



AGENDA

EAST ORANGE COUNTY WATER DISTRICT
(EOCWD)

Thursday, May 25, 2023
Clifton C. Miller Community Center
300 Centennial Way, Tustin, CA 92780

5:00 p.m.

MEETING MAY BE ATTENDED IN-PERSON AT THE ABOVE-REFERENCED LOCATION, OR REMOTELY AT:

To Access the Meeting by Computer/Device

<https://us02web.zoom.us/j/87601277425?pwd=YlExYnhYaUNCaTA4YXVxZlhBOGRzQT09>
or via short link: <https://bit.ly/41V05YF>

To Access the meeting by Phone: Dial: (669) 444-9171

Meeting ID: 876 0127 7425 Passcode: 389958

Members of the public shall be permitted to speak live either in-person or by using the above-referenced internet or telephone options at the meeting as to both agendized and non-agendized items.. Those wishing to speak may either submit a speaker request via the on-line chat feature before an item is heard, or by verbally indicating their desire to comment at the time the item is called. Additionally, members of the public may, but are not required to, e-mail comments to Sylvia Prado at sprado@eocwd.com up to 30 minutes before the Board meeting, and such comments shall be provided to the Board. Members of the public wishing to attend the meeting that require other reasonable modifications or accommodation to facilitate such attendance should contact Ms. Prado at (714) 538-5815 or the e-mail provided as soon as feasible before the meeting to make such request.

1. **Call Meeting to Order; Pledge of Allegiance – Vice President Murdoch**
2. **Consideration of Teleconferencing Notifications or Requests from Board Members**
Per Government Code § 54953(f), less than a quorum of Board members may on a limited basis videoconference to Board meetings for just cause or emergency circumstances.
3. **Addition of Items Arising After Posting of Agenda Requiring Immediate Action**
(Requires 2/3 vote or unanimous vote if less than 2/3 of members are present)

Recommendation: Adopt resolution determining need to take immediate action on item(s) and that the need for action came to the District's attention after posting of the Agenda and that such item(s) be added to the Agenda.

4. **Public Communications to the Board:** Opportunity for members of the public to comment on agenda items and non-agenda items. Each speaker and comment is limited to three minutes. During this time, e-mailed comments timely submitted to Ms. Prado shall be provided to the Board. Interested speakers who either verbally indicate their desire to speak during this item or submit a chat request at the beginning of the meeting shall be afforded an opportunity to address the Board. At the discretion of the Board President, comments on a particular agenda item may be deferred until that item is heard.

CONSENT CALENDAR (Items 5-10) All matters on the Consent Calendar are to be approved by one motion, without separate discussion on these items, unless a Board member or District staff request that specific items be removed from the Consent Calendar for separate consideration.

5. Minutes of Regular Board Meeting Held April 27, 2023
Recommendation: Approve minutes as presented.
6. Schedule of Disbursements
Recommendation: Approval of disbursements as submitted.
7. General Manager's Report
Recommendation: Receive and File.
8. Financial Statements
Recommendation: Informational.
9. Wholesale and Retail Water Usage Report
Recommendation: Informational.
10. Water Supply Contingency Plan – Level 0
Recommendation: Approve – Resolution 940

MATTER FOR CONSIDERATION

11. Presentation on SAWPA Weather Modification Pilot Study
Recommendation: Approve participation in pilot study
12. Award contract for Auditing Services
Recommendation: Approve contract with Nigro & Nigro



- 13. OC-43 Vault Improvements Project
Recommendation: Informational

MISCELLANEOUS ITEMS

- 14. Directors’ reports on meetings attended at District expense (Government Code Section 53232.3) and Directors’ comments. Directors or staff may ask questions for clarification, make brief announcements, and make brief reports on their own activities. Directors may provide a reference to staff or other resources for factual information, request staff to report back at a subsequent meeting concerning a matter, or direct staff to place a matter on a future agenda (Government Code § 54954.2)
- 15. Monthly Legislative & Outreach Report
Recommendation: Receive and File.

RECESS TO CLOSED SESSION

- 16. Conference with Legal Counsel - Existing Litigation (Govt Code § 54956.9(d)(1))– *East Orange County Water District v. Pacific Bell, et. al. (Orange County Superior Ct. Case No. 30-2022-01290371-CU-OR-CJC)*

ADJOURNMENT

Adjourning to the next Regular Meeting scheduled for **June 22, 2023**, at 5:00 p.m., at the Clifton C. Miller Community Center, 300 Centennial Way, Tustin, CA 92780 or on-line as noticed pursuant to findings of the Board.

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the East Orange County Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board are available for public inspection in the District’s office, 185 N. McPherson Road, Orange, California (“District Office”). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available at the reception desk of the District Office during business hours at the same time as they are distributed to the Board members, except that if such writings are distributed less than one hour prior to, or during, the meeting, they will be available in the meeting room of the District Office.

Disability-related accommodations: The East Orange County Water District Board of Directors meeting room is wheelchair accessible. If you require any special disability-related accommodations (e.g., access to an amplified sound system, etc.) please contact Sylvia Prado in the District Office at (714) 538-5815 during business hours at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in alternative format upon written request to Sylvia Prado in the District Office, at least seventy-two (72) hours prior to the scheduled meeting.

MINUTES OF THE
REGULAR MEETING OF THE BOARD OF DIRECTORS
OF THE EAST ORANGE COUNTY WATER DISTRICT (EOCWD)

April 27, 2023

1. Call to Order. A Regular Meeting of the Board of Directors of the East Orange County Water District held at the Clifton C. Miller Community Center was called to order by President DOUGLASS DAVERT at 5:00 p.m. on Thursday, April 27, 2023, with President DAVERT leading the Pledge of Allegiance. Public attendance was permitted in-person or via video or teleconference. JEFFREY HOSKINSON, Secretary, recorded the minutes of the meeting.

The following Directors attended the meeting: DOUGLASS DAVERT, GEORGE MURDOCH, JOHN NIELSEN, JOHN SEARS, and MARILYN THOMS.

Also present were:

DAVID YOUNGBLOOD
JEFF SMYTH
JERRY MENDZER
SYLVIA PRADO
JULIAN DE LA SOLIS
JEFF HOSKINSON
BYRON HOPP
STEVE GAGNON
HON. JOHN LEWIS

General Manager
Engineering Manager
Operations Manager
Office Manager
Administrative Assistant
District Secretary and Legal Counsel
Matrix Computer
Raftelis
Lewis Consulting

The meeting was also attended by several members of the public both in-person and on-line. Other staff and members of the public may have attended in-person or via video- or teleconference that are not listed above.

2. Consideration of Teleconferencing Notifications/Requests. None received

3. Addition of Items Arising After Posting of Agenda Requiring Immediate Action. (Requires 2/3 vote or unanimous vote if less than 2/3 of members are present).

ACTION TAKEN: None

4. Public Communications to the Board. None provided.

**** THE BOARD HEARD ITEM NO. 22 OUT OF ORDER**

22. Monthly Legislative & Outreach Report. Hon. John Lewis, of Lewis Consulting, presented his report, including a summary of the recent Orange County Board of Supervisors meeting and a general political update. Mr. Lewis provided an additