2025-05-21	HOME DEPOT CREDIT SERVICES	Inv# 0624493	BPO INDUSTRIAL SUPPLIES	\$10.52		
123353	2025-05-21	HOME DEPOT CREDIT SERVICES	Inv# 4013547	BPO INDUSTRIAL SUPPLIES	\$7.01		
123353	2025-05-21	HOME DEPOT CREDIT SERVICES	Inv# 4510962	BPO INDUSTRIAL SUPPLIES	\$11.28		
123353	2025-05-21	HOME DEPOT CREDIT SERVICES	Inv# 4612768	BPO INDUSTRIAL SUPPLIES	\$17.85		
123353	2025-05-21	HOME DEPOT CREDIT SERVICES	Inv# 6625031	BPO INDUSTRIAL SUPPLIES	\$62.45		
123353	2025-05-21	HOME DEPOT CREDIT SERVICES	Inv# 6741913	BPO INDUSTRIAL SUPPLIES	\$207.10		
123353	2025-05-21	HOME DEPOT CREDIT SERVICES	Inv# 9030347	BPO INDUSTRIAL SUPPLIES	\$252.45		
Total for Check:		123353				\$594.98	\$33,054.56
123354	2025-05-21	JOE A. GONSALVES AND SON	Inv# 162402	May25 legis.support/SACTO	\$8,000.00		
Total for Check:		123354				\$8,000.00	\$88,000.00
123355	2025-05-21	KDC SYSTEMS	Inv# 35661	KDC To Troubleshoot FHQ SCADA	\$1,320.00		
123355	2025-05-21	KDC SYSTEMS	Inv# 35661	KDC To Troubleshoot FHQ SCADA	\$320.00		
Total for Check:		123355				\$1,640.00	\$244,931.06
123356	2025-05-21	KENNEDY/JENKS CONSULTANTS, INC.	Inv# 179612	thru 3/28 PFAS Orange 25 & 27	\$33,063.00		
Total for Check:		123356				\$33,063.00	\$541,394.29
123357	2025-05-21	LHOIST NORTH AMERICA	Inv# 1102507595	4/17 lime(2) 25.37 & 25.29 ton	\$22,703.79		
123357	2025-05-21	LHOIST NORTH AMERICA	Inv# 1102507596	4/23 lime 25.16 ton	\$11,275.71		
123357	2025-05-21	LHOIST NORTH AMERICA	Inv# 1102507832	4/23 24.78 ton lime	\$11,105.40		
Total for Check:		123357				\$45,084.90	\$1,598,331.53
123358	2025-05-21	LIFE TECHNOLOGIES CORP	Inv# 86994777	Lab supplies	\$697.85		
123358	2025-05-21	LIFE TECHNOLOGIES CORP	Inv# 87021801	Lab supplies	\$2,797.83		
Total for Check:		123358				\$3,495.68	\$26,787.48
123359	2025-05-21	LOU'S GOLF CARTS INC.	Inv# 45080	Electric Cart I&E Dept. JSMITH	\$15,093.41		
123359	2025-05-21	LOU'S GOLF CARTS INC.	Inv# 45080	Electric Cart I&E Dept. JSMITH	\$4,348.92		
123359	2025-05-21	LOU'S GOLF CARTS INC.	Inv# 45080	Electric Cart I&E Dept. JSMITH	\$912.00		
123359	2025-05-21	LOU'S GOLF CARTS INC.	Inv# 45080	Electric Cart I&E Dept. JSMITH	\$755.00		
123359	2025-05-21	LOU'S GOLF CARTS INC.	Inv# 45080	Electric Cart I&E Dept. JSMITH	\$643.80		
Total for Check:		123359				\$21,753.13	\$21,753.13
123360	2025-05-21	MATA, MICHELE	Inv# FVPETTY CASH 03.25- 05.08	FV PettyCash	\$1,033.17		
Total for Check:		123360				\$1,033.17	\$5,748.33

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123361	2025-05-21	MCFADDEN-DALE HARDWARE CO.	Inv# 576947/5	BPO INDUSTRIAL SUPPLIES	\$38.47		
123361	2025-05-21	MCFADDEN-DALE HARDWARE CO.	Inv# 576947/5	PURCHASE DISCOUNTS	(\$1.07)		
Total for Check: 123361						\$37.40	\$6,259.54
123362	2025-05-21	MCMaster-CARR SUPPLY COMPANY	Inv# 45461067	12V 7 Amp Hour Lead JHAMM	\$770.77		
123362	2025-05-21	MCMaster-CARR SUPPLY COMPANY	Inv# 45461067	12V 7 Amp Hour Lead JHAMM	\$52.64		
123362	2025-05-21	MCMaster-CARR SUPPLY COMPANY	Inv# 45461067	PURCHASE DISCOUNTS	(\$15.42)		
123362	2025-05-21	MCMaster-CARR SUPPLY COMPANY	Inv# 45685574	Generated by reorder 5/13/25 1	\$478.61		
123362	2025-05-21	MCMaster-CARR SUPPLY COMPANY	Inv# 45685574	Generated by reorder 5/13/25 1	\$12.19		
123362	2025-05-21	MCMaster-CARR SUPPLY COMPANY	Inv# 45685574	PURCHASE DISCOUNTS	(\$9.57)		
123362	2025-05-21	MCMaster-CARR SUPPLY COMPANY	Inv# 45777839	research center supplies- DON	\$315.65		
123362	2025-05-21	MCMaster-CARR SUPPLY COMPANY	Inv# 45777839	research center supplies- DON	\$9.09		
123362	2025-05-21	MCMaster-CARR SUPPLY COMPANY	Inv# 45777839	Discount	(\$5.81)		
Total for Check: 123362						\$1,608.15	\$17,372.26
123363	2025-05-21	NAPA AUTO PARTS	Inv# 149089	BPO TRUCK PARTS	\$42.83		
123363	2025-05-21	NAPA AUTO PARTS	Inv# 150036		(\$186.85)		
123363	2025-05-21	NAPA AUTO PARTS	Inv# 150176	BPO TRUCK PARTS	\$126.10		
123363	2025-05-21	NAPA AUTO PARTS	Inv# 150176		\$19.99		
123363	2025-05-21	NAPA AUTO PARTS	Inv# 150748	BPO TRUCK PARTS	\$86.09		
123363	2025-05-21	NAPA AUTO PARTS	Inv# 150814	BPO TRUCK PARTS	\$390.52		
123363	2025-05-21	NAPA AUTO PARTS	Inv# 150999	BPO TRUCK PARTS	\$39.85		
123363	2025-05-21	NAPA AUTO PARTS	Inv# 151049	BPO TRUCK PARTS	\$400.37		
123363	2025-05-21	NAPA AUTO PARTS	Inv# 151126	BPO TRUCK PARTS	\$54.53		
123363	2025-05-21	NAPA AUTO PARTS	Inv# 151127	Credit For Invoice 151049	(\$51.30)		
Total for Check: 123363						\$922.13	\$16,529.22
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 751263	Credit For Invoice 748682	\$45.98		

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123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752644	BPO AUTO PARTS	\$46.48		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752644	PURCHASE DISCOUNTS	(\$0.93)		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752692	Original invoice 752105	(\$42.35)		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752735	BPO AUTO PARTS	\$31.52		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752735	PURCHASE DISCOUNTS	(\$0.63)		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752879		(\$46.48)		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752886	BPO AUTO PARTS	\$3.58		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752886	PURCHASE DISCOUNTS	(\$0.07)		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752887	BPO AUTO PARTS	\$9.20		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 752887	PURCHASE DISCOUNTS	(\$0.18)		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753021	BPO AUTO PARTS	\$79.54		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753021	PURCHASE DISCOUNTS	(\$1.59)		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753032	BPO AUTO PARTS	\$101.39		
123365	2025-05-21	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753032	PURCHASE DISCOUNTS	(\$2.03)		
		Total for Check:	123365			\$223.43	\$3,122.03
123366	2025-05-21	NORTHWEST MOSQUITO AND VECTOR	Inv# 1699	BPO FOR MOSQUITO CONTROL	\$266.12		
		Total for Check:	123366			\$266.12	\$5,571.33
123367	2025-05-21	ODP BUSINESS SOLUTIONS LLC	Inv# 419586350001		\$65.23		
123367	2025-05-21	ODP BUSINESS SOLUTIONS LLC	Inv# 419586350001		\$65.23		
		Total for Check:	123367			\$130.46	\$4,090.34
123368	2025-05-21	ONESOURCE DISTRIBUTORS INC.	Inv# S007908795.001	OCAL ST190-G 90D ST1-G JHAMMER	\$548.30		

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123368	2025-05-21	ONESOURCE DISTRIBUTORS INC.	Inv# S007908795.001	OCAL ST190-G 90D ST1-G	\$353.85		
123368	2025-05-21	ONESOURCE DISTRIBUTORS INC.	JHAMMER Inv# S007908795.001	PURCHASE DISCOUNTS	(\$8.30)		
Total for Check:		123368				\$893.85	\$282,580.54
123369	2025-05-21	P.L HAWN COMPANY INC	Inv# 210856	Filters for HVAC JSMITH	\$698.17		
123369	2025-05-21	P.L HAWN COMPANY INC	Inv# 210856	Filters for HVAC JSMITH	\$261.26		
123369	2025-05-21	P.L HAWN COMPANY INC	Inv# 210856	Filters for HVAC JSMITH	\$158.56		
123369	2025-05-21	P.L HAWN COMPANY INC	Inv# 210856	Filters for HVAC JSMITH	\$125.54		
123369	2025-05-21	P.L HAWN COMPANY INC	Inv# 210856	Filters for HVAC JSMITH	\$83.92		
123369	2025-05-21	P.L HAWN COMPANY INC	Inv# 210856	Filters for HVAC JSMITH	\$23.70		
123369	2025-05-21	P.L HAWN COMPANY INC	Inv# 210856	Filters for HVAC JSMITH	\$21.49		
123369	2025-05-21	P.L HAWN COMPANY INC	Inv# 210856	Filters for HVAC JSMITH	\$7.60		
Total for Check:		123369				\$1,380.24	\$13,667.78
123370	2025-05-21	PACIFIC MECHANICAL SUPPLY	Inv# 5388964	Cage Stock Items - Maintenance	\$2,196.15		
123370	2025-05-21	PACIFIC MECHANICAL SUPPLY	Inv# 5388964	Discount	(\$20.19)		
Total for Check:		123370				\$2,175.96	\$32,553.35
123371	2025-05-21	PACWEST SECURITY SERVICES	Inv# 0C39675	4/7-20 extra security	\$160.52		
Total for Check:		123371				\$160.52	\$389,071.96
123372	2025-05-21	PAPER RECYCLING & SHREDDING SPECIALIST	Inv# 599902	ON-SITE SHREDDING	\$288.00		
Total for Check:		123372				\$288.00	\$1,728.00
123373	2025-05-21	PHENOMENEX INC.	Inv# CIUS-25029944	Lab supplies	\$3,784.51		
123373	2025-05-21	PHENOMENEX INC.	Inv# CIUS-25029944	SHIPPING	\$37.59		
123373	2025-05-21	PHENOMENEX INC.	Inv# CIUS-25029944	PURCHASE DISCOUNTS	(\$70.29)		
Total for Check:		123373				\$3,751.81	\$90,490.81
123374	2025-05-21	PIKE, JAMES EDWIN	Inv# 319	Apr25 Prado Basin vireo	\$15,853.50		
Total for Check:		123374				\$15,853.50	\$52,670.00
123375	2025-05-21	PREMIER FITNESS SERVICE	Inv# 97232	BPO FITNESS EQUIPMENT	\$250.00		
Total for Check:		123375				\$250.00	\$790.00
123376	2025-05-21	PRUDENTIAL GROUP INSURANCE	Inv# C00694, B252925 MAY2025	Life Insurance May25	\$38,337.70		
Total for Check:		123376				\$38,337.70	\$418,559.12
123377	2025-05-21	PURCOR PEST SOLUTIONS	Inv# 12525536	BPO RODENT CONTROL	\$525.00		
Total for Check:		123377				\$525.00	\$7,810.00

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123378	2025-05-21	QUINN COMPANY	Inv# PC830433907	BPO EQUIPMENT & SUPPLIES	\$256.04		
123378	2025-05-21	QUINN COMPANY	Inv# PR830222157	partial refund for inv PC83043	(\$184.99)		
		Total for Check:	123378			\$71.05	\$91,934.69
123379	2025-05-21	RICOH USA INC	Inv# 5071305766	BPO FOR PRADO COPIES	\$51.11		
		Total for Check:	123379			\$51.11	\$606.86
123380	2025-05-21	INTERSTATE BILLING SERVICE, INC.	Inv# 3041606896	BPO TRUCK PARTS	\$1,001.96		
		Total for Check:	123380			\$1,001.96	\$4,243.39
123381	2025-05-21	SAN JUAN ELEMENTARY SCHOOL	Inv# R5122763	Bus Transport Reimbursement WF	\$450.00		
		Total for Check:	123381			\$450.00	\$450.00
123382	2025-05-21	SANTA ANA UNIFIED SCHOOL DISTRICT	Inv# 8735	Bus Reimbursement - Jim Thorpe	\$900.00		
123382	2025-05-21	SANTA ANA UNIFIED SCHOOL DISTRICT	Inv# 8754	Bus reimbursement Franklin Ele	\$500.00		
123382	2025-05-21	SANTA ANA UNIFIED SCHOOL DISTRICT	Inv# 8766	Bus reimbursement A, Lincoln	\$1,125.14		
		Total for Check:	123382			\$2,525.14	\$2,525.14
123383	2025-05-21	SANTA ANA WATERSHED ASSOCIATION	Inv# 2025-40	1369	\$4,891.71		
		Total for Check:	123383			\$4,891.71	\$103,961.24
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$2,302.01		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$1,091.03		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$460.85		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$420.42		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$418.96		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$333.02		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$257.91		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$169.56		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$138.79		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$138.39		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$122.55		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$108.78		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$56.70		
123385	2025-05-21	SC FUELS	Inv# 1030907	Public Affairs	\$53.06		

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123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$45.51		
123385	2025-05-21	SC FUELS	Inv# 1030907	BPO UNLEADED FUEL	\$42.57		
Total for Check: 123385						\$6,160.11	\$100,013.99
123386	2025-05-21	SCHORR METALS INC.	Inv# 2013301	BPO METAL SUPPLIES	\$72.43		
123386	2025-05-21	SCHORR METALS INC.	Inv# 2013301	Discount	(\$0.67)		
Total for Check: 123386						\$71.76	\$2,937.64
123387	2025-05-21	SIDEPATH INC.	Inv# 23859	1723	\$416.14		
Total for Check: 123387						\$416.14	\$121,756.03
123388	2025-05-21	SOUTH COAST AIR QUALITY	Inv# 4526653	AQMD FEE JUL 24 - JUN 25	\$167.47		
123388	2025-05-21	SOUTH COAST AIR QUALITY	Inv# 4527959	AQMD FEE JUL 24 - JUN 25	\$167.47		
Total for Check: 123388						\$334.94	\$500.90
123389	2025-05-21	SOUTH COAST A.Q.M.D.	Inv# 4528069	8283 SANTA ANA RIVER	\$167.47		
Total for Check: 123389						\$167.47	\$11,058.40
123390	2025-05-21	CHARTER COMMUNICATIONS	Inv# 187906301050725	05/13/2025 - 06/12/2025	\$3,712.17		
Total for Check: 123390						\$3,712.17	\$41,245.49
123391	2025-05-21	STAPLES ADVANTAGE	Inv# 6029969341	OFFICE SUPPLIES	\$269.90		
123391	2025-05-21	STAPLES ADVANTAGE	Inv# 6030058090		\$346.58		
Total for Check: 123391						\$616.48	\$12,844.35
123392	2025-05-21	TETRA TECH, INC.	Inv# 52414471	thru 3/28 PFAS Fullerton wo#5A	\$8,214.00		
123392	2025-05-21	TETRA TECH, INC.	Inv# 52414473	thru 3/28 PFAS GSWC wo#6	\$1,162.00		
123392	2025-05-21	TETRA TECH, INC.	Inv# 52414474	thru 3/28 PFAS Fullerton 5,6,8	\$67,412.50		
Total for Check: 123392						\$76,788.50	\$1,013,957.69
123393	2025-05-21	TOM'S TRUCK CENTER, INC	Inv# 1365490	BPO FORD PARTS	\$85.20		
123393	2025-05-21	TOM'S TRUCK CENTER, INC	Inv# 1365490	Freight	\$25.00		
Total for Check: 123393						\$110.20	\$3,701.60
123394	2025-05-21	TUCKER ELLIS LLP	Inv# 1020193	Mar25 legal/Sabic	\$280.00		
Total for Check: 123394						\$280.00	\$58,421.10
123395	2025-05-21	TUSTIN UNIFIED SCHOOL DISTRICT	Inv# 25437	Transportation Reimbursement	\$521.90		
Total for Check: 123395						\$521.90	\$521.90
123396	2025-05-21	UNIFIRST CORPORATION	Inv# 2190334194	1557	\$54.25		
123396	2025-05-21	UNIFIRST CORPORATION	Inv# 2190334196	1557	\$16.77		
123396	2025-05-21	UNIFIRST CORPORATION	Inv# 2190334199	1557	\$278.44		

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123396	2025-05-21	UNIFIRST CORPORATION	Inv# 2190334201	1557	\$10.78		
123396	2025-05-21	UNIFIRST CORPORATION	Inv# 2190334213	1557	\$172.16		
123396	2025-05-21	UNIFIRST CORPORATION	Inv# 2190334216	1557	\$22.22		
123396	2025-05-21	UNIFIRST CORPORATION	Inv# 2190334511	1557	\$460.96		
123396	2025-05-21	UNIFIRST CORPORATION	Inv# 2200257393	1557	\$49.86		
Total for Check: 123396						\$1,065.44	\$56,787.74
123397	2025-05-21	UNIVAR SOLUTIONS USA	Inv# 52877267, CM 97838519	1/22 diff of 50400 & 40400	\$1,106.37		
123397	2025-05-21	UNIVAR SOLUTIONS USA	Inv# 52877267, CM 97838519	discount	(\$22.14)		
123397	2025-05-21	UNIVAR SOLUTIONS USA	Inv# 53015755	5/14 23.555 ton sulfuric acid	\$5,558.98		
123397	2025-05-21	UNIVAR SOLUTIONS USA	Inv# 53015755	discount	(\$111.18)		
123397	2025-05-21	UNIVAR SOLUTIONS USA	Inv# 53015756	5/14 23.564 ton sulfuric acid	\$5,561.10		
123397	2025-05-21	UNIVAR SOLUTIONS USA	Inv# 53015756	discount	(\$111.22)		
Total for Check: 123397						\$11,981.91	\$362,834.73
123398	2025-05-21	UTILIQUEST LLC	Inv# 342258-Q	4/13-19 screen/mark pipes	\$1,465.28		
123398	2025-05-21	UTILIQUEST LLC	Inv# 342258-Q	4/13-19 screen/mark pipes	\$470.56		
123398	2025-05-21	UTILIQUEST LLC	Inv# 342258-Q	4/13-19 screen/mark pipes	\$384.19		
123398	2025-05-21	UTILIQUEST LLC	Inv# 342258-Q	4/13-19 screen/mark pipes	\$104.77		
123398	2025-05-21	UTILIQUEST LLC	Inv# 342258-Q	4/13-19 screen/mark pipes	\$17.33		
Total for Check: 123398						\$2,442.13	\$90,366.43
123399	2025-05-21	VALLEY CITIES/GONZALES FENCE INC.	Inv# 2883	Electrical Panel Enclosure Up	\$6,090.00		
123399	2025-05-21	VALLEY CITIES/GONZALES FENCE INC.	Inv# 2883	Electrical Panel Enclosure Up	\$5,120.00		
Total for Check: 123399						\$11,210.00	\$27,885.00
123400	2025-05-21	VWR INTERNATIONAL LLC	Inv# 8818836175		\$244.69		
123400	2025-05-21	VWR INTERNATIONAL LLC	Inv# 8818836175		\$47.44		
123400	2025-05-21	VWR INTERNATIONAL LLC	Inv# 8818855094	Lab supplies	\$489.38		
123400	2025-05-21	VWR INTERNATIONAL LLC	Inv# 8818855095	Generated by reorder 4/2/25 8:	\$365.40		
Total for Check: 123400						\$1,146.91	\$84,782.46
123401	2025-05-21	VertiGIS North America Ltd.	Inv# IN-VGNA-00008294	Renew VertiGIS Studio SW Maint	\$2,863.00		
Total for Check: 123401						\$2,863.00	\$2,863.00

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123402	2025-05-21	WATER REPLENISHMENT DISTRICT	Inv# 001-2502	Feb25 alamos 36.97 acft	\$57,001.52		
123402	2025-05-21	WATER REPLENISHMENT DISTRICT	Inv# 001-DEC24CAP		\$14,866.88		
Total for Check: 123402						\$71,868.40	\$2,211,210.05
978766	2025-05-15	BOOKY OREN GLOBAL WATER TECHNOLOGIES LTD	Inv# 010000079	Apr25 operation efficiency stu	\$5,000.00		
Total for Check: 978766						\$5,000.00	\$67,500.00
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967646	5/5 4935 gal hypochlorite	\$8,497.58		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967646	CA mill	\$208.19		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967646	discount	(\$169.96)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967647	5/5 4830 gal hypochlorite	\$8,316.78		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967647	CA mill	\$203.76		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967647	discount	(\$166.34)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967648	5/5 4861 gal hypochlorite	\$8,370.16		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967648	CA mill	\$205.07		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967648	discount	(\$167.40)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967649	5/5 4808 gal hypochlorite	\$8,278.90		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967649	CA mill	\$202.83		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967649	discount	(\$165.58)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967754	5/6 4935 gal hypochlorite	\$8,497.58		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967754	CA mill	\$208.19		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967754	discount	(\$169.95)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967755	5/6 4812 gal hypochlorite	\$8,285.78		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967755	CA mill	\$203.00		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967755	discount	(\$165.72)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967756	5/6 4903 gal hypochlorite	\$8,442.48		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967756	CA mill	\$206.84		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967756	discount	(\$168.85)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967757	5/6 4893 gal hypochlorite	\$8,425.26		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967757	CA mill	\$206.42		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967757	discount	(\$168.51)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967972	5/8 4853 gal hypochlorite	\$8,356.38		

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978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967972	CA mill	\$204.73		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967972	discount	(\$167.13)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967973	5/8 4820 gal hypochlorite	\$6,094.71		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967973	5/8 4820 gal hypochlorite	\$2,204.85		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967973	CA mill	\$203.34		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967973	discount	(\$165.99)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967974	5/8 4934 gal hypochlorite	\$8,495.85		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967974	CA mill	\$208.15		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967974	discount	(\$169.92)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967991	5/8 4877 gal hypochlorite	\$8,397.71		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967991	CA mill	\$205.74		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 967991	discount	(\$167.95)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968084	5/9 4859 gal hypochlorite	\$8,366.71		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968084	CA mill	\$204.98		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968084	discount	(\$167.33)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968085	5/9 4847 gal hypochlorite	\$8,346.05		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968085	CA mill	\$204.48		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968085	discount	(\$166.92)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968104	5/9 4998 gal hypochlorite	\$8,606.06		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968104	CA mill	\$210.85		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968104	discount	(\$172.12)		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968105	5/9 4857 gal hypochlorite	\$8,363.27		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968105	CA mill	\$204.90		
978767	2025-05-15	JCI JONES CHEMICAL, INC	Inv# 968105	discount	(\$167.27)		
Total for Check: 978767						\$134,950.64	\$5,125,388.78
978768	2025-05-21	NGUYEN, PHILLIP	Inv# CK 2387	FINAL PR CK 2387	\$1,082.26		
Total for Check: 978768						\$1,082.26	\$1,082.26
Run Date: 5/21/2025					\$4,437,880.76	\$4,437,880.76	

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123360	2025-05-21	PIKE, DONNA	Inv# FVPETTY CASH 03.25- 05.08	FV PettyCash	(\$1,033.17)		
Total for Check: 123360						(\$1,033.17)	\$4,715.16
123395	2025-05-21	TUSTIN UNIFIED SCHOOL DISTRICT	Inv# 25437	Transportation Reimbursement	(\$521.90)		
Total for Check: 123395						(\$521.90)	\$524.86
123403	2025-05-28	ACCO ENGINEERED SYSTEMS	Inv# 145595 DISC	Disc for Inv 145595	(\$58.62)		
123403	2025-05-28	ACCO ENGINEERED SYSTEMS	Inv# 20687509	May25 HVAC maintenance	\$8,930.00		
Total for Check: 123403						\$8,871.38	\$228,157.62
123404	2025-05-28	ACCUSTANDARD, INC.	Inv# 1025581	Lab supplies	\$109.63		
123404	2025-05-28	ACCUSTANDARD, INC.	Inv# 1025581	SHIPPINH / HANDLING	\$57.00		
Total for Check: 123404						\$166.63	\$16,283.26
123405	2025-05-28	AECOM TECHNICAL SERVICES, INC.	Inv# 2001013694	3/1-4/4 PFAS grant funding	\$5,746.74		
Total for Check: 123405						\$5,746.74	\$428,411.00
123406	2025-05-28	AGILENT TECHNOLOGIES, INC.	Inv# 130006404	Lab supplies	\$1,653.70		
123406	2025-05-28	AGILENT TECHNOLOGIES, INC.	Inv# 130006404	SHIPPING / HANDLING	\$8.00		
Total for Check: 123406						\$1,661.70	\$192,375.60
123407	2025-05-28	AIR SITES 2000 LLC	Inv# 20134	REPEATER SITE LEASE, MONTHLY	\$450.00		
Total for Check: 123407						\$450.00	\$4,500.00
123408	2025-05-28	ALLISON MECHANICAL, INC.	Inv# 88520	HVAC maintenance (Anaheim and	\$1,325.00		
123408	2025-05-28	ALLISON MECHANICAL, INC.	Inv# 88535	HVAC maintenance (Anaheim and	\$425.00		
Total for Check: 123408						\$1,750.00	\$28,943.80
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 13KQ-L3FK-4LXD	Generated by reorder 4/9/25 6:	\$320.18		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 13NW-LVRP-6W1K S	research center supplies DON	\$31.53		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 13NW-LVRP-6W1K S	research center supplies DON	\$28.26		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1J4W-DTP1-H1DF	Stock	\$65.12		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1J4W-DTP1-H1DF	Stock	\$17.82		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1K6L-L3YP-9N1W	AMAZON PARTS	\$51.09		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1MGM-H1RW-476C	equipment for fitness room	\$158.21		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1MGM-H1RW-476C	equipment for fitness room	\$138.10		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1T9P-PP44-9LF9	JSMITH	\$85.00		

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123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1V4X-3P9X-743K	TR-37 PRESSURE WASHER	\$65.24		
			RICHE O				
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1WQQ-LLXQ-6NMN	AMAZON PARTS	\$37.14		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1Y4Q-FPDV-P4DG	Batteries & accessories	\$82.56		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1Y4Q-FPDV-P4DG	Batteries & accessories	\$78.26		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1Y4Q-FPDV-P4DG	Batteries & accessories	\$19.55		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1Y4Q-FPDV-P4DG	Batteries & accessories	\$16.49		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1Y4Q-FPDV-P4DG	Batteries & accessories	\$13.03		
123410	2025-05-28	AMAZON CAPITAL SERVICES, INC	Inv# 1Y4Q-FPDV-P4DG	Batteries & accessories	\$12.31		
Total for Check: 123410						\$1,219.89	\$38,703.94
123411	2025-05-28	AMAZON WEB SERVICES INC	Inv# 2151165045	R&D CLOUD ACCOUNT	\$150.71		
Total for Check: 123411						\$150.71	\$3,170.81
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 110196000_20250516	04/15/2025 to 05/14/2025	\$24.13		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 110198000_20250516	04/15/2025 to 05/14/2025	\$209.96		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 110199000_20250516	04/15/2025 to 05/14/2025	\$94,379.83		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 110200001_20250516	04/14/2025 to 05/13/2025	\$19.00		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 110202002_20250516	04/15/2025 to 05/14/2025	\$43.72		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 110452300_20250519	04/14/2025 to 05/14/2025	\$427.64		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 110561300_20250519	04/14/2025 to 05/14/2025	\$201.88		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 110562000_20250519	04/16/2025 to 05/15/2025	\$3,148.85		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 111128000_20250519	04/16/2025 to 05/15/2025	\$308.97		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 118602000_20250519	04/16/2025 to 05/15/2025	\$24.13		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 129051000_20250516	04/15/2025 to 05/14/2025	\$24.13		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 137310300_20250519	04/15/2025 to 05/14/2025	\$34.22		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 140776000_20250519	04/16/2025 to 05/15/2025	\$67.07		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 145085300_20250519	04/15/2025 to 05/14/2025	\$72.62		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 145086300_20250519	04/15/2025 to 05/14/2025	\$26.54		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 147092000_20250519	04/16/2025 to 05/15/2025	\$159.90		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 151869000_20250516	04/15/2025 to 05/14/2025	\$54.46		
123413	2025-05-28	ANAHEIM, CITY OF	Inv# 151942300_20250516	04/14/2025 to 05/13/2025	\$45.33		
Total for Check: 123413						\$99,272.38	\$660,352.37
123414	2025-05-28	ASSI SECURITY	Inv# SD22272	CCTV SERVICE	\$750.00		
123414	2025-05-28	ASSI SECURITY	Inv# SD22273	CCTV SERVICE	\$1,350.00		

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		Total for Check:	123414			\$2,100.00	\$70,717.32
123415	2025-05-28	AT & T	Inv# 714 974-3616_20250511	05/11/2025 - 06/10/2025	\$92.90		
		Total for Check:	123415			\$92.90	\$2,619.59
123416	2025-05-28	AT & T	Inv# 000023495676	04/17/2025 - 05/16/2025	\$442.99		
		Total for Check:	123416			\$442.99	\$4,665.65
123417	2025-05-28	BAY ALARM COMPANY	Inv# 22171990	1529	\$1,185.19		
		Total for Check:	123417			\$1,185.19	\$15,389.56
123418	2025-05-28	BAY CITY INDUSTRIAL SUPPLY	Inv# 295549	Repair Mechanical Seal for Bar	\$1,106.14		
123418	2025-05-28	BAY CITY INDUSTRIAL SUPPLY	Inv# 295549	Shipping and Handling	\$43.34		
123418	2025-05-28	BAY CITY INDUSTRIAL SUPPLY	Inv# 295549	Discount	(\$10.17)		
		Total for Check:	123418			\$1,139.31	\$21,443.02
123419	2025-05-28	BEAR COMMUNICATIONS INC.	Inv# 5884769	CWEF - RADIOS	\$965.70		
123419	2025-05-28	BEAR COMMUNICATIONS INC.	Inv# 5884769	CWEF - RADIOS	\$402.38		
123419	2025-05-28	BEAR COMMUNICATIONS INC.	Inv# 5884769	CWEF - RADIOS	\$108.75		
		Total for Check:	123419			\$1,476.83	\$1,476.83
123420	2025-05-28	BIS SAFETY SOFTWARE INC.	Inv# BIS65749	BIS Software	\$981.72		
		Total for Check:	123420			\$981.72	\$9,861.26
123421	2025-05-28	BPS SUPPLY GROUP	Inv# S3223880.001	Generated by reorder 5/5/25 9:	\$74.70		
123421	2025-05-28	BPS SUPPLY GROUP	Inv# S3223880.001	Shipping	\$13.36		
123421	2025-05-28	BPS SUPPLY GROUP	Inv# S3223880.001	Handling	\$4.35		
123421	2025-05-28	BPS SUPPLY GROUP	Inv# S3223880.001	Discount	(\$1.37)		
		Total for Check:	123421			\$91.04	\$7,364.50
123422	2025-05-28	BRENNTAG PACIFIC INC.	Inv# BPI518773	05/14 11.2640 ton caustic soda	\$8,280.73		
123422	2025-05-28	BRENNTAG PACIFIC INC.	Inv# BPI518773	carbon emission control	\$168.96		
123422	2025-05-28	BRENNTAG PACIFIC INC.	Inv# BPI518773	superfund tax	\$9.02		
123422	2025-05-28	BRENNTAG PACIFIC INC.	Inv# BPI518773	Discount	(\$169.17)		
123422	2025-05-28	BRENNTAG PACIFIC INC.	Inv# BPI519138	5/20 39780 lb H.Peroxide	\$9,945.00		
123422	2025-05-28	BRENNTAG PACIFIC INC.	Inv# BPI519138	Discount	(\$198.90)		
123422	2025-05-28	BRENNTAG PACIFIC INC.	Inv# BPI519905	5/22 43520 lb citric acid	\$30,195.27		
123422	2025-05-28	BRENNTAG PACIFIC INC.	Inv# BPI519905	discount	(\$603.91)		
		Total for Check:	123422			\$47,627.00	\$1,762,297.56
123423	2025-05-28	CALGON CARBON CORPORATION	Inv# 90202621		\$3,708.38		
123423	2025-05-28	CALGON CARBON CORPORATION	Inv# 90202621		\$1,026.24		

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Total for Check:		123423				\$4,734.62	\$12,906.52
123424	2025-05-28	CALIAGUA INC	Inv# 07 SA-2023-1	Prog.Pmt#7 SA-2023-1	\$271,225.00		
123424	2025-05-28	CALIAGUA INC	Inv# 20 ORA-2022-1	Prog.Pmt#20 ORA-2022-1	\$587,290.00		
123424	2025-05-28	CALIAGUA INC	Inv# 20 ORA-2022-1	Prog.Pmt#20 ORA-2022-1	\$111,038.85		
Total for Check:		123424				\$969,553.85	\$18,802,976.71
123425	2025-05-28	PACIFIC PREMIER BANK	Inv# ESC 20231011-7499 RET#20 ORA-2022-1	Ret#20 Caliagua	\$30,910.00		
123425	2025-05-28	PACIFIC PREMIER BANK	Inv# ESC 20231011-7499 RET#20 ORA-2022-1	Ret#20 Caliagua	\$5,844.15		
Total for Check:		123425				\$36,754.15	\$297,202.40
123426	2025-05-28	PACIFIC PREMIER BANK	Inv# ESC 20240924-4103 RET#7 SA-2023-1	Ret#7 Caliagua	\$14,275.00		
Total for Check:		123426				\$14,275.00	\$78,457.93
123427	2025-05-28	CCS FACILITY SERVICES-ORANGE COUNTY INC.	Inv# 695099	1602	\$13,449.00		
123427	2025-05-28	CCS FACILITY SERVICES-ORANGE COUNTY INC.	Inv# 695099	1602	\$1,582.00		
123427	2025-05-28	CCS FACILITY SERVICES-ORANGE COUNTY INC.	Inv# 695099	1602	\$501.00		
Total for Check:		123427				\$15,532.00	\$184,120.00
123428	2025-05-28	CDM SMITH, INC.	Inv# 90233021	3/9-4/12 PFAS G.Grove wo#4	\$25,028.65		
Total for Check:		123428				\$25,028.65	\$134,912.17
123429	2025-05-28	CHARLES P. CROWLEY CO,	Inv# 33886	3ITT Mod. JC1J Pumps JSMITH	\$43,297.01		
123429	2025-05-28	CHARLES P. CROWLEY CO,	Inv# 33886	Freight	\$261.60		
123429	2025-05-28	CHARLES P. CROWLEY CO,	Inv# 33890	3ITT Mod. JC1J Pumps JSMITH	\$86,594.01		
123429	2025-05-28	CHARLES P. CROWLEY CO,	Inv# 33890	Freight	\$431.95		
Total for Check:		123429				\$130,584.57	\$149,299.61
123430	2025-05-28	CITY OF LONG BEACH	Inv# 41859	Mar25 Alamitos 65.20 af	\$100,538.40		
Total for Check:		123430				\$100,538.40	\$1,300,493.95
123431	2025-05-28	CLIMATEC LLC	Inv# 957011876		\$609.00		
123431	2025-05-28	CLIMATEC LLC	Inv# 957011876		\$30.00		
123431	2025-05-28	CLIMATEC LLC	Inv# 957011876		\$44.04		
Total for Check:		123431				\$683.04	\$1,476.58
123432	2025-05-28	COAST TO COAST COMPUTER PRODUCTS	Inv# A2786342	Generated by reorder 4/17/25 6	\$421.95		

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123432	2025-05-28	COAST TO COAST COMPUTER PRODUCTS	Inv# A2786342	Generated by reorder 4/17/25 6	\$241.17		
123432	2025-05-28	COAST TO COAST COMPUTER PRODUCTS	Inv# A2786342	Generated by reorder 4/17/25 6	\$90.05		
123432	2025-05-28	COAST TO COAST COMPUTER PRODUCTS	Inv# A2786350	Generated by reorder 4/17/25 6	\$90.05		
Total for Check: 123432						\$843.22	\$3,222.77
123433	2025-05-28	COUNTY OF RIVERSIDE	Inv# IN1037201	Level I Handler Permit Fee	\$987.00		
Total for Check: 123433						\$987.00	\$987.00
123434	2025-05-28	CPI INTERNATIONAL	Inv# 20069274	Lab supplies	\$519.83		
123434	2025-05-28	CPI INTERNATIONAL	Inv# 20069274	Shipping	\$22.24		
123434	2025-05-28	CPI INTERNATIONAL	Inv# 20069274	Discount	(\$9.56)		
123434	2025-05-28	CPI INTERNATIONAL	Inv# 20069287	Lab supplies	\$137.02		
123434	2025-05-28	CPI INTERNATIONAL	Inv# 20069287	Lab supplies	\$89.18		
123434	2025-05-28	CPI INTERNATIONAL	Inv# 20069287	shipping	\$44.48		
123434	2025-05-28	CPI INTERNATIONAL	Inv# 20069287	Discount	(\$4.16)		
Total for Check: 123434						\$799.03	\$17,779.01
123435	2025-05-28	CSUF ASC	Inv# AR175069	MOU FY2023/2026 YR2 Q4	\$16,947.36		
Total for Check: 123435						\$16,947.36	\$67,789.44
123436	2025-05-28	CUTTING EDGE SUPPLY CO.	Inv# 069045	TL-35 Attachment - broom cutti	\$378.81		
123436	2025-05-28	CUTTING EDGE SUPPLY CO.	Inv# 069045	TL-35 Attachment - broom cutti	\$57.71		
Total for Check: 123436						\$436.52	\$66,185.81
123437	2025-05-28	DDB ENGINEERING, INC.	Inv# IN202527	Apr25 2024 GWRS report	\$13,420.00		
Total for Check: 123437						\$13,420.00	\$69,562.00
123438	2025-05-28	DEVAUL PAINT COMPANY	Inv# 00122320	PAINT SUPPLIES	\$583.99		
123438	2025-05-28	DEVAUL PAINT COMPANY	Inv# 00122320	Discount	(\$10.74)		
123438	2025-05-28	DEVAUL PAINT COMPANY	Inv# 00122449	PAINT SUPPLIES	\$261.87		
123438	2025-05-28	DEVAUL PAINT COMPANY	Inv# 00122449	Discount	(\$4.82)		
Total for Check: 123438						\$830.30	\$4,745.31
123439	2025-05-28	EDELSTEIN GILBERT ROBSON AND SMITH	Inv# 2242	Apr25 legis.support/SACTO	\$8,000.00		
Total for Check: 123439						\$8,000.00	\$88,000.00
123440	2025-05-28	ENGINEERING ANALYTICS, INC	Inv# 25-0390	thru 4/25 South Basin FS	\$5,217.47		
Total for Check: 123440						\$5,217.47	\$18,941.73

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123441	2025-05-28	ENS RESOURCES, INC.	Inv# 3852	Apr25 legis.support/D.C.	\$8,000.00		
		Total for Check:	123441			\$8,000.00	\$88,000.00
123442	2025-05-28	EUROFINS EATON ANALYTICAL	Inv# 3800083438	BPO WATER ANALYSIS	\$216.30		
		Total for Check:	123442			\$216.30	\$3,984.00
123443	2025-05-28	EXCELSIOR ELEVATOR	Inv# 36755	BPO ELEVATOR SERVICE	\$583.33		
		Total for Check:	123443			\$583.33	\$12,765.70
123444	2025-05-28	FACTORY MOTOR PARTS	Inv# 164-404107	BPO AUTO PARTS	\$37.45		
123444	2025-05-28	FACTORY MOTOR PARTS	Inv# 164-404673	BPO AUTO PARTS	\$47.67		
123444	2025-05-28	FACTORY MOTOR PARTS	Inv# 164-404886	BPO AUTO PARTS	\$209.00		
123444	2025-05-28	FACTORY MOTOR PARTS	Inv# 164-407132	Original Invoice 164-404886	(\$209.00)		
		Total for Check:	123444			\$85.12	\$20,944.42
123445	2025-05-28	FEDERAL EXPRESS CORPORATION	Inv# 8-870-81791	Package Delivery	\$411.19		
123445	2025-05-28	FEDERAL EXPRESS CORPORATION	Inv# 8-870-81792	Package Delivery	\$23.59		
		Total for Check:	123445			\$434.78	\$16,339.66
123446	2025-05-28	FILMTEC CORP	Inv# 952373402	MF MEMBRANE MODULES	\$292,133.38		
123446	2025-05-28	FILMTEC CORP	Inv# 952373402	MF MEMBRANE MODULES	\$44,000.00		
		Total for Check:	123446			\$336,133.38	\$5,314,491.05
123447	2025-05-28	FISHER SCIENTIFIC CO.	Inv# 0317375	Lab supplies	\$119.12		
123447	2025-05-28	FISHER SCIENTIFIC CO.	Inv# 0317376	Lab supplies	\$97.02		
123447	2025-05-28	FISHER SCIENTIFIC CO.	Inv# 0384339	Lab supplies	\$717.93		
123447	2025-05-28	FISHER SCIENTIFIC CO.	Inv# 0384339	Lab supplies	\$141.81		
123447	2025-05-28	FISHER SCIENTIFIC CO.	Inv# 0412981	Lab supplies	\$889.58		
123447	2025-05-28	FISHER SCIENTIFIC CO.	Inv# 0412982	Lab supplies	\$2,668.73		
		Total for Check:	123447			\$4,634.19	\$289,798.53
123448	2025-05-28	FITCH RATINGS INC.	Inv# 7119111047	SURVEILLANCE 06.01.25-05.31.26	\$4,000.00		
		Total for Check:	123448			\$4,000.00	\$26,500.00
123449	2025-05-28	FLEET SERVICES INC	Inv# 01P159291	T-124 Water truck transfer cas	\$583.11		
123449	2025-05-28	FLEET SERVICES INC	Inv# 01P159291	T-124 Water truck transfer cas	\$267.33		
123449	2025-05-28	FLEET SERVICES INC	Inv# 01P159291	T-124 Water truck transfer cas	\$227.83		
123449	2025-05-28	FLEET SERVICES INC	Inv# 01P159291	T-124 Water truck transfer cas	\$88.42		
		Total for Check:	123449			\$1,166.69	\$3,565.77

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123450	2025-05-28	FRONTIER COMMUNICATIONS	Inv# 209-150-2229_20250516	05/16/2025 - 06/15/2025	\$80.49		
Total for Check: 123450						\$80.49	\$58,345.13
123451	2025-05-28	FRUIT GROWERS LABORATORY INC	Inv# 500456A	BPO RADIOACTIVITY ANAYLSIS	\$551.00		
123451	2025-05-28	FRUIT GROWERS LABORATORY INC	Inv# 500732A	BPO RADIOACTIVITY ANAYLSIS	\$343.00		
123451	2025-05-28	FRUIT GROWERS LABORATORY INC	Inv# 503476A	BPO RADIOACTIVITY ANAYLSIS	\$220.00		
123451	2025-05-28	FRUIT GROWERS LABORATORY INC	Inv# 505736A	BPO RADIOACTIVITY ANAYLSIS	\$51.00		
123451	2025-05-28	FRUIT GROWERS LABORATORY INC	Inv# 505736A	BPO RADIOACTIVITY ANAYLSIS	\$20.00		
Total for Check: 123451						\$1,185.00	\$35,668.00
123452	2025-05-28	FUEL SERV	Inv# 25-215S	R23017 - Supply and install (1	\$14,850.00		
Total for Check: 123452						\$14,850.00	\$27,550.00
123453	2025-05-28	GEOTECH ENVIRONMENTAL EQUIPMENT, INC.	Inv# IN00802537	WELL PUMPS	\$4,567.50		
123453	2025-05-28	GEOTECH ENVIRONMENTAL EQUIPMENT, INC.	Inv# IN00802537	WELL PUMPS	\$282.75		
123453	2025-05-28	GEOTECH ENVIRONMENTAL EQUIPMENT, INC.	Inv# IN00802537	FREIGHT	\$56.18		
123453	2025-05-28	GEOTECH ENVIRONMENTAL EQUIPMENT, INC.	Inv# IN00802537	PURCHASE DISCOUNTS	(\$44.60)		
Total for Check: 123453						\$4,861.83	\$7,462.17
123454	2025-05-28	GOLDEN WEST WINDOW SERVICE	Inv# 26638	LAB EXTERIOR WINDOW CLEANING	\$4,875.00		
Total for Check: 123454						\$4,875.00	\$4,875.00
123456	2025-05-28	GRAINGER INC.	Inv# 9488439564	Generated by reorder 4/24/25 6	\$871.89		
123456	2025-05-28	GRAINGER INC.	Inv# 9488585069	BPO INDUSTRIAL SUPPLIES	\$527.47		
123456	2025-05-28	GRAINGER INC.	Inv# 9488585069	BPO INDUSTRIAL SUPPLIES	\$13.55		
123456	2025-05-28	GRAINGER INC.	Inv# 9488585077	BRYANT- Locking Plug, L7-15P,	\$206.68		
123456	2025-05-28	GRAINGER INC.	Inv# 9488918294	Generated by reorder 4/24/25 6	\$3,929.16		
123456	2025-05-28	GRAINGER INC.	Inv# 9490038206	BPO INDUSTRIAL SUPPLIES	\$131.46		
123456	2025-05-28	GRAINGER INC.	Inv# 9490780914	Generated by reorder 4/23/25 1	\$41.22		
123456	2025-05-28	GRAINGER INC.	Inv# 9491074903	BPO INDUSTRIAL SUPPLIES	\$172.77		
123456	2025-05-28	GRAINGER INC.	Inv# 9491458072	Generated by reorder 4/23/25 1	\$224.77		

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123456	2025-05-28	GRAINGER INC.	Inv# 9491458072	Generated by reorder 4/23/25 1	\$118.17		
123456	2025-05-28	GRAINGER INC.	Inv# 9491458072	Generated by reorder 4/23/25 1	\$110.95		
123456	2025-05-28	GRAINGER INC.	Inv# 9491458072	Generated by reorder 4/23/25 1	\$57.60		
123456	2025-05-28	GRAINGER INC.	Inv# 9491458072	Generated by reorder 4/23/25 1	\$39.44		
123456	2025-05-28	GRAINGER INC.	Inv# 9491458072	Generated by reorder 4/23/25 1	\$25.96		
123456	2025-05-28	GRAINGER INC.	Inv# 9492979787	BPO INDUSTRIAL SUPPLIES	\$3.43		
123456	2025-05-28	GRAINGER INC.	Inv# 9493087101	BPO INDUSTRIAL SUPPLIES	\$60.92		
123456	2025-05-28	GRAINGER INC.	Inv# 9494455554	MULTIPLE REQ-JHAM, JSMITH, AH	\$1,163.96		
123456	2025-05-28	GRAINGER INC.	Inv# 9494455554	MULTIPLE REQ-JHAM, JSMITH, AH	\$695.42		
123456	2025-05-28	GRAINGER INC.	Inv# 9494455554	MULTIPLE REQ-JHAM, JSMITH, AH	\$137.35		
123456	2025-05-28	GRAINGER INC.	Inv# 9494717045	Generated by reorder 4/17/25 7	\$3,329.36		
Total for Check: 123456						\$11,861.53	\$205,417.56
123457	2025-05-28	HABITAT WEST	Inv# 91568	4/7 agmt 1683 Corona on call	\$3,129.40		
123457	2025-05-28	HABITAT WEST	Inv# 91569	4/1,9,11,15,18 agmt 1542	\$9,394.80		
Total for Check: 123457						\$12,524.20	\$276,561.86
123458	2025-05-28	HAMILTON COMPANY	Inv# INV-273325	Lab supplies	\$1,964.03		
123458	2025-05-28	HAMILTON COMPANY	Inv# INV-273325	Lab supplies	\$1,964.03		
123458	2025-05-28	HAMILTON COMPANY	Inv# INV-273325	Lab supplies	\$1,518.70		
123458	2025-05-28	HAMILTON COMPANY	Inv# INV-273325	Lab supplies	\$1,393.09		
123458	2025-05-28	HAMILTON COMPANY	Inv# INV-273325	Lab supplies	\$989.63		
123458	2025-05-28	HAMILTON COMPANY	Inv# INV-273325	Freight Charges	\$10.97		
123458	2025-05-28	HAMILTON COMPANY	Inv# INV-273325	Handling Charges	\$1.22		
Total for Check: 123458						\$7,841.67	\$11,342.32
123459	2025-05-28	HAZEN AND SAWYER	Inv# 20232-001-6A	2/1-3/31 PFAS Anaheim wo#2	\$80,285.00		
123459	2025-05-28	HAZEN AND SAWYER	Inv# 20232-001-6B	2/1-3/31 PFAS Anah 48/53 wo#2	\$80,126.25		
123459	2025-05-28	HAZEN AND SAWYER	Inv# 20232-002-5	2/1-3/31 PFAAS GG 22,26,27 wo#	\$166,081.40		
Total for Check: 123459						\$326,492.65	\$954,763.90
123460	2025-05-28	HOME DEPOT CREDIT SERVICES	Inv# 3524657	BPO INDUSTRIAL SUPPLIES	\$83.94		
123460	2025-05-28	HOME DEPOT CREDIT SERVICES	Inv# 8613998	BPO INDUSTRIAL SUPPLIES	\$40.88		
Total for Check: 123460						\$124.82	\$33,179.38
123461	2025-05-28	HUNTINGTON BEACH HONDA	Inv# 2504148	HG-27 GENERATOR STARTER RICHIE	\$134.68		
Total for Check: 123461						\$134.68	\$134.68

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123462	2025-05-28	HYDROTECH ZS CONSULTING	Inv# INV13655	CALIBRATION FLUID	\$1,585.15		
123462	2025-05-28	HYDROTECH ZS CONSULTING	Inv# INV13655	CALIBRATION FLUID	\$528.36		
123462	2025-05-28	HYDROTECH ZS CONSULTING	Inv# INV13655	CALIBRATION FLUID	\$528.36		
123462	2025-05-28	HYDROTECH ZS CONSULTING	Inv# INV13655	CALIBRATION FLUID	\$320.00		
		Total for Check:	123462			\$2,961.87	\$6,417.87
123463	2025-05-28	Harasty, Alicia	Inv# APRIL 25, 2025 TRAVEL	4/25 SACTO ACWA SLC	\$17.25		
123463	2025-05-28	Harasty, Alicia	Inv# MAY 13-15 2025 TRAVEL-2	5/13-15 Monterey ACWA Spring	\$218.28		
		Total for Check:	123463			\$235.53	\$5,038.16
123464	2025-05-28	IDS GROUP INC	Inv# 22X079.00-9	REFURBISH LAB WASH ROOM	\$13,321.50		
		Total for Check:	123464			\$13,321.50	\$35,045.90
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$3,846.96		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$2,115.27		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$1,407.99		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$1,247.76		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$1,183.02		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$996.16		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$516.85		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$506.55		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$175.41		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270800	1730	\$37.52		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270803	switch for Boardroom	\$402.20		
123466	2025-05-28	INSIGHT PUBLIC SECTOR, INC	Inv# 1101270803	switch for Boardroom	\$33.62		
		Total for Check:	123466			\$12,469.31	\$84,718.84
123467	2025-05-28	IRVINE PIPE & SUPPLY CO	Inv# S120781664.001	BPO PIPE SUPPLIES	\$284.34		
123467	2025-05-28	IRVINE PIPE & SUPPLY CO	Inv# S120781664.001	BPO PIPE SUPPLIES	\$15.98		
123467	2025-05-28	IRVINE PIPE & SUPPLY CO	Inv# S120781664.001	PURCHASE DISCOUNTS	(\$5.50)		
		Total for Check:	123467			\$294.82	\$56,226.24
123468	2025-05-28	JDETIPS INC	Inv# 26669	1-YEAR SUBSCRIPTION	\$296.00		
		Total for Check:	123468			\$296.00	\$296.00
123469	2025-05-28	KONICA MINOLTA BUSINESS SOLUTIONS USA IN	Inv# 501840174	BPO COPY CHARGES	\$24.30		

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123469	2025-05-28	KONICA MINOLTA BUSINESS SOLUTIONS USA IN	Inv# 501933377	BPO COPY CHARGES	\$25.24		
123469	2025-05-28	KONICA MINOLTA BUSINESS SOLUTIONS USA IN	Inv# 501933662	BPO COPY CHARGES	\$73.84		
123469	2025-05-28	KONICA MINOLTA BUSINESS SOLUTIONS USA IN	Inv# 501934116	BPO COPY CHARGES	\$68.88		
Total for Check: 123469						\$192.26	\$21,351.00
123470	2025-05-28	LHOIST NORTH AMERICA	Inv# 1102508053	4/27 lime(2) 25.02 & 25.25 ton	\$22,529.02		
123470	2025-05-28	LHOIST NORTH AMERICA	Inv# 1102508054	4/30 lime(2) 25.20 & 25.27 ton	\$22,618.63		
Total for Check: 123470						\$45,147.65	\$1,643,479.18
123471	2025-05-28	LILLESTRAND LEADERSHIP CONSULTING	Inv# 8147	4/29-30 leadership consulting	\$1,350.00		
Total for Check: 123471						\$1,350.00	\$38,225.00
123472	2025-05-28	LONG BEACH COMPRESSOR INC	Inv# 13879	Kaeser Vacuum Pump Service	\$540.00		
123472	2025-05-28	LONG BEACH COMPRESSOR INC	Inv# 13879	Kaeser Vacuum Pump Service	\$484.32		
123472	2025-05-28	LONG BEACH COMPRESSOR INC	Inv# 13879	Kaeser Vacuum Pump Service	\$57.00		
Total for Check: 123472						\$1,081.32	\$12,781.64
123473	2025-05-28	MCFADDEN-DALE HARDWARE CO.	Inv# 577430/5	BPO INDUSTRIAL SUPPLIES	\$56.03		
123473	2025-05-28	MCFADDEN-DALE HARDWARE CO.	Inv# 577430/5	PURCHASE DISCOUNTS	(\$1.56)		
123473	2025-05-28	MCFADDEN-DALE HARDWARE CO.	Inv# 577564/5	BPO INDUSTRIAL SUPPLIES	\$96.11		
123473	2025-05-28	MCFADDEN-DALE HARDWARE CO.	Inv# 577564/5	PURCHASE DISCOUNTS	(\$2.68)		
123473	2025-05-28	MCFADDEN-DALE HARDWARE CO.	Inv# 577703/5	BPO INDUSTRIAL SUPPLIES	\$62.01		
123473	2025-05-28	MCFADDEN-DALE HARDWARE CO.	Inv# 577703/5	PURCHASE DISCOUNTS	(\$1.73)		
Total for Check: 123473						\$208.18	\$6,467.72
123474	2025-05-28	MCMaster-CARR SUPPLY COMPANY	Inv# 45908123	Generated by reorder 5/16/25 1	\$23.23		
123474	2025-05-28	MCMaster-CARR SUPPLY COMPANY	Inv# 45908123	Generated by reorder 5/16/25 1	\$9.09		
123474	2025-05-28	MCMaster-CARR SUPPLY COMPANY	Inv# 45908123	Purchase Discounts	(\$0.46)		
Total for Check: 123474						\$31.86	\$17,404.12
123475	2025-05-28	METTLER-TOLEDO RAININ LLC	Inv# 679222419	Lab pipette service	\$168.02		
123475	2025-05-28	METTLER-TOLEDO RAININ LLC	Inv# 679222419	Lab pipette service	\$114.80		
123475	2025-05-28	METTLER-TOLEDO RAININ LLC	Inv# 679222419	Lab pipette service	\$23.55		
123475	2025-05-28	METTLER-TOLEDO RAININ LLC	Inv# 679222419	Freight Charges	\$16.00		

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123475	2025-05-28	METTLER-TOLEDO RAININ LLC	Inv# 679222419	Lab pipette service	\$7.88		
Total for Check: 123475						\$330.25	\$1,758.42
123476	2025-05-28	MUNICIPAL MAINTENANCE EQUIP	Inv# 035728	RT-56 Repair (Tiger mower)	\$1,077.59		
123476	2025-05-28	MUNICIPAL MAINTENANCE EQUIP	Inv# 035728		\$34.72		
Total for Check: 123476						\$1,112.31	\$5,198.39
123477	2025-05-28	NAPA AUTO PARTS	Inv# 151370	BPO TRUCK PARTS	\$39.54		
123477	2025-05-28	NAPA AUTO PARTS	Inv# 15370	BPO TRUCK PARTS	\$39.54		
Total for Check: 123477						\$79.08	\$16,608.30
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 751263.2	Original invoice 748682/742858	(\$91.96)		
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753572	BPO AUTO PARTS	\$41.29		
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753572	PURCHASE DISCOUNTS	(\$0.83)		
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753718	BPO AUTO PARTS	\$186.65		
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753718	BPO AUTO PARTS	\$106.95		
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753718	PURCHASE DISCOUNTS	(\$5.87)		
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753762	BPO AUTO PARTS	\$81.60		
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753762	PURCHASE DISCOUNTS	(\$1.63)		
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753765	BPO AUTO PARTS	\$17.93		
123478	2025-05-28	NAPA/ORANGE COUNTY AUTO PARTS	Inv# 753765	PURCHASE DISCOUNTS	(\$0.33)		
Total for Check: 123478						\$333.80	\$3,455.83
123479	2025-05-28	Nguyen, Viethuong T.	Inv# INTERNET REIMB APR2025	INTERNET REIMB	\$84.25		
123479	2025-05-28	Nguyen, Viethuong T.	Inv# INTERNET REIMB MAY2025	INTERNET REIMB	\$84.25		
Total for Check: 123479						\$168.50	\$1,002.42
123480	2025-05-28	ORANGE COUNTY CONSERVATION CORPS	Inv# 05012025-OCWDADOPT removal	Apr25 graffiti-trash	\$2,798.33		

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		Total for Check:	123480			\$2,798.33	\$33,579.96
123481	2025-05-28	ORANGE COUNTY EMPLOYEE ASSOCIATION	Inv# OCEAMAY2025	OCEA DUES MAY 2025	\$1,455.30		
		Total for Check:	123481			\$1,455.30	\$35,851.20
123482	2025-05-28	ORANGE COUNTY TREASURER-TAX COLLECTOR	Inv# E01-706.1 JUN2025	OCFCD Lease Jun2025	\$5,833.00		
		Total for Check:	123482			\$5,833.00	\$62,735.25
123483	2025-05-28	PACE ANALYTICAL	Inv# 2527B516036	BPO WATER QUALITY ANALYSES	\$279.00		
123483	2025-05-28	PACE ANALYTICAL	Inv# 2527B516036	EDD - Flat Charge	\$50.00		
123483	2025-05-28	PACE ANALYTICAL	Inv# 2527B516036	Environmental Impact Fee	\$35.00		
123483	2025-05-28	PACE ANALYTICAL	Inv# 2527B516036	Sample Disposal Fee	\$9.00		
123483	2025-05-28	PACE ANALYTICAL	Inv# 2527B516275	BPO WATER QUALITY ANALYSES	\$279.00		
123483	2025-05-28	PACE ANALYTICAL	Inv# 2527B516275	EDD - Flat Charge	\$50.00		
123483	2025-05-28	PACE ANALYTICAL	Inv# 2527B516275	Environmental Impact Fee	\$35.00		
123483	2025-05-28	PACE ANALYTICAL	Inv# 2527B516275	Sample Disposal Fee	\$9.00		
		Total for Check:	123483			\$746.00	\$3,405.00
123484	2025-05-28	PACIFIC HYDROTECH CORPORATION	Inv# 7 SA-2023-2	Prog.Pmt#7 SA-2023-2	\$195,448.25		
		Total for Check:	123484			\$195,448.25	\$3,362,512.13
123485	2025-05-28	AMERICAN BUSINESS BANK	Inv# ESC 8656803 RET#7	Ret#7 P.Hydro SA-2023-2	\$10,286.75		
		Total for Check:	123485			\$10,286.75	\$81,751.25
123486	2025-05-28	PACWEST SECURITY SERVICES	Inv# 0C39794	May25 security service	\$39,170.86		
		Total for Check:	123486			\$39,170.86	\$428,242.82
123487	2025-05-28	PENDERGRAFT, REX	Inv# JUNE 2025	Retiree Cash Medical Jun2025	\$512.45		
		Total for Check:	123487			\$512.45	\$5,549.40
123488	2025-05-28	PERKINELMER U.S LLC	Inv# 441228611		\$580.98		
123488	2025-05-28	PERKINELMER U.S LLC	Inv# 441228611	Freight	\$58.00		
		Total for Check:	123488			\$638.98	\$66,973.24
123489	2025-05-28	Parmar, Prem	Inv# APRIL 22-25 2025 TRAVEL CWEA	4/22-25 Palm Springs	\$305.69		
		Total for Check:	123489			\$305.69	\$913.64
123490	2025-05-28	QUINN COMPANY	Inv# PCA00494464	BPO EQUIPMENT & SUPPLIES	\$92.42		
		Total for Check:	123490			\$92.42	\$92,027.11
123491	2025-05-28	RBA BUILDERS LLC	Inv# PA3-251601-R1	Prog.Pmt#3 LAB-2024-1	\$309,515.32		

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Total for Check:		123491				\$309,515.32	\$444,750.38
123492	2025-05-28	RED WING SHOE CO. INC.	Inv# 854-1-66312	BPO WORK BOOTS	\$198.25		
Total for Check:		123492				\$198.25	\$10,574.53
123493	2025-05-28	SALCO DYNAMIC SOLUTIONS INC.	Inv# 119590	Generated by reorder 4/17/25 8	\$124.39		
123493	2025-05-28	SALCO DYNAMIC SOLUTIONS INC.	Inv# 119590	delivery	\$27.19		
123493	2025-05-28	SALCO DYNAMIC SOLUTIONS INC.	Inv# 119590	Discount	(\$2.79)		
Total for Check:		123493				\$148.79	\$25,632.51
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$2,230.50		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$1,031.99		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$953.55		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$559.06		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$490.24		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$271.11		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$248.68		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$238.84		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$167.55		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$93.06		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$92.93		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$82.86		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$69.77		
123495	2025-05-28	SC FUELS	Inv# 1037440	BPO UNLEADED FUEL	\$55.41		
Total for Check:		123495				\$6,585.55	\$106,599.54
123496	2025-05-28	SOUTHERN TIRE MART LLC	Inv# 7090046374	RO: T-149 WQ TRUCK TIRES	\$646.15		
123496	2025-05-28	SOUTHERN TIRE MART LLC	Inv# 7090046374	RO: T-149 WQ TRUCK TIRES	\$90.00		
123496	2025-05-28	SOUTHERN TIRE MART LLC	Inv# 7090046374	RO: T-149 WQ TRUCK TIRES	\$20.00		
123496	2025-05-28	SOUTHERN TIRE MART LLC	Inv# 7090046374	RO: T-149 WQ TRUCK TIRES	\$7.00		
123496	2025-05-28	SOUTHERN TIRE MART LLC	Inv# 7090046374	RO: T-149 WQ TRUCK TIRES	\$4.89		
Total for Check:		123496				\$768.04	\$6,651.63
123497	2025-05-28	STAPLES ADVANTAGE	Inv# 6031307844	Generated by reorder 4/24/25 6	\$143.42		
Total for Check:		123497				\$143.42	\$12,987.77
123498	2025-05-28	STATE OF CALIFORNIA	Inv# 12-ORA-057-0010-04 JUN25	Lease Burris	\$810.00		
Total for Check:		123498	Basin-Lease Jun25			\$810.00	\$10,530.00

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Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
123499	2025-05-28	STATE WATER RESOURCES CONTROL BOARD	Inv# C-06-4462-160 2025	GWRS 4462-160 June 2025	\$219,780.05		
Total for Check: 123499						\$219,780.05	\$14,093,245.27
123500	2025-05-28	STATE WATER RESOURCES CONTROL BOARD	Inv# C-06-4462-140 2025	GWRSU1 4462-140 June 2025	\$279,520.58		
Total for Check: 123500						\$279,520.58	\$14,093,245.27
123501	2025-05-28	SUPERIOR SWEEPING LTD.	Inv# 377-0525	BPO STREET SWEEPING	\$450.00		
Total for Check: 123501						\$450.00	\$5,422.00
123502	2025-05-28	TABORDA SOLUTIONS, INC.	Inv# T01644	1721	\$69,367.00		
123502	2025-05-28	TABORDA SOLUTIONS, INC.	Inv# T01644	Jun25 - Apr 26	\$63,586.42		
123502	2025-05-28	TABORDA SOLUTIONS, INC.	Inv# T01644	May 2025	\$5,780.58		
123502	2025-05-28	TABORDA SOLUTIONS, INC.	Inv# T01644	Agmt No 1721- Year 1	(\$69,367.00)		
Total for Check: 123502						\$69,367.00	\$69,367.00
123503	2025-05-28	TITAN ENVIRONMENTAL SOLUTIONS INC	Inv# 11131034	INDUSTRIAL HYG	\$950.00		
123503	2025-05-28	TITAN ENVIRONMENTAL SOLUTIONS INC	Inv# 11131034	INDUSTRIAL HYG	\$750.00		
123503	2025-05-28	TITAN ENVIRONMENTAL SOLUTIONS INC	Inv# 11131034	INDUSTRIAL HYG	\$450.00		
123503	2025-05-28	TITAN ENVIRONMENTAL SOLUTIONS INC	Inv# 11131034	INDUSTRIAL HYG	\$70.00		
Total for Check: 123503						\$2,220.00	\$9,365.00
123504	2025-05-28	TROPICAL PLAZA NURSERY, INC.	Inv# 3679	1255	\$4,437.92		
Total for Check: 123504						\$4,437.92	\$71,767.45
123505	2025-05-28	TUSTIN UNIFIED SCHOOL DISTRICT	Inv# 25437REV	Transportation Reimburs Sycamo	\$524.86		
Total for Check: 123505						\$524.86	\$524.86
123506	2025-05-28	U.S. BANK	Inv# 14700056	US BANK FEES FEB 2025	\$1,178.67		
Total for Check: 123506						\$1,178.67	\$54,143.67
123507	2025-05-28	UNDERGROUND SERVICE ALERT	Inv# 24-253625	7/24 to 6/25 Total Fees	\$297.89		
123507	2025-05-28	UNDERGROUND SERVICE ALERT	Inv# 420250510	UOCW01 New Ticket Charges	\$1,014.55		
Total for Check: 123507						\$1,312.44	\$12,986.71
123508	2025-05-28	UNIFIRST CORPORATION	Inv# 2190337569	1557	\$54.25		
123508	2025-05-28	UNIFIRST CORPORATION	Inv# 2190337572	1557	\$16.77		
123508	2025-05-28	UNIFIRST CORPORATION	Inv# 2190337578	1557	\$303.16		

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Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
123508	2025-05-28	UNIFIRST CORPORATION	Inv# 2190337580	1557	\$10.78		
123508	2025-05-28	UNIFIRST CORPORATION	Inv# 2190337584	1557	\$103.95		
123508	2025-05-28	UNIFIRST CORPORATION	Inv# 2190337586	1557	\$22.22		
123508	2025-05-28	UNIFIRST CORPORATION	Inv# 2190337886	1557	\$486.82		
123508	2025-05-28	UNIFIRST CORPORATION	Inv# 2200259866	1557	\$49.86		
Total for Check: 123508						\$1,047.81	\$57,835.55
123509	2025-05-28	UNITED PARCEL SERVICE	Inv# 0000X81601215_20250524	Package Delivery	\$26.35		
Total for Check: 123509						\$26.35	\$5,115.22
123510	2025-05-28	UNIVERSITY OF WATERLOO	Inv# 31067145	LAB ANALYSIS	\$900.00		
Total for Check: 123510						\$900.00	\$1,800.00
123511	2025-05-28	UTILIQUEST LLC	Inv# 342392-Q	4/20-26 screen/mark pipes	\$1,271.14		
123511	2025-05-28	UTILIQUEST LLC	Inv# 342392-Q	4/20-26 screen/mark pipes	\$741.50		
123511	2025-05-28	UTILIQUEST LLC	Inv# 342392-Q	4/20-26 screen/mark pipes	\$90.89		
123511	2025-05-28	UTILIQUEST LLC	Inv# 342392-Q	4/20-26 screen/mark pipes	\$15.03		
Total for Check: 123511						\$2,118.56	\$92,484.99
123512	2025-05-28	VHG LABORATORIES INC.	Inv# 105304474	lab supplies	\$1,056.00		
123512	2025-05-28	VHG LABORATORIES INC.	Inv# 105304474	lab supplies	\$918.00		
Total for Check: 123512						\$1,974.00	\$7,315.00
123513	2025-05-28	VWR INTERNATIONAL LLC	Inv# 8818882037	Lab supplies	\$849.82		
Total for Check: 123513						\$849.82	\$85,632.28
123514	2025-05-28	WATER DISTRICT JOBS	Inv# 1462504	Job Advertisement	\$145.00		
Total for Check: 123514						\$145.00	\$1,450.00
978769	2025-05-22	HAMADA, ROSE	Inv# CK 2388	FINAL PR CK 2388	\$773.20		
Total for Check: 978769						\$773.20	\$773.20
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968225	5/12 4823 gal hypochlorite	\$8,304.72		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968225	CA mill	\$203.47		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968225	discount	(\$166.09)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968226	5/12 4840 gal hypochlorite	\$8,334.00		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968226	CA mill	\$204.18		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968226	discount	(\$166.68)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968227	5/12 4853 gal hypochlorite	\$8,356.38		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968227	CA mill	\$204.73		

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Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968227	discount	(\$167.13)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968228	5/12 4810 gal hypochlorite	\$8,282.34		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968228	CA mill	\$202.92		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968228	discount	(\$165.65)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968316	5/13 4873 gal hypochlorite	\$8,390.82		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968316	CA mill	\$205.58		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968316	discount	(\$167.82)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968317	5/13 4830 gal hypochlorite	\$8,316.78		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968317	CA mill	\$203.76		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968317	discount	(\$166.34)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968318	5/13 4909 gal hypochlorite	\$8,452.81		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968318	CA mill	\$207.09		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968318	discount	(\$169.06)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968319	5/13 4820 gal hypochlorite	\$8,299.56		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968319	CA mill	\$203.34		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968319	discount	(\$165.99)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968549	5/15 4913 gal hypochlorite	\$8,459.69		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968549	CA mill	\$207.26		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968549	discount	(\$169.19)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968550	5/15 4804 gal hypochlorite	\$8,272.01		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968550	CA mill	\$202.66		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968550	discount	(\$165.44)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968551	5/15 4873 gal hypochlorite	\$8,390.82		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968551	CA mill	\$205.58		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968551	discount	(\$167.82)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968552	5/15 5010 gal hypochlorite	\$8,626.72		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968552	CA mill	\$211.35		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968552	discount	(\$172.53)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968659	5/16 4900 gal hypochlorite	\$8,437.31		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968659	CA mill	\$206.71		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968659	discount	(\$168.75)		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968660	5/16 4822 gal hypochlorite	\$8,303.00		

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Check No.	Date	Vendor Name	Invoice #	Purpose	Invoice Amount	Check Amount	FYTD
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968660	CA mill	\$203.42		
978770	2025-05-22	JCI JONES CHEMICAL, INC	Inv# 968660	discount	(\$166.06)		
Total for Check: 978770						\$117,754.46	\$5,243,143.24
978771	2025-05-22	CALIFORNIA DEPARTMENT OF TAX & FEE ADMIN	Inv# 024-792532 Q2 PP1 06010 code 06010	Use Tax 024-7925352	\$1,143.00		
Total for Check: 978771						\$1,143.00	\$26,947.30
978772	2025-05-27	WELLS FARGO BANK	Inv# MAY 28, 2025 GARN C-REG Garn C-Reg	PR11 May 28,25 6911	\$351.80		
Total for Check: 978772						\$351.80	\$24,489,112.72
978773	2025-05-27	WELLS FARGO BANK	Inv# MAY 28, 2025 GARN ABF Garn ABF	PR11 May 28,25 6911	\$1,985.54		
Total for Check: 978773						\$1,985.54	\$24,489,112.72
978774	2025-05-27	WELLS FARGO BANK	Inv# MAY 28, 2025 ID6527	PR11 May 28, 2025 ID6527	\$44,973.16		
Total for Check: 978774						\$44,973.16	\$24,489,112.72
978775	2025-05-27	WELLS FARGO BANK	Inv# MAY 28, 2025 ID6911	PR11 May 28, 2025 ID 6911	\$964,055.32		
Total for Check: 978775						\$964,055.32	\$24,489,112.72
978776	2025-05-28	FIDELITY INVESTMENTS	Inv# MAY 28, 2025 401A	PR11 May 28, 2025 401A	\$254,186.97		
Total for Check: 978776						\$254,186.97	\$6,178,073.52
978777	2025-05-28	FIDELITY INVESTMENTS	Inv# MAY 28, 2025 457B 89148	PR 11 May 28, 2025 Plan	\$102,144.82		
Total for Check: 978777						\$102,144.82	\$2,585,631.33
978778	2025-05-27	CITIBANK NA NEW YORK, ABA	Inv# 2005ASWAP PMT 04.25-05.27 04.25-05.27.25	2005A SWAP PMT	\$31,338.46		
Total for Check: 978778						\$31,338.46	\$263,881.99
Run Date: 5/28/2025					\$5,017,753.61	\$5,017,753.61	

AGENDA ITEM SUBMITTAL

Meeting Date: June 4, 2025

To: Board of Directors

From: John Kennedy

Staff Contact: J. Dadakis/M. Patel

Budgeted: No

Budgeted Amount: \$0

Cost Estimate: \$88,735

Funding Source: Reserves

Program/ Line Item No. 1046.53001.9922

General Counsel Approval: N/A

Engineers/Feasibility Report: N/A

CEQA Compliance: N/A

**Subject: AGREEMENT WITH TRUSSEL TECHNOLOGIES FOR GWRS
DECARBONATION SYSTEM OPTIMIZATION & FEASIBILITY STUDY**

SUMMARY

Staff recommend issuing a Professional Service Agreement to Trussell Technologies, Inc. to perform an optimization and feasibility study for the GWRS decarbonation system. Optimizing the decarbonation system operations has the potential to enhance the removal of volatile organic compounds (VOCs) while still providing appropriate stabilization of the purified recycled water before its distribution for recharge and injection into the groundwater basin. Trussell Technologies possesses significant relevant experience, strong technical qualifications, and excellent familiarity with the large-scale decarbonation systems employed at projects like GWRS, while also having worked successfully for the District on similar water quality and treatment evaluations.

Attachment: Trussell Technologies, Inc. proposal dated May 29, 2025

RECOMMENDATION

Authorize issuance of a Professional Services Agreement to Trussell Technologies, Inc. for an amount not to exceed \$88,735 to provide consulting services to conduct a GWRS Decarbonation System Optimization & Feasibility Study.

BACKGROUND/ANALYSIS

Since the beginning of calendar year 2025, the District's operational and required permit compliance monitoring for the Groundwater Replenishment System (GWRS) have detected the presence of dichloromethane (DCM), also known as methylene chloride. DCM is a volatile organic compound (VOC) and common ingredient in paint thinners, degreasers, adhesives, and sealants. In April 2024, the United States Environmental Protection Agency (EPA) finalized a DCM ban in consumer uses/products effective May 2025 and in commercial uses by May 2026; the bans were driven by human health risks including cancer and neurotoxicity effects from skin and inhalation exposures, primarily associated with workers using DCM.

The recent DCM detections have occurred in both the influent source water for GWRS (the secondary treated wastewater effluent supplied by Orange County Sanitation

District [OC San]) and the GWRS final product water distributed for groundwater recharge and injection.

OC San's final effluent complies with all effluent discharge limits as specified in its National Pollutant Discharge Elimination System permit which includes an average monthly Performance Goal of 4.26 parts per billion (ppb) for DCM. On average, OC San removes over 80% of DCM within its secondary wastewater treatment process.

Results of required quarterly compliance testing of GWRS final product water have not exceeded the OCWD's permit limit of 5 ppb for DCM, which corresponds to its state and federal EPA drinking water maximum contaminant level (MCL). However, the core GWRS treatment processes of microfiltration (MF), reverse osmosis (RO), and ultraviolet light + advanced oxidation (UV-AOP) provide minimal removal of DCM due to its low molecular weight, neutral charge, and resistance to standard advanced oxidation.

The detection of DCM in GWRS source and finished water is unusual and seldom occurred prior to 2025. As such, District staff informed OC San of the DCM detections in early 2025. In response, OC San initiated accelerated DCM testing in an effort to characterize the magnitude, consistency, and persistence of the DCM detections and investigate potential source(s). The ongoing level of effort for collecting and analyzing samples for volatile organic compounds at OC San is more than 4.5 times higher than required by its NPDES permit. The initial testing by OC San shows that the DCM levels tend to spike and dissipate very quickly in the collection system making upstream investigation difficult.

District staff has also begun assessing the efficacy of the GWRS decarbonation process to remove DCM. The decarbonation process currently removes excess carbon dioxide (CO₂) from about 25% of the plant flow via air stripping aeration towers located after the UV-AOP step, with the remaining 75% of the plant flow bypassed around the towers and therefore not decarbonated. This partial decarbonation strategy provides sufficient dissolved CO₂ after the decarbonated and non-decarbonated streams recombine such that the subsequent hydrated lime (calcium hydroxide) addition results in the desired stabilized final product water chemistry (e.g., pH, alkalinity, specific mineral content). This stabilization is required due to the near complete demineralization of GWRS water by the RO process and prevents the final product water from being corrosive and damaging the distribution pipelines, injection wells, and recharge structures, plus it helps inhibit the high-purity product water from mobilizing native aquifer contaminants (such as metals).

Initial testing of the GWRS decarbonation system effluent has indicated consistently excellent removal of DCM (>95%), confirming that the air stripping technique is effective at removing VOCs. However, as mentioned previously, only 25% of the plant flow receives decarbonation/air stripping, thereby providing only a limited ability to reduce GWRS finished product water DCM concentrations. Increasing the percentage of decarbonated/air stripped plant flow presents two significant challenges:

- 1) The current decarbonation bypass to treatment ratio of 75 : 25 is determined primarily by the current pH and alkalinity post-treatment targets. Increasing the

amount of decarbonation/air stripping makes it more challenging to deliver a consistently stabilized final product water via lime addition.

- 2) The current GWRS decarbonation system is comprised of seven 12 million gallons per day (MGD) aeration towers. As such, even if the proportion of plant flow receiving decarbonation can be safely increased while meeting stabilization requirements, current decarbonation capacity only allows for a maximum of ~65% of the plant's maximum production (84 MGD of 130 MGD) to be decarbonated/air stripped.

To help review and assess the feasibility of overcoming these challenges, staff recommend hiring the water quality engineering firm of Trussell Technologies (TT) to review current GWRS decarbonation and post-treatment operations; TT would then provide recommendations for how the system can be operated with increased decarbonation/DCM removal while still providing the necessary post-treatment stabilization. TT will also provide preliminary operating and capital cost estimates associated with increased decarbonation via the existing GWRS air stripping aeration system or an expanded one, as well as relative costs of potentially feasible non-decarbonation/air stripping treatment options.

TT has significant experience with the design and operation of large-scale post-treatment system for multiple projects like GWRS, including for the City of San Diego, Metropolitan Water District, City of Santa Monica, City of Oceanside, Monterey One Water, and Soquel Creek Water District. Furthermore, TT successfully partnered with the District to complete a Water Research Foundation post-treatment evaluation and optimization study in 2020; through this effort, TT gained a strong familiarity with the GWRS post-treatment system design and operations. The District also engaged TT previously to review the proposed water quality specifications, requirements, and associated effects on groundwater quality associated with the Poseidon Huntington Beach seawater desalination project. TT's scope of work with associated fee for the proposed GWRS decarbonation system optimization and feasibility study is attached.

PRIOR RELEVANT BOARD ACTION(S)

9/21/16, R16-09-125: Authorize execution of Consulting Services Subcontract with Trussell Technologies in support of the project, "Evaluating Post Treatment Challenges for Potable Reuse Applications (WRRF-16-01)" through which OCWD will receive \$35,000 compensation;



May 29, 2025

Mr. Jason Dadakis
Executive Director of Water Quality and Technical Resources
Orange County Water District
18700 Ward Street
Fountain Valley, CA, 92708

Subject: Support for OCWD's Water Quality and Treatment Project for a Chemical Intermittently Observed in Treated Water

Dear Mr. Dadakis,

We are pleased to submit the enclosed proposal to support Orange County Water District (OCWD) with the evaluation of management strategies for a chemical that has been periodically detected within the past two years at the Groundwater Replenishment System (GWRS). The chemical is dichloromethane (DCM), also known as methylene chloride. Trussell will evaluate the water quality available in the secondary treated source wastewater, evaluate concentrations throughout the GWRS treatment train, as well as evaluate the current effectiveness of existing decarbonators to remove DCM and the cost of expanding them in terms of both number and sizing, as appropriate.

We are looking forward to working with you on this project. I am available to discuss all aspects of this proposal in further detail, as needed.

Respectfully,

A handwritten signature in black ink that reads "David R. Hokanson".

David R. Hokanson, Ph.D., P.E., BCEE
Trussell Technologies, Inc.
Ph. 626-318-5247
Email: davidh@trusselltech.com



SCOPE OF WORK

Support for OCWD's Water Quality and Treatment Project for a Chemical Intermittently Observed in GWRS Finished Product Water

The Orange County Water District (OCWD) has recently observed dichloromethane (DCM, also known as methylene chloride, MC) in its treatment train for its Groundwater Replenishment System (GWRS). The project team will evaluate occurrence throughout the treatment train including post treatment. This includes GWRS influent, MF, RO, UV advanced oxidation process (UV-AOP), decarbonator, decarbonator bypass, and finished product water after lime addition.

TASK 1 – Deliverables and Project Management

Throughout the project, Trussell will communicate information needs and keep OCWD apprised of progress on a regular basis. This task includes development of an RFI and review of past TMs and other information to be provided by OCWD listed in Deliverable #1 below. The RFI will also request water quality data for 2023 – present from the onset of DCM being observed in the GWRS treatment train. The water quality data provided in response to the RFI will be evaluated in later tasks most notably Tasks 2 and 3. The TMs/additional information reviewed under this task will be summarized in the draft and final TM. This task includes a virtual kickoff meeting, a virtual meeting to review the draft TM, and an in-person meeting to present the final TM to OCWD. Agendas and minutes will be prepared for each meeting. Three deliverables listed below are included under this task including the draft and final TM, as well as the final TM presentation. There is also a small amount of budget for monthly invoicing.

Deliverables:

1. *RFI requesting water quality data and review of the following TMs/info to be provided by OCWD: (a) 2010 Black & Veatch GWRS Initial Expansion TM 4 – Lime/Post-Treatment Operation Evaluation; (b) 2010 Lime Post Treatment Operations TM to NWRI GWRS Independent Advisory Panel (IAP); (c) 2010 Lime Post Treatment Operations Presentation to NWRI GWRS IAP; (d) 2018 Black & Veatch GWRS Treatment Process Evaluation Memorandum 2; (e) 2020 WRF 4780 Report: Evaluating Post Treatment Challenges for Potable Reuse Applications; (f) 2022 GWRS Operation Optimization Plan (OOP) Section 11: Decarbonation/Post-Treatment (Area 700); 2023 OCWD responses to AWPf Stabilization Practice Survey for Metropolitan's PWSC.*
2. *Meetings*
3. *Draft TM*
4. *Final TM incorporating OCWD comments*
5. *Final TM presentation slide deck*

TASK 2 – Review GWRS DCM Occurrence Data

The project team will evaluate occurrence data from the time DCM appeared in the GWRS treatment train to the present. The data to be evaluated include the GWRS influent, the MF effluent, the RO effluent, the UV-AOP effluent, the decarbonator effluent, the decarbonator bypass, and the finished product water after lime addition. The fraction of water that bypasses the decarbonator will be evaluated.



The fraction of wastewater feeding the GWRS from Plant 1 and Plant 2 and the proportion of AS to TF wastewater from Plant 1 will also be considered. The occurrence evaluation will be conducted with data provided by the OCWD and summarized in the Task 1 draft and final TM deliverable.

TASK 3 – Review current post-treatment operations (partial decarbonation plus hydrated lime addition)

This task will evaluate existing post treatment operations. The existing post treatment targets will be considered including pH, alkalinity, Al, LSI, CCPP, TDS, etc. The related pH limits for current GWRS permit (WDR, pH 6 – 9) and anticipated future GWRS permit (NPDES, pH 6.5 – 8.5) will also be considered. Recent water quality data will be compared to the post treatment targets. This task will also review bypass percentage and lime dose.

TASK 4 – Develop decarbonation system operating alternatives

This task will evaluate whether the existing plant can support increased decarbonation (i.e., reduced bypass) and still meet current post-treatment targets. This task will determine the minimum bypass (maximum decarbonation) that the current plant can feasibly support considering current hydraulic capacity and post-treatment targets. This task will assess whether additional loading/flow on the existing decarbonators (equipped with single speed fan motors) will result in different (i.e., lesser) DCM removal performance as compared to that documented at current (~25%) bypass.

This task will estimate any changes to operating costs associated with proposed alternatives (e.g., lime dose). This task will identify any operational downsides to proposed alternatives (e.g., increased risk of pipeline corrosion or injection well fouling, more complicated decarbonator or lime operations, etc.). This task will assess whether the source water mix from OC San P1 (currently 80% nitrified/partially denitrified AS + 20% TF) and P2 (100% TF/SC) can be optimized to help mitigate for DCM and/or support decarbonator optimization, including the use of existing secondary effluent flow equalization (SEFE) facilities. For any proposed operation alternatives, the project team will develop a recommended implementation strategies (e.g., incremental change to full-scale facility, pilot testing, additional studies/investigation/analysis etc.).

TASK 5 – Assess cost and feasibility of 100% decarbonation

This task will determine the cost to procure and install additional decarbonation units. It will also assess the ability to meet current post-treatment targets or determine whether new post-treatment targets need to be established. Task 5 will also evaluate how using any updated post-treatment targets may affect (a) the ideal OC San source water makeup (see Task 4); (b) decarbonator operations; (c) lime system dose and operations; (d) product water distribution pipeline integrity (primarily concrete mortar lined steel pipe); (e) NDMA reformation; (f) recharge and injection well fouling; (g) aquifer metals mobilization; and (h) other relevant processes. Trussell will use its extensive experience with post treatment issues, the GWRS, and potable reuse to address items (a) through (h) via an internal Trussell workshop with key experts. This task will address permitting issues including the Air Quality Management District (AQMD) for deliberately treating a VOC and any required treatment of off-gas (including preliminary estimate of capital and



O&M cost), as well as any other permit requirements driven by mitigating DCM. This task will also recommend implementation strategies (e.g., pilot testing, additional studies/investigation/analysis).

TASK 6 –Provide an initial assessment of other feasible non-decarbonator treatment methods for DCM removal for addition to GWRS treatment train (e.g., GAC contactors).

This task will provide an initial assessment of other feasible non-decarbonator treatment methods, if any, for DCM removal for addition to GWRS treatment train (e.g., GAC contactors). The analysis will include estimated relative capital and O&M costs for identified feasible alternatives to expanded decarbonation facilities. Task 6 will include recommendations for further study or assessment for each feasible alternative.

SCHEDULE

The proposed schedule is presented for each task, with deliverables indicated, in the following table. The schedule assumes a notice-to-proceed for a start date of June 4, 2025. Meetings will be held as shown, with a kickoff meeting in early June, a draft TM review meeting in early August, and a TM presentation meeting in late August. A draft TM will be provided in late-July and a final TM in mid-August. Trussell’s rate sheet is included at the end of this SOW.

PROJECT SCHEDULE
SUPPORT FOR OCWD’S WATER QUALITY AND TREATMENT PROJECT FOR A CHEMICAL INTERMITTENTLY OBSERVED IN GWRS FINISHED PRODUCT WATER

TASK DESCRIPTION	MARKER INDICATION	MONTHS		
		JUNE	JULY	AUGUST
T1 Project Management	RFI, MEETINGS	●●		●●
	DRAFT TM, FINAL TM		●	●
T2 Occurrence Evaluation				
T3 Existing Post Treatment Evaluation				
T4 Decarbonator Alternatives Evaluation				
T5 Feasibility/cost of 100% Decarbonation'				
T6 Non-Decarbonator Treatment Options				

PROPOSED FEE

Our proposed professional fee for the scope of work outlined above is \$88,735. The following table shows the budget breakdown.



Task No.	Staff Classification					ODC's			Total
		Principal Engineer II	Engineer II	Total Labor Hours	Cost	Production	Mileage	Misc	
		Hourly Billing Rate	\$360	\$220					
1	Project Management	35	90	125	\$ 32,400.00	\$ -	\$ 95.00	\$ -	\$ 32,495.00
1.1	RFI requesting data and TMs/info from OCWD including review of TMs/other info		10	10	\$ 2,200.00				\$ 2,200.00
1.2	Meetings	10	12	22	\$ 6,240.00		\$ 95.00		\$ 6,335.00
1.3	Draft TM	15	45	60	\$ 15,300.00				\$ 15,300.00
1.4	Final TM	6	12	18	\$ 4,800.00				\$ 4,800.00
1.5	Final TM Presentation Slide Deck	4	8		\$ 3,200.00				\$ 3,200.00
1.6	Invoicing		3	3	\$ 660.00				\$ 660.00
2	Review GWRS DCM Occurrence Data	4	21	25	\$ 6,060.00	\$ -	\$ -	\$ -	\$ 6,060.00
2.1	Review GWRS influent, MF effluent, RO effluent, decarbonator full treatment and bypass, and finished product water	3	18		\$ 5,040.00				\$ 5,040.00
2.2	Review wastewater influent and effluent (CAS and TF)	1	3		\$ 1,020.00				\$ 1,020.00
3	Review current post-treatment operations	9	24	33	\$ 8,520.00	\$ -	\$ -	\$ -	\$ 8,520.00
3.1	Review current post-treatment targets and related pH limits	6	12		\$ 4,800.00				\$ 4,800.00
3.2	Review of the recent water quality data compared to post-treatment targets	2	8		\$ 2,480.00				\$ 2,480.00
3.3	Review bypass percentage and lime dose	1	4		\$ 1,240.00				\$ 1,240.00
4	Develop decarbonation system operating alternatives	18	42	60	\$ 13,760.00	\$ -	\$ -	\$ -	\$ 13,760.00
4.1	Evaluate feasibility of increased decarbonation to mitigate DCM and continue to meet post treatment targets	4	16		\$ 4,960.00				\$ 4,960.00
4.2	Evaluate if increased flow reduces effectiveness of DCM removal for existing decarbonators	2	4		\$ 1,600.00				\$ 1,600.00
4.3	Estimate changes to operating cost with proposed alternatives	2	8		\$ 2,480.00				\$ 2,480.00
4.4	Identify operational downsides with proposed alternatives	4	4		\$ 2,320.00				\$ 2,320.00
4.5	Can source water mix from Plant 1 and Plant 2 be optimized to help mitigate DCM	3	4						
4.6	Develop recommended implementation strategy	3	6		\$ 2,400.00				\$ 2,400.00
5	Assess cost and feasibility of 100% decarbonation	22	50	72	\$ 18,920.00	\$ -	\$ -	\$ -	\$ 18,920.00
5.1	Cost to procure and install additional decarbonation units		20		\$ 4,400.00				\$ 4,400.00
5.2	Confirm existing or develop new post treatment targets	2	6		\$ 2,040.00				\$ 2,040.00
5.3	Evaluate implications of new post treatment targets on source water makeup, decarbonator operations, lime system dose and operations, pipeline integrity, NDMA reformation, recharge and injection well fouling, aquifer metals mobilization, and other relevant processes	16	16		\$ 9,280.00				\$ 9,280.00
5.4	Permitting including AQMD and treatment of off-gas	2	4		\$ 1,600.00				\$ 1,600.00
5.5	Develop recommended implementation strategy	2	4		\$ 1,600.00				\$ 1,600.00
6	Provide an initial assessment of other feasible non-decarbonator treatment methods	6	31	37	\$ 8,980.00	\$ -	\$ -	\$ -	\$ 8,980.00
6.1	Develop assessment of feasible, non-decarbonator treatment methods (e.g. GAC)	3	11		\$ 3,500.00				\$ 3,500.00
6.2	Provide ballpark and/or relative capital costs compared to additional decarbonation	1	14		\$ 3,440.00				\$ 3,440.00
6.3	Provide recommendations for additional study or assessment of feasible alternatives	2	6		\$ 2,040.00				\$ 2,040.00
TOTAL		94	258	352	\$ 88,640.00	\$ -	\$ 95.00	\$ -	\$ 88,735.00



**TRUSSELL TECHNOLOGIES, INC.
HOURLY BILLING RATES**

	Billing Rate	
	Normal Hourly Rate ¹	Expert Daily Rate ²
Senior Company Officer	\$ 400	\$4,800
Principal Engineer III	\$ 380	\$4,560
Principal Engineer II	\$ 360	\$4,320
Principal Engineer I	\$ 350	\$4,200
Supervising Engineer III	\$ 330	-
Supervising Engineer II	\$ 310	-
Supervising Engineer I	\$ 290	-
Senior Engineer III	\$ 270	-
Senior Engineer II	\$ 250	-
Senior Engineer I	\$ 240	-
Engineer II	\$ 220	-
Engineer I	\$ 200	-
Senior Drafter I	\$ 200	-
Associate Engineer II	\$ 185	-
Associate Engineer I	\$ 180	-
Assistant Engineer II	\$ 170	-
Assistant Engineer I	\$ 150	-
Lab Assistant II	\$ 140	-
Lab Assistant I	\$ 120	-
Senior Office Manager II	\$ 200	-
Senior Office Manager I	\$ 185	-
Office Manager III	\$ 180	-
Office Manager II	\$ 170	-
Office Manager I	\$ 150	-
Office Assistant II	\$ 140	-
Office Assistant I	\$ 120	-

1. Time will be billed in 15 minute increments
2. Time will be billed in increments of one day

Other Direct Costs

Mileage for vehicle use to be reimbursed at current IRS rate.

Travel, equipment rental and other direct costs to be reimbursed at actual cost plus 5%.

Outside Professional Services:

Outside professional services to be reimbursed at actual cost plus 15%

Trussell Technologies respectfully requests the ability to update billing rates at a frequency of every twelve (12) months, based on CPI and other cost increases. Justification for the request would be provided for review, comment, and approval.



David R. Hokanson, Ph.D., P.E., BCEE

EDUCATION

- Ph.D., Environmental Engineering, *Michigan Technological University*
- M.S., Civil Engineering, *Michigan Technological University*
- B.S., Environmental Engineering, *Michigan Technological University*

REGISTRATION

- Civil Engineer, State of California – No. 70254
- Professional Engineer, State of Michigan – No. 6201052273

CERTIFICATION

Board Certified Environmental Engineer,
American Academy of Environmental Engineers
– No. 09-10037

Specialties:

- Water Supply & Wastewater
- Environmental Sustainability

SUMMARY

Dr. Hokanson is an expert on physical and chemical processes applied to water treatment with 29 years of experience and more than 50 publications. He has developed engineering design tools for water treatment for the EPA & for wastewater reuse onboard the International Space Station for NASA. He has worked on numerous projects involving post treatment for potable reuse and on mitigation of organics like VOCs from various operable units in the San Gabriel Valley, for example, evaluating technologies including air stripping, GAC, UV AOP, and many others. Select projects include Water Research Foundation #4780 post treatment challenges for potable reuse applications; air stripper evaluation for the La

Puente Valley Municipal Water District; and GAC evaluation for the City of Monterey Park.

PROJECT EXPERIENCE

Water Research Foundation / Orange County Water District/ Stanford University

Title: Evaluating Post Treatment Challenges for Potable Reuse Applications

Year: 2016 - 2020

Working with Orange County Water District and Stanford University, Trussell evaluated post treatment challenges associated with potable reuse, a critical issue for utilities employing potable reuse. Three key challenges were evaluated in this project: corrosion of pipelines and facilities, mobilization of native metals during aquifer recharge for potable reuse, and the formation of disinfection byproducts (DBPs) including *N*-nitrosodimethylamine (NDMA). Trussell managed the project and conducted all work for the corrosion control task. Several additional utilities with post treatment challenges participated in the project. Dr. Hokanson was the project manager.

Role: *Principal Investigator*

Metropolitan Water District of Southern California (MWD) / City of Santa Ana / Orange County Water District (OCWD)

Soledad Water Title: Restoration of Local Recharge Sources from Invasive Dreissenid Mussels

Year: 2019 - 2022

Quagga mussels have rapidly infested the southwestern United States, since they were first discovered in Lake Mead in 2007. In order to safeguard local drinking water supplies against the imminent threat of this invasive species, the City of Santa Ana is teaming with Orange County Water District (OCWD) to evaluate the use of the proprietary molluscicide EarthTec QZ for the eradication of quagga mussel veligers. Trussell Technologies Inc., in partnership with KASF Consulting, will conduct a study to assess 1) the efficacy of EarthTec QZ in killing quagga mussel veligers from local surface water sources and 2) the toxicity of this treatment method for other species.

Role: *Project Manager*

Coachella Valley Water District

Title: Integration Study for Consolidation of the Cove and I.D. 11 Water Systems

Year: 2019 – 2022

The Coachella Valley Water District (CVWD) is When water from the Cove system introduced a new source water into an existing distribution system, transitioning from highly mineralized and brackish groundwater to softer water with much lower chloride and total dissolved solids (TDS) concentration and a lower alkalinity. Trussell was retained to investigate corrosion control treatment alternatives to mitigate destabilization of existing corrosion scale and associated release of aesthetically unpleasant (e.g., iron and manganese) and toxic (e.g., lead) metals as distribution system piping re-equilibrates to the new water supply. The deliverable for this project was an Integration Master Plan.

Role: *Project Manager*

City of Monterey Park / SA Associates

Title: Owner's representative for the City of Monterey's Park Implementation of a Centralized Groundwater Treatment System (CGTS)

Year: 2016 - 2021

The City of Monterey Park is in the process of implementing its CGTS incorporating treatment with a UV advanced oxidation process (UV AOP) followed by liquid phase granular activated carbon (GAC) to remove the UV AOP oxidant (hydrogen peroxide) and per- and poly-fluoroalkal substances (PFAS). Working with SA Associates, Dr. Hokanson worked to ensure the City's interests were met in terms of the UV AOP and GAC treatment technologies, as well as PFAS.

Role: *Project Manager*

Orange County Water District

Title: Desalination Water Quality Consultant

Year: 2015 - 2017

The Orange County Water District was negotiating to acquire 50 mgd of desalinated seawater from the Huntington Beach Desalination Plant and the District asked Trussell Technologies, Inc. to evaluate the potential water quality impacts of desalinated seawater on their distribution system for different operational scenarios including blends with water from the Groundwater Replenishment System, on direct delivery end users, and on resulting groundwater quality from recharge and injection of Ocean Water. Trussell Technologies evaluation

included: 1) distribution system corrosion assessment 2) An assessment of injection well and recharge basin fouling based on potential for scaling 3) An assessment of distribution system performance and related regulatory compliance 4) An assessment of potential end user impacts for direct distribution, 5) Prediction of final water quality and 6) preliminary recommendations on any changes to the product water quality specification

Role: *Project Manager*

Cooperating Respondents (confidential)

Title: Baldwin Park Operable Unit

Year: 2015 - Present

Trussell Technologies was retained by the Cooperating Respondents to provide a technical assessment of process performance, design submittals, and an assessment of regulatory considerations with regards to the groundwater clean up in the Baldwin Park Operable Unit (BPOU). Treatment technologies considered include air stripping, ion exchange, granular activated carbon, and ultraviolet light advanced oxidation processes for the treatment of VOCs, perchlorate, NDMA, and 1,4-dioxane.

Trussell Technologies is working directly with the utilities within the BPOU to review process performance and provide guidance on process optimization. Successful changes include a regulatory amendment to the operating conditions of an air stripper to regain the overall plant design capacity, decreases in overall chemical (caustic, orthopolyphosphate) consumption by reviewing the post treatment water quality goals, and development of new GAC specifications with well defined guarantees of performance. Dr. Hokanson conducted air stripping performance for VOCs including TCE and evaluated additional technologies.

Role: *Project Engineer*



Shane Trussell, Ph.D., P.E., BCEE

EDUCATION

- Ph.D. Civil and Environmental Engineering, *University of California, Berkeley*
- M.S., Civil and Environmental Engineering, *University of California, Los Angeles*
- B.S., Chemical Engineering, *University of California, Riverside*

REGISTRATION

- Civil Engineer, State of California-No. 66887

CERTIFICATIONS

- Board Certified Environmental Engineer, American Academy of Environmental Engineers – No. 11-10042
Specialty: Water Supply & Wastewater

SUMMARY

R. Shane Trussell is the President and Chief Executive Officer of Trussell Technologies, Inc. Dr. Trussell is a registered Civil Engineer in the State of California with more than 20 years of hands-on experience with the processes used to treat water, wastewater, and potable reuse. Dr. Trussell has extensive involvement in numerous potable reuse projects throughout the state, ranging from feasibility studies and pilot testing to design and regulatory permitting. Dr. Trussell led two major research efforts funded by the WaterReuse Research Foundation (now Water Research Foundation): WRRF 11-02 (Equivalency of Advanced Treatment Trains for Potable Reuse) and WRRF 14-12 (Demonstrating Redundancy and Monitoring to Achieve Reliable Potable Reuse), with a combined project budget total of \$3.4 million, to advance the implementation of potable reuse in California. Recently, the State Water Board selected Dr. Trussell to co-lead a state-funded project to evaluate strategies for dealing with peaks of chemical contaminants. The State

Board is now using the findings from this research to develop statewide regulations for DPR. Dr. Trussell is an industry leader in potable reuse and developing water supplies, leading innovative, effective engineering and research projects throughout California.

PROJECT EXPERIENCE

East Valley Water District

East Surface Water Treatment Plant Preliminary Design

Year: 2020-Present

Trussell is working with Water Systems Consulting, Inc. (WSC) to develop a preliminary design for a new 6 mgd surface water treatment plant for East Valley Water District (EVWD). This new facility will have the flexibility to treat both surface water supplies available to EVWD, including Santa Ana River (SAR) water and water from the State Water Project (SWP). Trussell completed a raw water quality analysis for both supplies to identify drivers for treatment, historic ranges of values for key parameters, and additional data needs for selecting an appropriate treatment train. A follow up alternatives analysis defined water quality criteria, identified five feasible treatment trains with corresponding benefits and drawbacks, and selected two process configurations to carry forward for the preliminary design report.

Role: *Technical Advisor*

Metropolitan Water District of Southern CA/Sanitation Districts of LA County

Regional Recycled Water Advanced Purification Center Demonstration Project and Pure Water Southern California Engineering Services

Year: 2018-Present

The Metropolitan Water District of Southern California (MWD) and the Sanitation Districts of Los Angeles County (LACSD) are developing plans for a 150 million gallon per day (mgd) advanced water purification facility (AWPF) at the Joint Water Pollution Control Plant (JWPCP) in Carson, CA. Trussell is supporting the development of this project through full-scale planning support and work at the 0.5 mgd Advanced Purification Center (APC) demonstration plant which includes tertiary membrane bioreactors (MBRs), reverse osmosis (RO), and ultraviolet with advanced oxidation (UV/AOP). At the APC, Trussell assisted in

design development, led the operations of the plant, and developed and executed a 15-month test plan which included robust chemical and pathogen sampling. At the time, an MBR pathogen crediting framework had not yet been established in California. Trussell worked alongside regulators to develop a thorough test plan whose results served as precedent for receiving pathogen credits from MBRs. In addition to the innovative work at the APC, Trussell has also led the development of the DPR concept for the Regional Recycled Water Program through preliminary assessments of the feasibility of expanding their existing groundwater recharge plans to include DPR. Trussell led the development of two separate memos to describe what would be needed to implement DPR.

Role: *Technical Advisor*

California American Water

Owner's Representative for Seawater

Desalination Project

Year: 2013-Present

California American Water (CAW) is pursuing the Monterey Peninsula Water Supply Project (MPWSP) to develop a new water supply that includes the implementation of a new 6.4-mgd desalination facility to produce drinking water from seawater pulled from the Pacific Ocean via beach wells. The treatment train includes greensand filters for iron and manganese removal, reverse osmosis, post treatment stabilization, and disinfection. Since 2013, Trussell has provided CAW with support services, offering expertise in iron and manganese treatment, desalination, Division of Drinking Water (DDW) permitting, post treatment stabilization design, and corrosion control. Trussell is currently serving as the owner's representative for the MPSWP with regards to these topics, with Dr. Trussell serving as a Technical Advisor.

Role: *Technical Advisor*

City of San Diego/Stantec

Pure Water San Diego Program

Year: 2015-Present

Trussell is part of a consulting team including Stantec and Brown and Caldwell, working with the City of San Diego to implement the Pure Water Program. The Program is being developed in two phases. Phase 1 of the program is the

North City Pure Water Project that will develop 30 MGD through reservoir water augmentation. The City is now pursuing Phase 2 of the Program that will produce an additional 53 MGD through a potential raw water augmentation (direct potable reuse) project. Trussell is supporting these efforts with regulatory guidance for permitting potable reuse facilities and predesign of the advanced treatment processes. Trussell developed the predesign for the North City Pure Water Facility which includes ozone, biologically activated carbon, membrane filtration, reverse osmosis, and ultraviolet light/advanced oxidation process systems. Trussell's regulatory guidance secured the first reservoir water augmentation permit for the City's North City Project. The City is now looking to Trussell to develop a successful regulatory strategy for the Phase 2 DPR project through interactions with regulators, design of a new DPR demonstration facility, and development of a testing and monitoring plan for the Phase 2 DPR demonstration facility. Dr. Trussell has supported the development of a DPR Concept Proposal and has engaged DDW throughout its development. Dr. Trussell also supported the City throughout the development of the draft DPR regulations, providing guidance on implications for the City's Phase 2 DPR concept.

Role: *Project Manager*

Retirement Committee meeting held May 27

457(B) DEFERRED COMPENSATION INTERMEDIATE BOND REVIEW WITH
OPTIONS TO REPLACE JPMORGAN TOTAL RETURN FUND CLASS SHARES
CLOSURE

Committee Recommendation:

Agendize for June 4 Board meeting. Approve the following action:

- Replace JPMorgan Total Return Fund Class R5 (JMTRX) shares with Dodge and Cox Income X (DOXIX)

AGENDA ITEM SUBMITTAL

Meeting Date: May 27, 2025

To: Retirement Committee
Board of Directors

From: John Kennedy

Staff Contact: S. Dosier

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: 457(B) DEFERRED COMPENSATION INTERMEDIATE BOND REVIEW
WITH OPTIONS TO REPLACE JPMORGAN TOTAL RETURN FUND
CLASS SHARES CLOSURE**

SUMMARY

Fidelity Investments has informed the District that the JPMorgan Total Return Fund Class R5 Shares (JMTRX), currently offered in the OCWD 457(B) Deferred Compensation Plan, will be liquidated on or about July 30, 2025. The District's 457(B) plan investment in JMTRX is approximately \$1,800,000 in aggregate held by 101 participants. Scott Sutherland, the retirement plan advisor for the District's 457(B) Plan, will provide a summary of the liquidation and present alternative fund options. Since such an investment change requires legal notification to participants 30 days in advance of the change, the change must be approved by the Board and communicated to Fidelity by June 6, 2025.

Attachment: Enclosed 457(B) Intermediate Bond Review

RECOMMENDATION

Agendize for June 4 Board meeting: Take action as appropriate.

BACKGROUND/ANALYSIS

The purpose of this meeting is to select a new, comparable fund to replace the JPMorgan Total Return Fund Class R5 Shares (JMTRX) in the 457(B) Deferred Compensation Plan, due to its upcoming hard closure. The investment change requires legal notification to participants at least 30 days before it takes effect. A Board decision must be made no later than June 6, 2025, and communicated to Fidelity before the fund freeze date of July 17, 2025, and liquidation date of July 30, 2025, or Fidelity will automatically transfer all assets in that fund to the Vanguard Money Market Fund.

Scott Sutherland, the retirement plan advisor for the District's 457(B) Plan, will provide a summary of the liquidation and present alternative fund options. This will enable the Retirement Committee and the Board of Directors to fulfill their fiduciary duty in monitoring the plan's investment offerings.

The plan review documentation prepared by Scott Sutherland is attached. Scott will review this document in detail during the meeting.

PRIOR RELEVANT BOARD ACTION(S)

N/A

AGENDA ITEM SUBMITTAL

Meeting Date: June 4, 2025

To: Board of Directors

From: John Kennedy

Staff Contact: R. Herndon/B. Leever

Budgeted: Yes

Budgeted Amount: \$300,000 (FY25-26)

Cost Estimate: \$19,400,000

Funding Source: CIP

Program/Line No.: C08007

General Counsel Approval: Yes

Engineers/Feasibility Report: Yes

CEQA Compliance: PEIR pending

Subject: CERTIFYING THE PROGRAM ENVIRONMENTAL IMPACT REPORT, APPROVING THE INTERIM REMEDIAL ACTION PLAN, AUTHORIZING GENERAL MANAGER TO SIGN THE RECORD OF DECISION, ESTABLISHING AN INITIAL CAPITAL BUDGET, AND AUTHORIZING A REQUEST FOR PROPOSALS TO PREPARE A PRELIMINARY DESIGN INVESTIGATION WORK PLAN FOR THE SOUTH BASIN GROUNDWATER PROTECTION PROJECT

SUMMARY

The District prepared and circulated for public review an Interim Remedial Action Plan (IRAP, Proposed Plan) for the South Basin Groundwater Protection Project (SBGPP) that identifies a preferred interim remedial action to address groundwater contamination in the SBGPP area. The preferred interim remedial action is a groundwater extraction and treatment system. Concurrently, the District prepared and circulated for public review a Draft Program Environmental Impact Report (PEIR) that analyzed the environmental impacts of implementing the IRAP. Finally, staff prepared a Record of Decision (ROD) that presents the selected interim remedy. Staff recommends approving the IRAP, certifying the PEIR, authorizing the General Manager to sign the ROD, establishing an initial capital budget of \$19,400,000, and authorizing the issuance of a request for proposals (RFP) to prepare a preliminary design investigation work plan for the SBGPP.

Attachments (posted separately):

- Final Program Environmental Impact Report and Findings and Facts in Support of Findings, South Basin Groundwater Protection Project
- Interim Remedial Action Plan (Proposed Plan), South Basin Groundwater Protection Project
- Record of Decision, South Basin Groundwater Protection Project, OU2 Interim Remedy
- Resolution of the Board of Directors of the Orange County Water District Certifying the Final Program Environmental Impact Report (State Clearinghouse #2023100188), Approving the Interim Remedial Action Plan, Authorizing the General Manager to Sign the Record of Decision, and Authorizing Issuance of a

RFP for a Preliminary Design Investigation Work Plan for the South Basin Groundwater Protection Project

- Affidavit of Publication of the PEIR and IRAP (Proposed Plan)
- Letters of Support for the SBGPP
- Presentation – IRAP, ROD, and PEIR Overview, South Basin Groundwater Protection Project

RECOMMENDATION

Adopt Resolution Certifying the Final Program Environmental Impact Report (State Clearinghouse #2023100188), Approving the Interim Remedial Action Plan, Authorizing the General Manager to Sign the Record of Decision, Establishing an Initial Capital Budget, and Authorizing Issuance of a Request for Proposals to Prepare a Preliminary Design Investigation Work Plan for the South Basin Groundwater Protection Project.

BACKGROUND/ANALYSIS

Since 2004, the District has been investigating and developing plans to address a two-square mile commingled plume of groundwater contamination, downgradient of source sites, in the southeastern portion of the Orange County Groundwater Basin (Basin), referred to as the South Basin area. The District's investigation and remediation planning and implementation are known as the South Basin Groundwater Protection Project (SBGPP). To date, the District has evaluated contaminant source sites, installed soil borings and monitoring wells, regularly collected groundwater samples, prepared a Preliminary Remedial Investigation (PRI) Report (October 2015) to identify the extent of the groundwater contamination, prepared a Supplemental Remedial Investigation (SRI) Report (July 2020) to fill in data gaps and respond to regulatory concerns, and completed a Feasibility Study (FS) and report (January 2023) to evaluate remedial alternatives for the SBGPP. All of this work has been conducted in coordination with the California Department of Toxic Substances Control and the Santa Ana Regional Water Quality Control Board. Concurrently, the District has been seeking to recover past and future costs from responsible parties through legal efforts (*OCWD v. Sabic et al.*) and *OCWD v. Sanmina et al.*).

The FS Report provides a detailed evaluation of six remedial alternatives for groundwater contamination and was conducted in accordance with the National Contingency Plan (NCP). Alternative 1, the No Action Alternative, was included as an NCP requirement, however it does not achieve the Remedial Action Objectives (RAOs) defined in the SRI and FS reports. Alternative 2, Monitored Natural Attenuation, was also evaluated, but would not achieve RAOs as a stand-alone action. Alternatives 3 and 4 are both groundwater extraction and treatment alternatives that differ in their final water disposal options; for Alternative 3 the treated water goes to the sewer and Orange County Sanitation District's (OC San) Plant No. 1 then to GWRS for reuse, whereas for Alternative 4 the treated water is reinjected into the aquifer. Alternative 5 is an in-situ treatment alternative that injects a chemical oxidizer into the contaminated aquifers to break down the contaminants into non-hazardous compounds. Alternative 6 is a combination of Alternatives 3 and 5.

Each alternative was evaluated based on NCP-defined criteria, including overall protection of human health and the environment, effectiveness, implementability, and relative cost. Based on these criteria, Alternative 3 was found to be the highest ranked alternative. This alternative includes extraction wells to pump and hydraulically contain contaminated groundwater, which removes and prevents the further spread of contaminants, and which reduces the risk of contaminants spreading to deeper aquifers. The extracted groundwater is treated locally for target contaminants, then discharged to sewers which convey the water to OC San Plant 1 and GWRS for further treatment and reuse.

Alternative 3, as evaluated in the FS Report, comprises eight extraction well alignments (Figure 2), 75 extraction wells, 84 monitoring wells, 10,000 feet of collection piping, and local treatment systems for suspended sediment and contaminant removal. A groundwater flow model was developed to estimate the number of extraction wells and flow rates to create effective capture zones. The model also assisted in the evaluation of potential impacts of the remedial alternatives on planned and existing remedial activities at the responsible party sites. The actual numbers and locations of extraction and monitoring wells will be determined following the Preliminary Design Investigation (PDI) during the remedial design phase.

On February 15, 2023, the Board adopted resolution R23-2-23 identifying Alternative 3 (groundwater extraction and treatment with discharge to sewer and GWRS), described in the FS Report, as the tentatively identified preferred remedial alternative, subject to review and consideration of the environmental impacts of the proposed project in accordance with the California Environmental Quality Act (CEQA). The resolution also authorized the issuance of an RFP to the District's on-call environmental consultants to prepare programmatic CEQA compliance documentation of Alternative 3 described in the FS Report.

On December 13, 2024, the District released the Draft IRAP (Proposed Plan) and Draft PEIR to the public for concurrent 45-day public review periods. On January 16, 2025, a public meeting was held at the Delhi Center, in Santa Ana, to explain the Proposed Plan and receive public comments. On the same date, a public meeting was held at the Delhi Center to explain the Draft PEIR and to receive public comments. The public comment period for both documents ended on January 27, 2025. The District received comments on both the Draft IRAP and the Draft PEIR. Comments were received from the following interested parties and regulatory agencies:

- 1) Irvine Ranch Water District commented on the Draft PEIR
- 2) Santa Ana Regional Water Quality Control Board commented on the Draft PEIR
- 3) BBJ Group, on behalf of Baxter Health Care, commented on the Draft PEIR
- 4) Gordon Rees Scully Mansukhani, on behalf of Industrial Plaza, LLC, commented on the Draft PEIR
- 5) Newmeyer & Dillion LLP, on behalf of DRSS-I, LLC, commented on the Draft IRAP (Proposed Plan) and the Draft PEIR.

The District has reviewed and prepared written responses to comments on the Draft PEIR and Draft IRAP (Proposed Plan). Based on the comments received, District staff find that the preferred alternative identified in the Draft IRAP (Proposed Plan) does not require any minor or significant changes and may be approved by the Board. Further, District staff find that comments received on the Draft PEIR would not require any substantial changes to the PEIR. A notice of public hearing on June 4, 2025 on the Draft PEIR certification and availability of the Final PEIR and response to comments was provided to Draft PEIR commenters on May 23, 2025.

The District also prepared a Record of Decision (ROD), in compliance with the NCP. The ROD documents the selected interim remedy (pending Board approval), which in this case is the preferred alternative identified in the IRAP (Proposed Plan); *Alternative 3 – Containment and Treatment of Relatively High Concentration and Leading-Edge Areas Using Groundwater Extraction and Treatment with Discharge to POTW and GWRS*. The ROD was submitted to the Santa Ana Regional Board and the Department of Toxic Substances Control for review on May 15, 2025.

OCWD has received letters of support for the South Basin Groundwater Protection Project from the Orange County Supervisor Sarmiento, the City of Santa Ana, and the Irvine Ranch Water District (attached).

Pending Board approval of the IRAP (Proposed Plan), certification of the PEIR, and authorizing the General Manager to sign the ROD, District staff request the establishment of an initial capital budget of \$19,400,000 and authorization to prepare an RFP and solicit proposals to prepare a PDI work plan to conduct detailed hydrogeologic investigation, including property access evaluation, soil borings, groundwater sampling, and extraction well flow testing where extraction well alignments are planned. The data from the PDI will support the interim remedy design.

The District has budgeted \$300,000 for FY25-26 project activities, including hiring a consultant to prepare a PDI work plan. Table 1 summarizes the estimated project costs, including the annual operation and maintenance costs over a 50-year operating period. The current estimated cost for the PDI phase of the project is \$4,300,000, and total estimated capital costs to design and construct the interim remedy are approximately \$15,100,000. The current estimated annual operation and maintenance costs are approximately \$1,500,000. The District currently has \$11,000,000 remaining in settlement funds available for project costs. Additionally, the District will pursue grants applicable to the project.

Table 1 – Initial Estimated Project Costs

Preliminary Design Investigation (Year 1)	
Monitoring Wells	\$ 1,900,000
Testing and Reporting	\$ 1,400,000
Design, CM, Contingency	\$ 1,000,000
	\$ 4,300,000
Remediation System Construction (Years 2-3)	
Wells and Pumps	\$ 5,800,000
Pipelines	\$ 2,200,000
Treatment Plants	\$ 1,900,000
Design, CM, Contingency	\$ 5,200,000
	\$ 15,100,000
Annual Operation, Maintenance, and Monitoring (Years 4-50)	
Operation	\$ 1,000,000
Maintenance	\$ 100,000
Monitoring/Reporting	\$ 400,000
	\$ 1,500,000

PRIOR RELEVANT BOARD ACTIONS

2/15/23 R23-2-23 Select Alternative 3 (groundwater extraction and treatment with discharge to sewer and GWRS) described in the South Basin Groundwater Protection Project Feasibility Study Report as the tentatively identified preferred remedial alternative to be developed into the proposed interim remedial action plan, subject to completion of environmental documentation, and authorizing issuance of a request for proposals to the District’s on-call environmental consultants to prepare programmatic CEQA compliance documentation of Alternative 3 described in the South Basin Groundwater Protection Project Feasibility Study Report.

3/17/21 R21-3-48 Authorize issuance of Amendment to Agreement No. 1428 to Engineering Analytics, Inc., increasing the contract amount by \$140,682 for South Basin RI/FS consulting services.

6/17/20 R20-6-76 Authorize issuance of Professional Services Agreement to Engineering Analytics, Inc. for an amount not to exceed \$507,969 to provide NCP consulting services for the South Basin Groundwater Protection Project.

4/15/20 M20-39 Authorize issuance of an RFP to Engineering Analytics, Inc. to provide National Contingency Plan consulting services to address groundwater contamination in the South Basin area.

5/22/19 R19-5-69 Authorize issuance of Amendment No. 4 to Agreement No. 1051 to Hargis + Associates, increasing the contract amount by \$194,816 and extending the termination date to September 30, 2020, for South Basin RI/FS consulting services.

10/18/17 R17-10-132 Authorize Amendment No. 3 to Agreement No. 1051 to Hargis + Associates in the amount of \$89,000 to develop a groundwater flow model as part of the South Basin RI/FS.

5/24/17 R17-5-74 Adopt resolutions authorizing General Manager to enter into Proposition 1 grant funding agreements for the North Basin RI/FS, North Basin Well EW-1, and South Basin RI/FS projects.

10/19/16 R16-10-139 Adopt South Basin Additional Groundwater Monitoring Program Recirculated Mitigated Negative Declaration to account for revised well locations; and approve revised project.

10/19/16 R16-10-140 Authorize agreement for \$374,040 with Avocet Environmental for well construction inspection and testing services in support of the South Basin remedial investigation.

6/15/16 R16-6-89 Authorize General Manager to finalize and execute agreement with the Department of Toxic Substances Control for reimbursement of DTSC's costs in an amount not to exceed \$75,000 to review documents submitted by the District as part of the South Basin remedial investigation/feasibility study program; and authorize execution of agreement with the Regional Water Quality Control Board for reimbursement of RWQCB's costs in an amount not to exceed \$120,000 to review documents submitted by the District as part of the South Basin remedial investigation/feasibility study program.

5/18/16 R16-5-62 Adopt South Basin Additional Groundwater Monitoring Program Mitigated Negative Declaration; authorize construction of 24 monitoring wells; establish project budget of \$1,309,560; and authorize issuance of RFP for well construction inspection and testing services.

10/21/15 R15-10-149 Authorize Amendment No. 1 to Agreement No. 1051 with Hargis + Associates in the amount of \$41,048 to prepare a pilot study work plan for the South Basin Groundwater Protection Project.

1/21/15 R15-1-10 Authorize issuance of a Professional Services Agreement to Hargis + Associates for an amount not to exceed \$657,852 to provide NCP consulting services in the South Basin area. Authorize Amendment No. 1 of Professional Services Agreement No. 0827 with Aquilogic, Inc. in the amount of \$78,375 for services to update and maintain the database, provide access to the database and records to Hargis + Associates, and coordinate with Hargis + Associates through April 2016.

8/6/14 R14-8-109 Approve developing remedial strategies for the South Basin groundwater contamination in a manner that is consistent with the NCP; and authorize issuance of RFP to retain NCP consulting services to assist staff in completing the remedial investigation and conducting an evaluation of remedial alternatives in the South Basin area consistent with NCP protocol.

8/6/14 R14-8-108 Adopt the updated Groundwater Quality Protection Policy, which supersedes the following prior District policies: Policies regarding Pre-Litigation Mediation Procedure and Segregation and Use of Groundwater Contamination Litigation Proceeds for Future Cleanup Projects, adopted May 22, 2013 (Resolution No. 13-5-58); Groundwater Quality Protection Policy, adopted May 6, 1987 (Resolution No.

87-5-59); and Sanitary Landfill Management, adopted June 20, 1984 (Resolution No. 84-6-57).

10/19/11 R11-10-00 Authorize issuance of separate requests for proposals for professional services to conduct an Interim Remedial Action Feasibility Study and to conduct a Phase 2 cone penetration test investigation of groundwater contamination at up to 200 locations in the South Basin area.

6/18/08 CS-08-6-3 Find that it is necessary to expend available funds to investigate, clean up, abate and perform remedial work to address VOC and perchlorate contamination in the South Basin area of the District and that such expenditures are required by the magnitude of the endeavor and the urgency of prompt action needed to prevent, abate, or contain the threatened and existing VOC and perchlorate contamination in the South Basin area; initiate litigation against potentially responsible parties for cost recovery measures for the South Basin Groundwater Protection Project; and authorize general manager, with concurrence from General Counsel, to execute Amendment No. 1 to legal services agreement between OCWD and Miller, Axline & Sawyer.

5/21/08 R08-5-78 Authorize filing of a Notice of Exemption for drilling three CPT borings and constructing six monitoring wells; receive and file Geologist's Report – South Basin Groundwater Protection Project Hydrogeologic Investigation; authorize the installation of three CPT borings and six monitoring wells to investigate the extent of groundwater contamination in the vicinity of well IRWD-3; and establish a project budget of \$625,000, and find that construction of such borings and wells is feasible, necessary to answer critical basin management questions, and of general benefit to the lands of the District.

5/17/06 R06-5-60 Authorize professional services agreement with Todd Engineers to review regulatory agency files and identify potential sources of contaminants detected in well IRWD-3 and that threaten this and other wells.

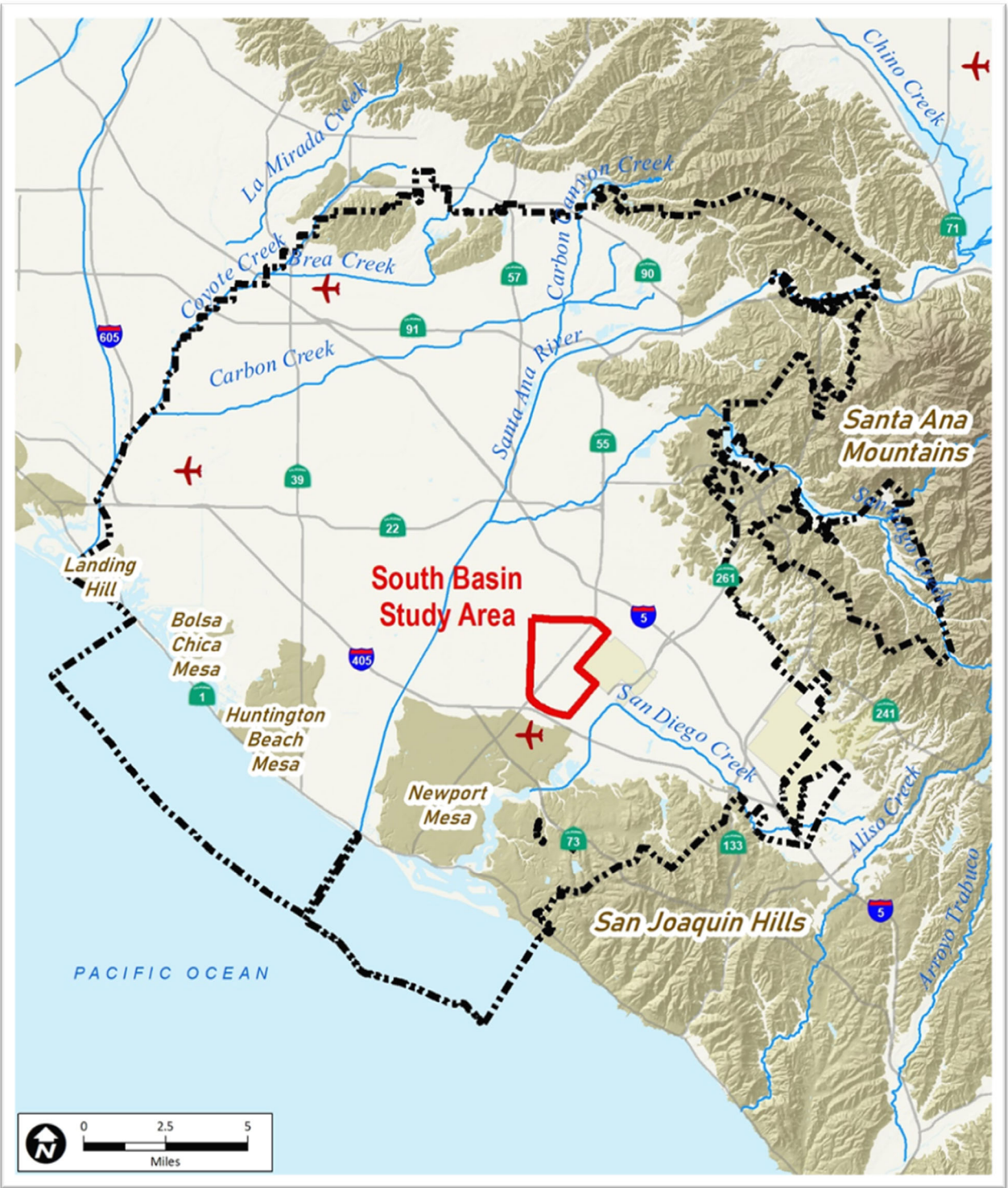


Figure 1. South Basin Study Area Location Map

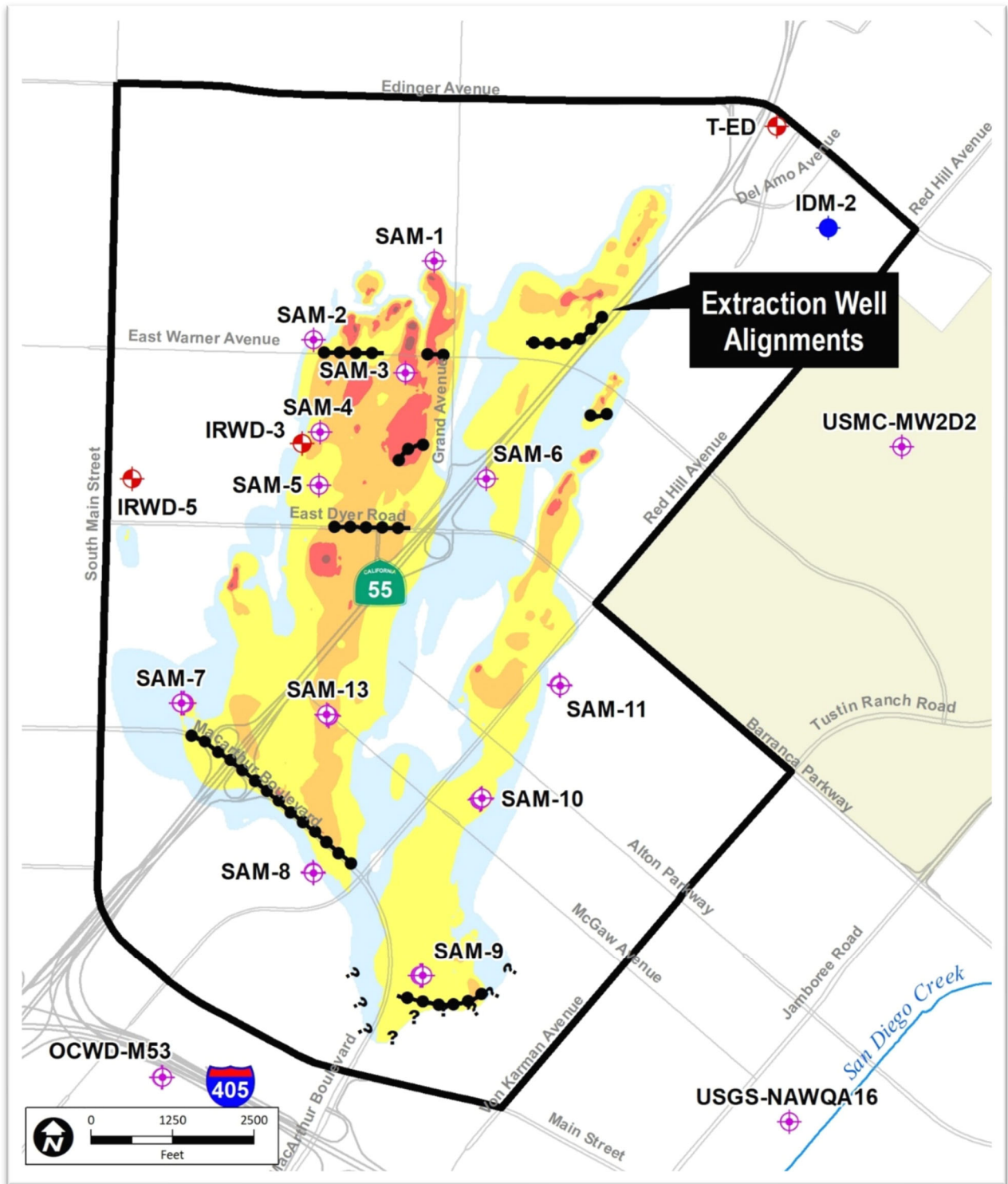


Figure 2. Contaminant Plume and Proposed South Basin Extraction Alignments

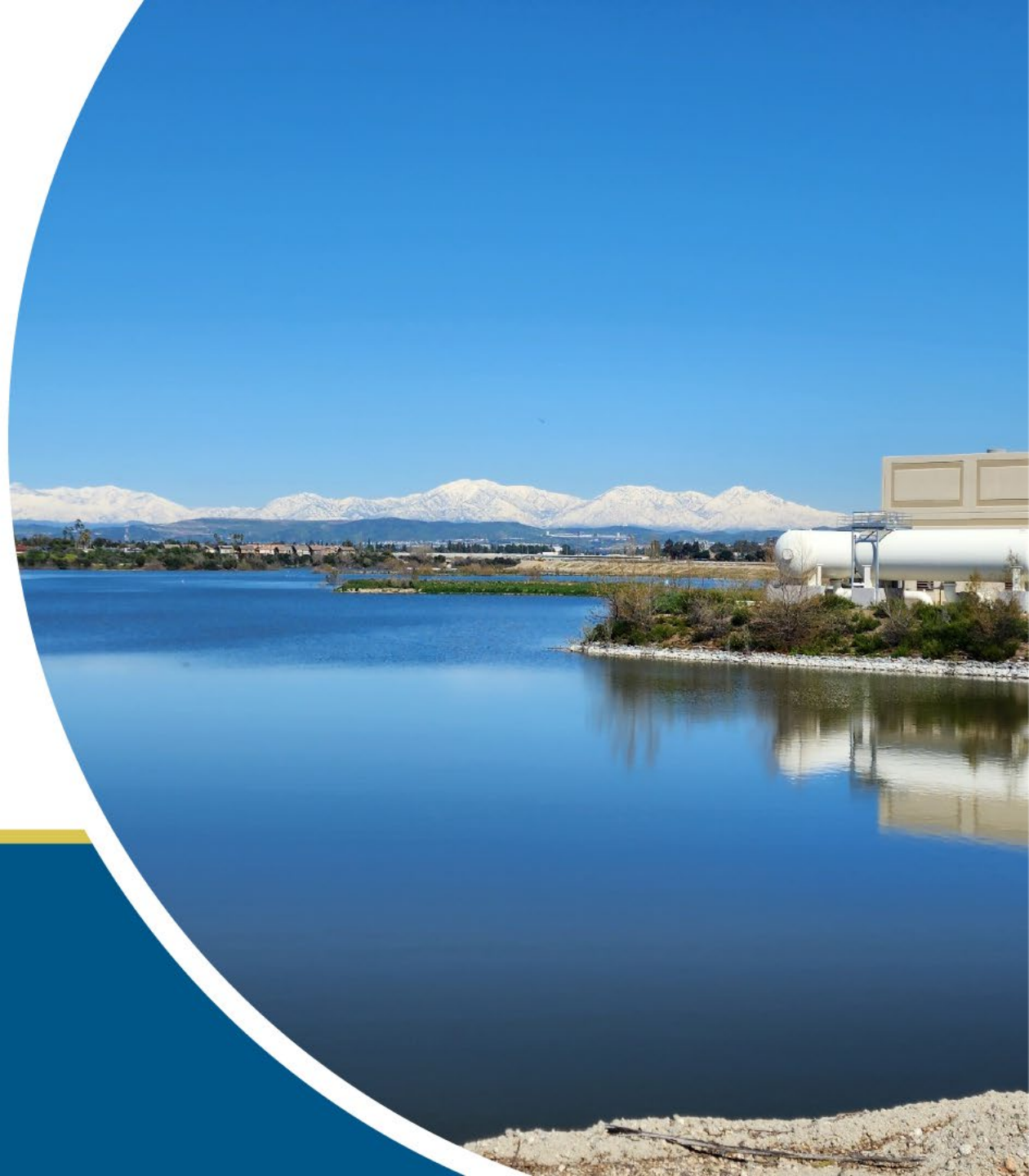


South Basin Groundwater Protection Project

**Program EIR, IRAP, and Record of
Decision**

**Board of Directors Meeting and
Public Hearing**

June 4, 2025



Items for Board Consideration

1. Program Environmental Impact Report Public Hearing and Certification
2. Interim Remedial Action Plan Approval
3. General Manager Signing of Record of Decision
4. Initial Capital Budget Establishment
5. Request for Proposals Authorization

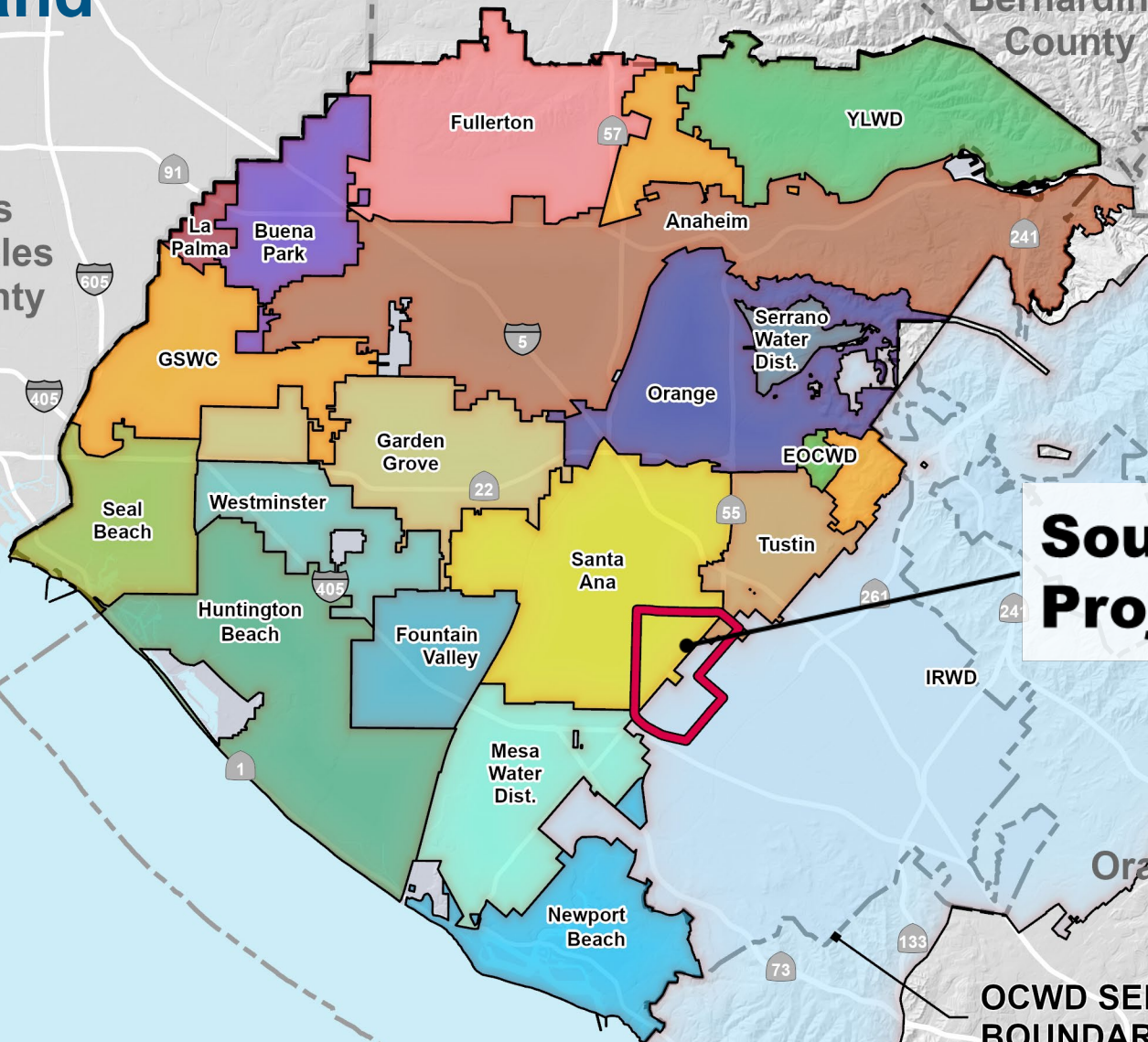
Service Area and Groundwater Producers

Los Angeles County

San Bernardino County

Riverside County

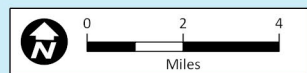
Orange County



South Basin Project Area

OCWD SERVICE BOUNDARY

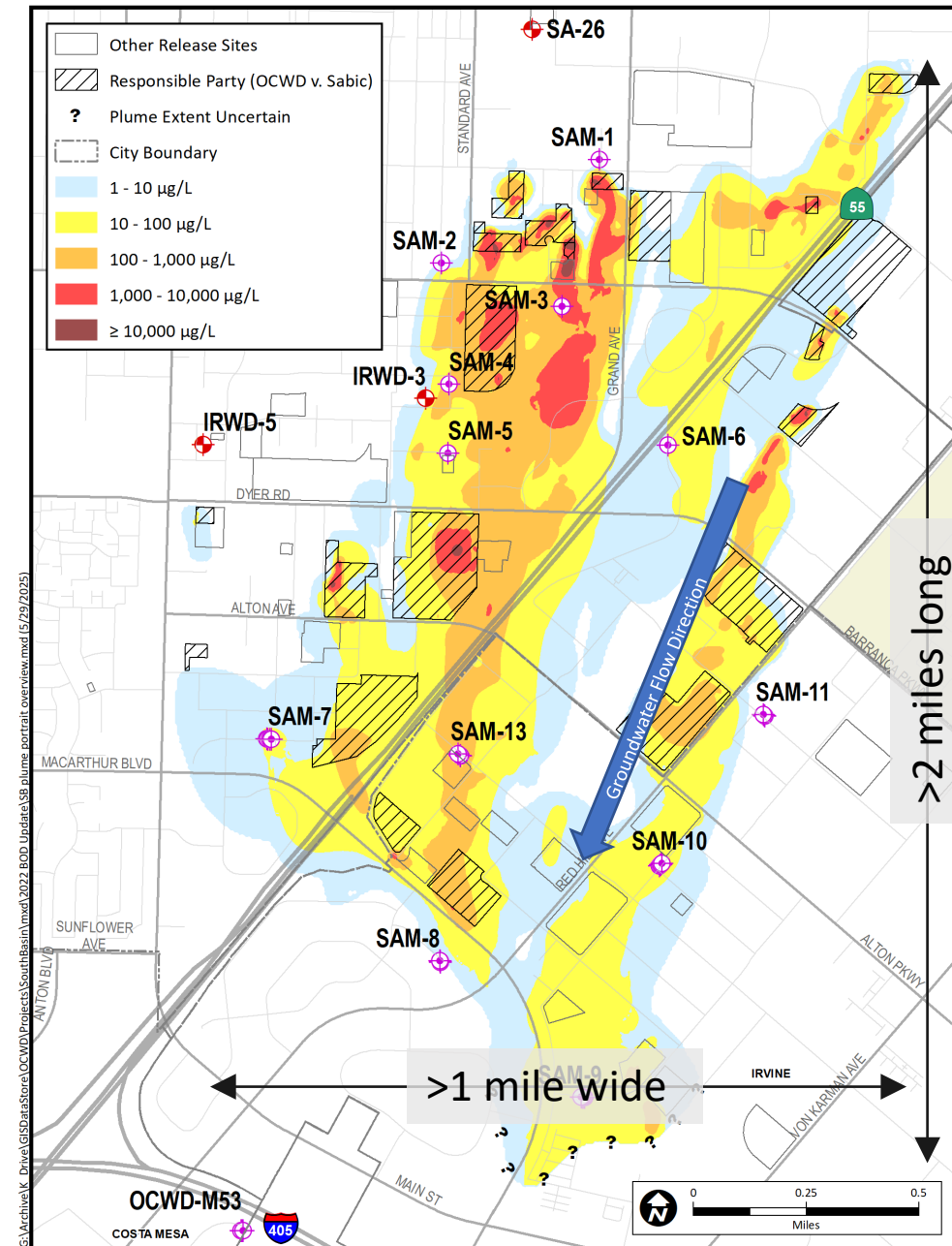
- Project Area
- OCWD Boundary
- OCWD Water Producers

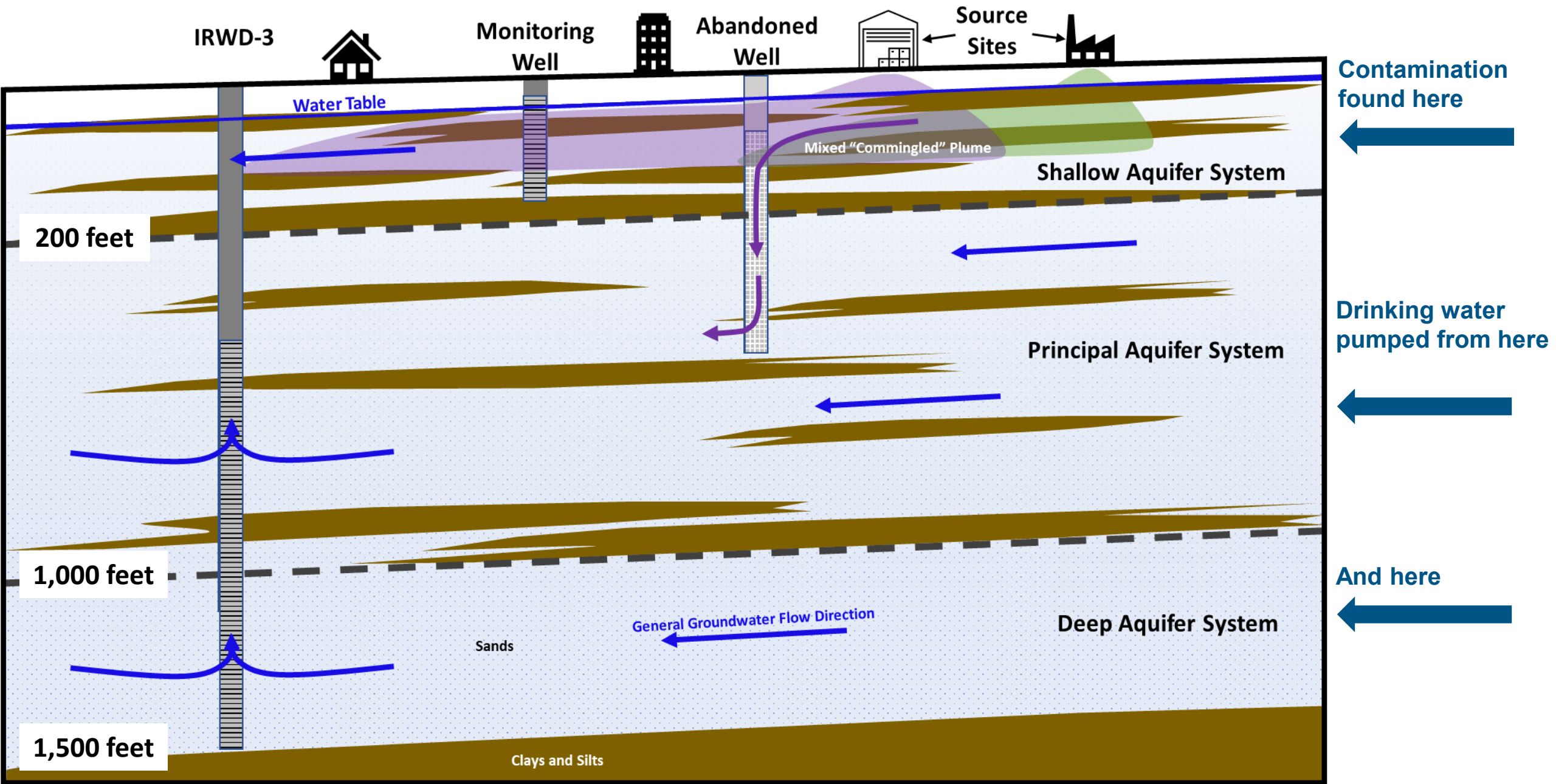


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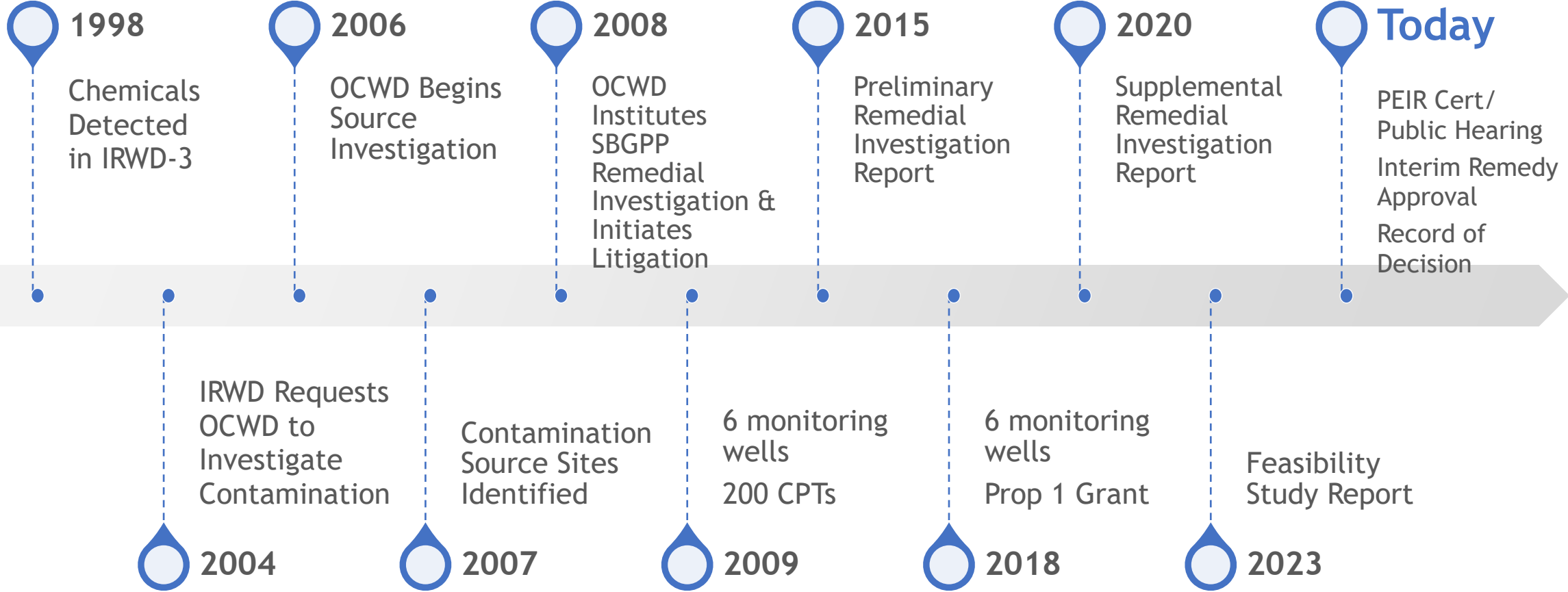
South Basin VOC and Perchlorate Plume

- Contaminants released to shallow groundwater from historical manufacturing
- VOCs first detected in IRWD-3 in 1998
- Contamination in Shallow Aquifer





20 Years of South Basin Investigations



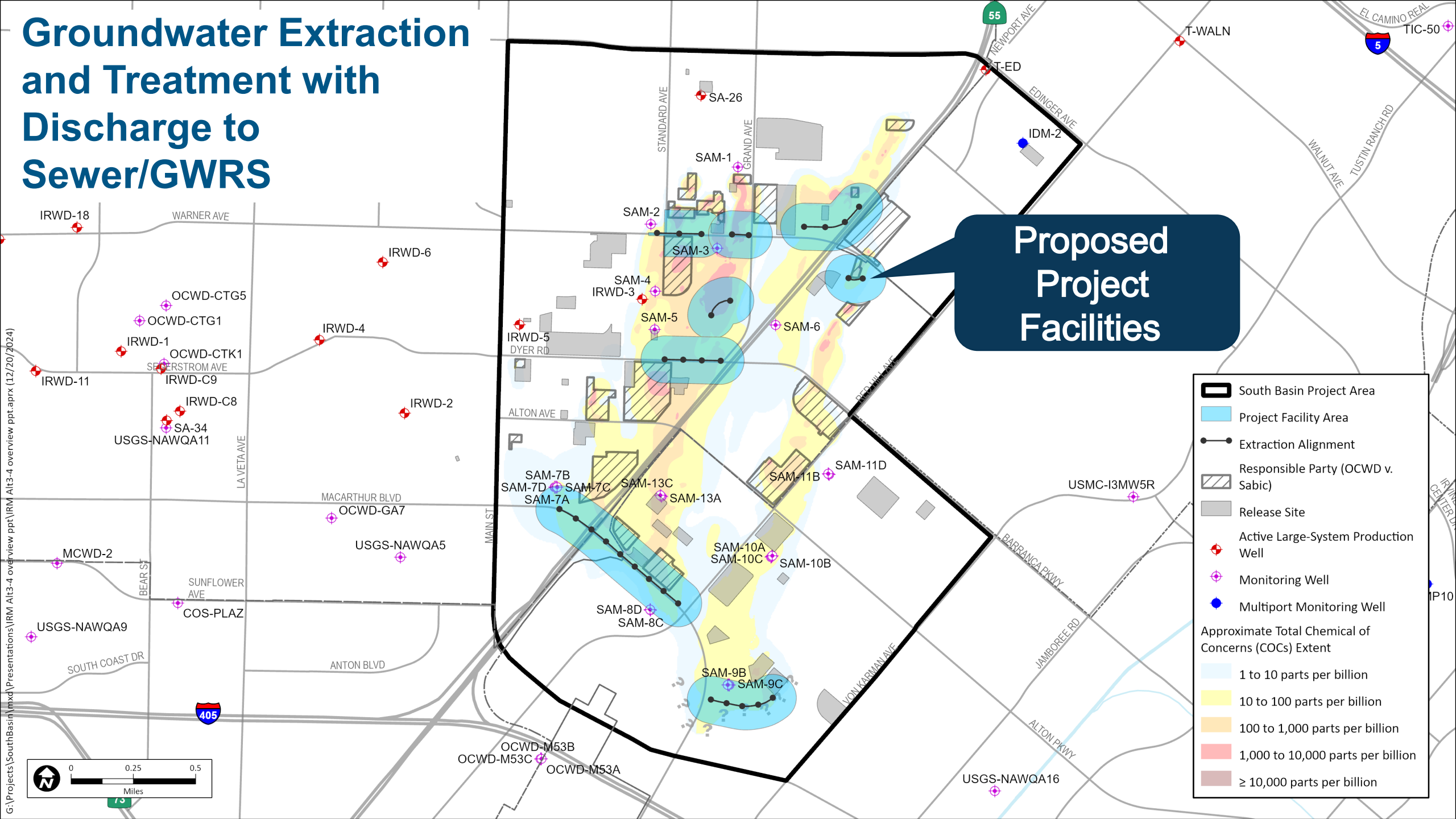
Development and Documentation of the Interim Remedy

- South Basin Feasibility Study completed in January 2023
- Feasibility Study evaluated range of remedial alternatives
- On 2/15/2023 the Board tentatively identified Alternative 3 of the FS as the Preferred Alternative
- The Preferred Alternative is presented in the Interim Remedial Action Plan (Proposed Plan) and evaluated in the Program EIR

NCP criteria were used in the FS to evaluate the alternatives and identify the Preferred Alternative.

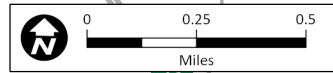
- Protectiveness of human health and environment
- Compliance with ARARs (State and Federal standards)
- Long-Term Effectiveness and Permanence
- Reduction of Toxicity, Mobility, or Volume through Treatment
- Short-Term Effectiveness
- Implementability
- Cost

Groundwater Extraction and Treatment with Discharge to Sewer/GWRS



Proposed Project Facilities

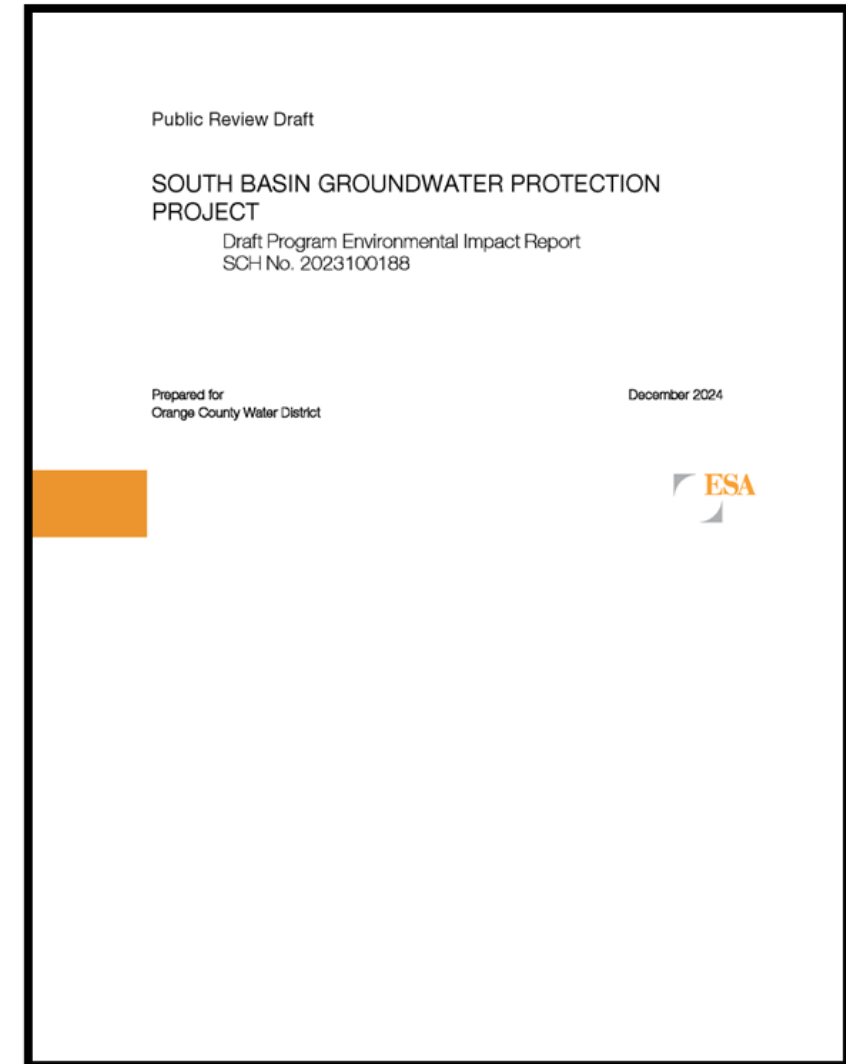
- South Basin Project Area
 - Project Facility Area
 - Extraction Alignment
 - Responsible Party (OCWD v. Sabc)
 - Release Site
 - Active Large-System Production Well
 - Monitoring Well
 - Multiport Monitoring Well
- Approximate Total Chemical of Concerns (COCs) Extent
- 1 to 10 parts per billion
 - 10 to 100 parts per billion
 - 100 to 1,000 parts per billion
 - 1,000 to 10,000 parts per billion
 - ≥ 10,000 parts per billion



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Program Environmental Impact Report

- Evaluates the project at a program level
- Appropriate because specific details, e.g. facility locations, are not yet known
- Additional CEQA documentation will be prepared prior to field work



Program EIR Public Participation



Impacts Evaluated in Program EIR

- Aesthetics
- Air Quality and GhG Emissions
- Biological Resources
- Cultural Resources
- Energy
- Geology and Soils
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Noise
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Alternatives Analysis

Potentially Significant Environmental Impacts

- Aesthetics (light and glare)
- Air Quality (construction equipment)
- Biological Resources (nesting birds)
- Cultural Resources (historic and archeological resources)
- Geology and Soils (paleontological resources)
- Noise (construction noise)
- Tribal Cultural Resources (native American monitoring)
- Utilities (underground utilities)

All impacts less than significant with mitigation

Interim Remedial Action Plan (Proposed Plan)

- Presents the Preferred Alternative to the public
- Summarizes the alternatives evaluated during the FS, highlighting the factors that led to the Preferred Alternative
- Forms the basis for OCWD's Preferred Alternative selection and circulated for public comment along with the RI/FS
- 45-day public review ended Jan. 27, 2025
- One comment letter was received
- District responses to comments were prepared and are part of the Record of Decision

Proposed Plan

Orange County Water District
South Basin Groundwater Protection Project, Operable Unit 2
Interim Remedial Action Plan



Orange County Water District Announces Proposed Plan

This Proposed Interim Remedial Action Plan (Proposed Plan) identifies the Preferred Alternative for Interim Remedial Measures (IRMs) to address contaminated groundwater in Operable Unit 2 (OU2) in the south-central portion (the South Basin) of the Orange County Groundwater Basin (the Basin) in Orange County, California as part of the South Basin Groundwater Protection Project (SBGPP) and provides the rationale for the selection of the Preferred Alternative.

In addition, this Proposed Plan summarizes six alternatives that were evaluated for the IRMs, including No Action. This document is issued by the Orange County Water District (OCWD or District), the lead agency for the SBGPP, in consultation with the Santa Ana Regional Water Quality Control Board (RWQCB) and California Department of Toxic Substances Control (DTSC), the State agencies, who reviewed this Proposed Plan and the SBGPP remedial investigation and feasibility study reports and provided comments. OCWD, in consultation with the State agencies, will select one of the alternatives as the IRMs, or No Action, after reviewing and considering all information submitted during the 45-day public comment period. OCWD, in consultation with the State agencies, may modify the Preferred Alternative or select another alternative presented in this Proposed Plan as the IRMs based on available information or public comments. The public is encouraged to review and comment on all the alternatives presented in this Proposed Plan.

OCWD issues this Proposed Plan pursuant to the provisions of Sections 300.430(f)(2) and 300.430(f)(3) of the National Oil and Hazardous Substances Pollution

MARK YOUR CALENDAR!!!
PUBLIC COMMENT PERIOD:
December 13, 2024 - January 27, 2025

OCWD will accept written comments on the Proposed Plan during the public comment period. Written comments can be delivered to OCWD staff at the Public Meeting, by mail, or by email to bleever@ocwd.com.

PUBLIC MEETING:
January 16, 2024

OCWD will hold a public meeting to explain the Proposed Plan and the alternatives presented in the Feasibility Study. Oral and written comments will also be accepted at the meeting. The meeting will be held at Delhi Center, 505 E. Central Ave., Santa Ana, CA 92707, at 6:00 p.m.

For more information, the RI/FS and Proposed Plan are at the following locations:

- Delhi Center - 505 E. Central Ave., Santa Ana, CA 92707 (714) 451-9500
- Santa Ana Library - 122 N. Newhope St., Santa Ana, CA 92703 (714) 647-6992
- Irvine Heritage Park Library - 14361 Yale Ave., Irvine, CA 92604 (949) 936-4040
- Tustin Library - 345 E. Main St., Tustin, CA 92780 (714) 244-7725
- State Water Resources Control Board GeoTracker website - https://geotracker.waterb.orgws.ca.gov/profile_report?global_id=1000000558

The Administrative Record is on OCWD's website - <https://www.ocwd.com/what-we-do/water-quality/groundwater/sasbas-south-basin/>

Operable Unit 2 (OU2) is defined as groundwater contamination in the Shallow Aquifer System off-property of numerous groundwater contamination source sites located within the SBGPP Study Area where groundwater contaminant plumes emanating from individual source sites have migrated and coning.

Remedial Response Process Pipeline



Page | 1

Record of Decision

- Supports the selection of the Preferred Alternative as the Interim Remedy
- Certifies that the remedy selection process was carried out in accordance with the NCP
- Summarizes the technical rationale and background information (e.g., RI/FS including the baseline risk assessment)
- Provides information necessary for determining the conceptual engineering components, and outlines the remedial action objectives for the Interim Remedy
- A public communication tool that explains the contamination problems the remedy seeks to address and the rationale for its selection

Record of Decision

South Basin Groundwater Protection Project, OU2 Interim Remedy

PART 1: DECLARATION

Site Name and Location

South Basin Groundwater Protection Project (SBGPP), Operable Unit 2 – Irvine, Santa Ana, Tustin, California

Statement of Basis and Purpose

This decision document presents the Selected Interim Remedy for the SBGPP, Operable Unit 2 – Irvine, Santa Ana, Tustin, California, which was chosen in general accordance with CERCLA¹, as amended by SARA², and, to the extent practicable, the NCP³.

Orange County Water District (OCWD) was formed in 1933 by the California legislature to manage the Orange County Groundwater Basin (Basin), which comprises a 350-square-mile area underlying the central and northern portions of Orange County and provides 85 percent of the water supplies to 19 cities and retail water agencies and 2.5 million people. OCWD is authorized under the Orange County Water District Act (District Act) to manage the Basin, and one of the primary roles of OCWD is to manage the Basin's water quality to ensure safe groundwater supplies. OCWD's statutory powers include the powers to "transport, reclaim, purify, treat, inject, extract, or otherwise manage and control water for the beneficial use of persons or property within the district and to improve and protect the quality of the groundwater supplies within the district;" to "provide for the protection and enhancement of the environment within and outside the district in connection with the water activities of the district;" and to "expend available funds to perform any cleanup, abatement, or remedial work required under the circumstances which, in the determination of the board of directors, is required by the magnitude of the endeavor or the urgency of prompt action needed to prevent, abate, or contain any threatened or existing contamination of, or pollution to, the surface or groundwaters of the district" (District Act, §§ 2(6)(j), 2(7), 8(b)).

This decision is based on the Administrative Record file for this Site.

Consistent with the preceding USEPA⁴ guidance, OCWD intends to implement cost effective interim remedial measures (IRMs) that will be consistent with any final remedy, if required. Conceptually, IRMs would be applied to Operable Unit 2 (OU2) groundwater and long-term groundwater monitoring would be performed as part of these actions. Five-year remedy

¹ Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

² Superfund Amendments and Reauthorization Act (SARA)

³ National Oil and Hazardous Substances Pollution Contingency Plan (NCP)

⁴ United States Environmental Protection Agency (USEPA)

Record of Decision (cont.)

- Submitted to the Santa Ana Regional Water Quality Control Board and Department of Toxic Substances Control for review on May 15, 2025
- Includes OCWD's response to comments received on the Interim Remedial Action Plan (Proposed Plan)
- Requires authorized signature, e.g., General Manager

Record of Decision South Basin Groundwater Protection Project, OU2 Interim Remedy

PART 1: DECLARATION

Site Name and Location

South Basin Groundwater Protection Project (SBGPP), Operable Unit 2 – Irvine, Santa Ana, Tustin, California

Statement of Basis and Purpose

This decision document presents the Selected Interim Remedy for the SBGPP, Operable Unit 2 – Irvine, Santa Ana, Tustin, California, which was chosen in general accordance with CERCLA¹, as amended by SARA², and, to the extent practicable, the NCP³.

Orange County Water District (OCWD) was formed in 1933 by the California legislature to manage the Orange County Groundwater Basin (Basin), which comprises a 350-square-mile area underlying the central and northern portions of Orange County and provides 85 percent of the water supplies to 19 cities and retail water agencies and 2.5 million people. OCWD is authorized under the Orange County Water District Act (District Act) to manage the Basin, and one of the primary roles of OCWD is to manage the Basin's water quality to ensure safe groundwater supplies. OCWD's statutory powers include the powers to "transport, reclaim, purify, treat, inject, extract, or otherwise manage and control water for the beneficial use of persons or property within the district and to improve and protect the quality of the groundwater supplies within the district;" to "provide for the protection and enhancement of the environment within and outside the district in connection with the water activities of the district;" and to "expend available funds to perform any cleanup, abatement, or remedial work required under the circumstances which, in the determination of the board of directors, is required by the magnitude of the endeavor or the urgency of prompt action needed to prevent, abate, or contain any threatened or existing contamination of, or pollution to, the surface or groundwaters of the district" (District Act, §§ 2(6)(j), 2(7), 8(b)).

This decision is based on the Administrative Record file for this Site.

Consistent with the preceding USEPA⁴ guidance, OCWD intends to implement cost effective interim remedial measures (IRMs) that will be consistent with any final remedy, if required. Conceptually, IRMs would be applied to Operable Unit 2 (OU2) groundwater and long-term groundwater monitoring would be performed as part of these actions. Five-year remedy

¹ Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

² Superfund Amendments and Reauthorization Act (SARA)

³ National Oil and Hazardous Substances Pollution Contingency Plan (NCP)

⁴ United States Environmental Protection Agency (USEPA)

Initial Estimated Project Budget

Preliminary Design Investigation (Year 1)

Monitoring Wells	\$ 1,900,000
Testing and Reporting	\$ 1,400,000
Design, CM, Contingency (30%)	\$ 1,000,000
Subtotal	\$ 4,300,000

Remediation System Construction (Years 2-3)

Wells and Pumps	\$ 5,800,000
Pipelines	\$ 2,200,000
Treatment Plants	\$ 1,900,000
Design, CM, Contingency (30%)	\$ 5,200,000
Subtotal	\$ 15,100,000

Total Capital Costs (Years 1-3 in 12/2024 dollars) \$ 19,400,000

Settlement Funds Available \$ 11,000,000

Annual Operation, Maintenance, and Monitoring (Years 4-50) \$ 1,500,000

RFP for Preliminary Design Investigation Work Plan

Scope of work includes:

- Property access evaluation
- Site-specific soil borings/sampling
- Well installation and testing
- Update conceptual site model
- Update groundwater model and extraction estimates

Recommended Board Action

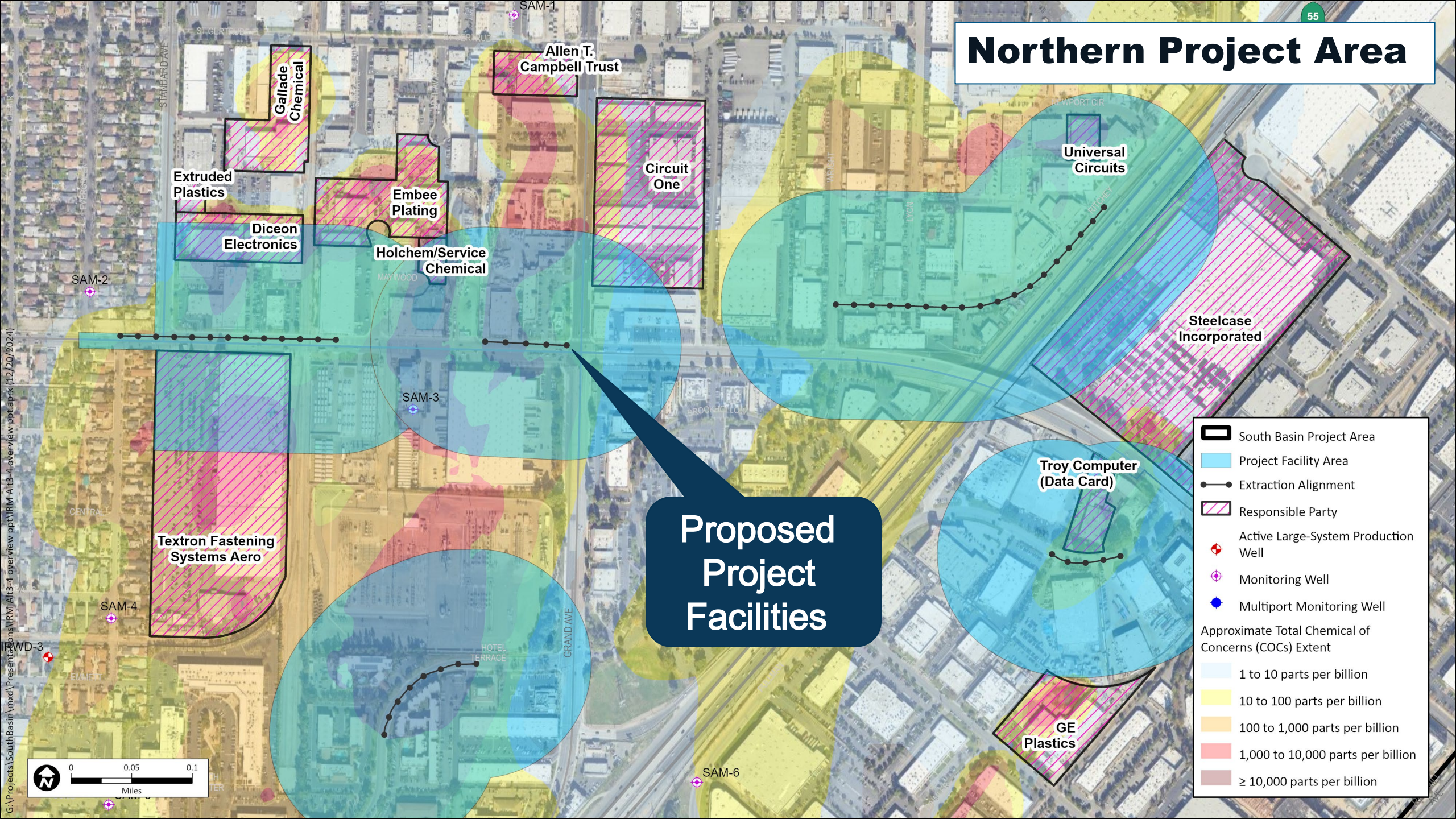
Adopt Resolution

1. Certifying the Final Program Environmental Impact Report (State Clearinghouse #2023100188)
2. Approving the Interim Remedial Action Plan
3. Authorizing the General Manager to sign the Record of Decision
4. Establishing an initial Capital Budget of \$19,400,000, and
5. Authorizing Issuance of a Request for Proposals to Prepare a Preliminary Design Investigation Work Plan for the South Basin Groundwater Protection Project

QUESTIONS?



Northern Project Area

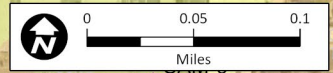


Proposed Project Facilities

- South Basin Project Area
- Project Facility Area
- Extraction Alignment
- Responsible Party
- Active Large-System Production Well
- Monitoring Well
- Multipoint Monitoring Well

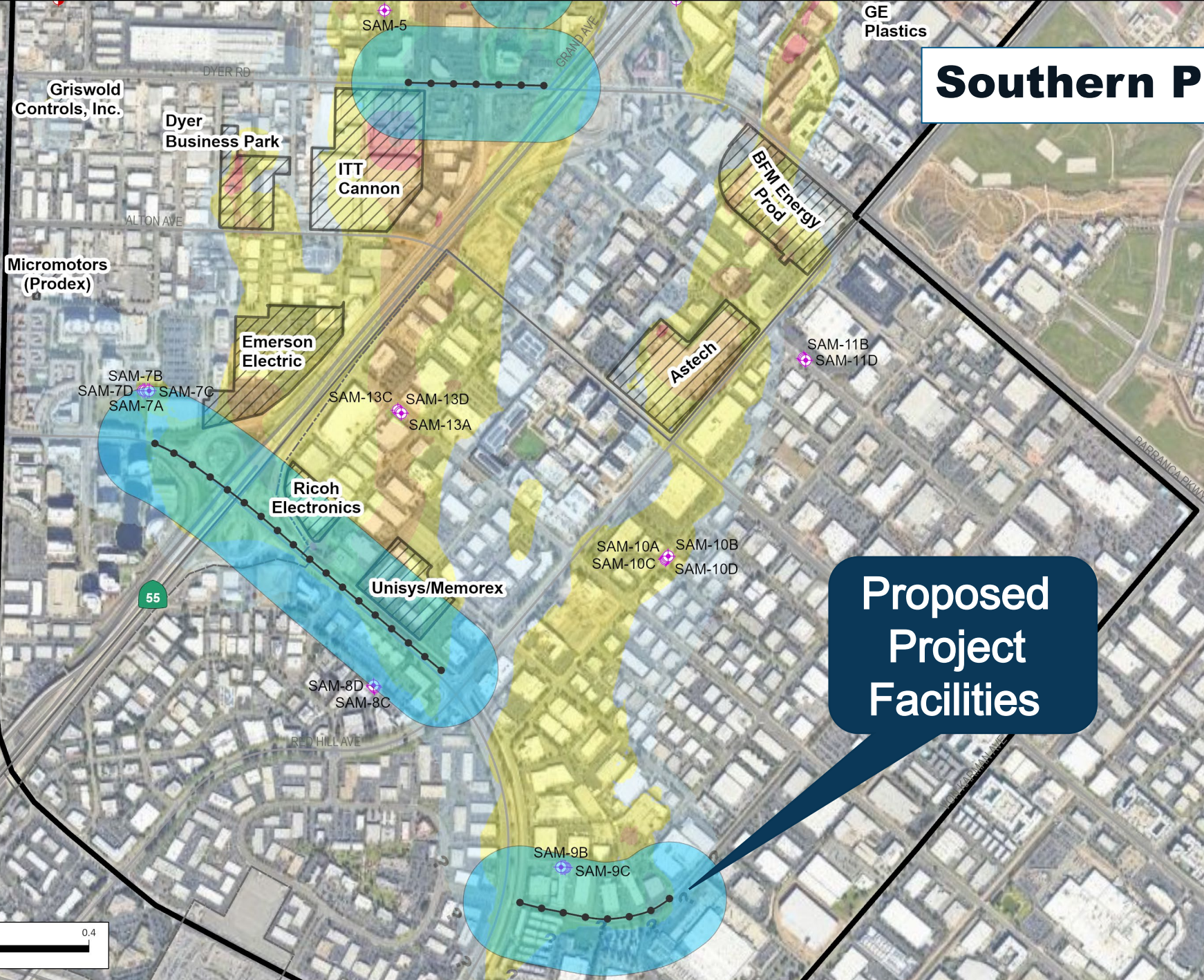
Approximate Total Chemical of Concerns (COCs) Extent

- 1 to 10 parts per billion
- 10 to 100 parts per billion
- 100 to 1,000 parts per billion
- 1,000 to 10,000 parts per billion
- ≥ 10,000 parts per billion



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Southern Project Area

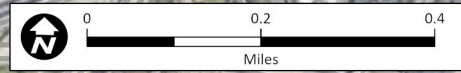


Proposed Project Facilities

- South Basin Project Area
- Project Facility Area
- Extraction Alignment
- Responsible Party
- Active Large-System Production Well
- Monitoring Well
- Multiport Monitoring Well

Approximate Total Chemical of Concerns (COCs) Extent

- 1 to 10 parts per billion
- 10 to 100 parts per billion
- 100 to 1,000 parts per billion
- 1,000 to 10,000 parts per billion
- ≥ 10,000 parts per billion



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USGS-NAWQA5

California Environmental Quality Act (CEQA)

- State Law that requires government agencies to consider the environmental consequences of their actions
- Requires public agencies to prepare documents that evaluate the environmental impacts of a project
- Requires the evaluation of a reasonable range of feasible alternatives for certain types of projects
- CEQA documents identify feasible mitigation measures that will reduce environmental impacts

Generalized Comments on the Program EIR and IRAP (Proposed Plan)

- Five comment letters received on the PEIR
- One comment letter received on the IRAP
- Commenters were Public Agencies and Attorneys/Consultants representing Source Sites
- General Comment Themes:
 - Impacts to source sites and source site remedies
 - Sustainability of the Interim Remedy
 - Change groundwater conditions and contaminant distribution
 - Lack of sensitive receptors or ecological receptors
 - Lack of numerical cleanup goals
 - Shallow aquifer is not used as a drinking water source
 - Groundwater extraction and treatment is “disfavored”
 - Characterization of the groundwater conditions



S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY

11615 Sterlina Avenue. Riverside. California 92503 • (951) 354-4220

This meeting will be conducted in person at the addresses listed below. As a convenience to the public, members of the public may also participate virtually using one of the options set forth below. Any member of the public may listen to the meeting or make comments to the Commission using the call-in number or Zoom link. However, in the event there is a disruption of service which prevents the Authority from broadcasting the meeting to members of the public, the meeting will not be postponed or rescheduled but will continue without remote participation. The remote participation option is provided as a convenience to the public and is not required. Members of the public are welcome to attend the meeting in-person.

Meeting Access Via Computer (Zoom):	Meeting Access Via Telephone:
<ul style="list-style-type: none"> • https://sawpa.zoom.us/j/85419934366 	<ul style="list-style-type: none"> • 1 (669) 900-6833
<ul style="list-style-type: none"> • Meeting ID: 854 1993 4366 	<ul style="list-style-type: none"> • Meeting ID: 854 1993 4366

REGULAR COMMISSION MEETING TUESDAY, JUNE 3, 2025 – 9:30 A.M.

(or immediately following the 8:30 a.m. PA 23 Committee meeting)

at

**Eastern Municipal Water District
Board Room
2270 Trumble Road
Perris, CA 92570**

and

303 W. Commonwealth Avenue
Fullerton, CA 92832

and

380 E. Vanderbilt Way
San Bernardino, CA 92408

AGENDA

- 1. CALL TO ORDER/PLEDGE OF ALLEGIANCE (Mike Gardner, Chair)**
- 2. ROLL CALL**
- 3. PUBLIC COMMENTS**

Members of the public may address the Commission on items within the jurisdiction of the Commission; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).

Members of the public may make comments in-person or electronically for the Commissions' consideration by sending them to publiccomment@sawpa.gov with the subject line "Public Comment". Submit your electronic comments by 5:00 p.m. on Monday, June 2, 2025. All public comments will be provided to the Chair and may be read into the record or compiled as part of the record. Individuals have a limit of three (3) minutes to make comments and will have the opportunity when called upon by the Commission.

- 4. ITEMS TO BE ADDED OR DELETED**

Pursuant to Government Code §54954.2(b), items may be added on which there is a need to take immediate action and the need for action came to the attention of the SAWPA Commission subsequent to the posting of the agenda.

5. **CONSENT CALENDAR**

All matters listed on the Consent Calendar are considered routine and non-controversial and will be acted upon by the Commission by one motion as listed below.

A. **APPROVAL OF MEETING MINUTES: MAY 20, 2025**

Recommendation: Approve as posted.

B. **TREASURER'S REPORT: APRIL 2025**

Recommendation: Approve as posted.

6. **NEW BUSINESS**

A. **MIDDLE SANTA ANA RIVER PATHOGEN TMDL TASK FORCE – 2026 TRIENNIAL REPORT AND SYNOPTIC STUDY (CM#2025.42)**

Presenter: Rick Whetsel

Recommendation: To authorize the General Manager to execute Task Order GEI384-03 with GEI Consultants for the amount not-to-exceed \$168,039 to conduct a Synoptic Water Quality Study and prepare the 2026 Triennial Report in support of the Middle Santa Ana River (MSAR) Bacteria TMDLs.

B. **PHASE 4 NETWORK COORDINATOR COST SHARING AGREEMENT AND FYE 2026/FYE 2027 NETWORK COORDINATOR TASK ORDER APPROVAL (CM#2025.43)**

Presenter: Ian Achimore

Recommendation: To execute the following items related to the Roundtable of Integrated Regional Water Management (IRWM) Regions:

1. Phase 4 California IRWM Roundtable of Regions Network Coordinator Cost Sharing Agreement, and
2. Task Order WSC373-04 with Water Systems Consulting Inc. for \$100,600 to serve as the Roundtable of Regions Network Coordinator for FYE 2026 and 2027.

C. **SANTA ANA RIVER WATERSHED CLOUD SEEDING PILOT PROGRAM (CM#2025.44)**

Presenter: Jeff Mosher

Recommendation: To consider terminating the Cloud Seeding Pilot Program based on the inability to cloud seed for a second year and the inconclusive results of the first year of cloud seeding (2023-2024).

7. **INFORMATIONAL REPORTS**

Recommendation: Receive for information.

A. **COMMUNICATIONS REPORT**

Presenter: Jeff Mosher

B. **GENERAL MANAGER REPORT**

Presenter: Jeff Mosher

C. **CHAIR'S COMMENTS/REPORT**

D. **COMMISSIONERS' COMMENTS**

E. **COMMISSIONERS' REQUEST FOR FUTURE AGENDA ITEMS**

8. CLOSED SESSION

There were no Closed Session items anticipated at the time of the posting of this agenda.

9. ADJOURNMENT

PLEASE NOTE:

Americans with Disabilities Act: If you require any special disability related accommodations to participate in this meeting, call (951) 354-4220 or email svilla@sawpa.gov 48-hour notification prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Requests should specify the nature of the disability and the type of accommodation requested.

Materials related to an item on this agenda submitted to the Commission after distribution of the agenda packet are available for public inspection during normal business hours at the SAWPA office, 11615 Sterling Avenue, Riverside, and available at www.sawpa.gov, subject to staff's ability to post documents prior to the meeting.

Declaration of Posting

I, Sara Villa, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on May 29, 2025, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.gov and posted at the following locations: SAWPA's office at 11615 Sterling Avenue, Riverside, CA 92503 | EMWD's Office at 2270 Trumble Road, Perris, CA 92570 | 303 W. Commonwealth Avenue, Fullerton, CA 92832 | 380 E. Vanderbilt Way, San Bernardino, CA 92408.

2025 SAWPA Commission Meetings/Events

First and Third Tuesday of the Month

(NOTE: All meetings begin at 9:30 a.m., and are held at SAWPA, unless otherwise noticed.)

January	February
1/7/25 Commission Workshop [cancelled]	2/4/25 Commission Workshop
1/21/25 Regular Commission Meeting	2/18/25 Regular Commission Meeting
March	April
3/4/25 Commission Workshop	4/1/25 Commission Workshop
3/18/25 Regular Commission Meeting	4/15/25 Regular Commission Meeting
May	June
5/6/25 Commission Workshop	6/3/25 Commission Workshop - EMWD
5/20/25 Regular Commission Meeting - IEUA	6/17/25 Regular Commission Meeting - EMWD
5/13 – 5/15/25 ACWA Spring Conference, Monterey, CA	
July	August
7/1/25 Commission Workshop - WMWD	8/5/25 Commission Workshop - SBVMWD
7/15/25 Regular Commission Meeting - WMWD	8/19/25 Regular Commission Meeting - IEUA
September	October
9/2/25 Commission Workshop	10/7/25 Commission Workshop
9/16/25 Regular Commission Meeting	10/21/25 Regular Commission Meeting
November	December
11/4/25 Commission Workshop	12/2/25 Commission Workshop
11/18/25 Regular Commission Meeting	12/16/25 Regular Commission Meeting
	12/2 – 12/4/25 ACWA Fall Conference, San Diego, CA

ACTION AGENDA
MEETING OF THE RETIREMENT COMMITTEE
Tuesday, May 27, 2025 – 12:00 p.m.

<u>ROLL CALL</u>	<u>STAFF MEMBERS</u>	ACTIONS
Erik Weigand Valerie Amezcua Roger Yoh	Jason Dadakis Kevin O’Toole	Quorum of Cte: Yes Quorum of Board: Yes
<u>ALTERNATES</u>	<u>STAFF ALTERNATES</u>	
Dina Nguyen (absent)	Roy Herndon (1 st Alt)	
Cathy Green	Bill Leever (2 nd Alt) (absent)	
Fred Jung	<u>EMPLOYEE ADVISORY COMMITTEE</u>	
Van Tran	Rita Hintlian	
Steve Sheldon (absent)	Jeremy Davis	
Natalie Meeks (absent)	Nic Nguyen	
Denis Bilodeau 12:05 p.m.	Jana Safarik (absent)	
	Craig Liebrecht	
CONSENT CALENDAR (ITEM NO. 1)		
1. MINUTES OF RETIREMENT COMMITTEE MEETING HELD APRIL 22, 2025		Approved
RECOMMENDATION: Approve minutes as presented		
MATTER FOR CONSIDERATION		
2. 457(B) DEFERRED COMPENSATION INTERMEDIATE BOND REVIEW WITH OPTIONS TO REPLACE JPMORGAN TOTAL RETURN CLASS SHARES CLOSURE		
RECOMMENDATION: Agendize for June 4 Board meeting:		Approve the following action:
Replace JPMorgan Total Return Fund Class R5 (JMTRX) shares with Dodge and Cox Income X (DOXIX)		➤
CHAIR DIRECTION AS TO WHICH ITEMS TO BE AGENDIZED ON CONSENT CALENDAR AT JUNE 4 BOARD MEETING		Item #2 on Consent
ADJOURNMENT		12:18 p.m.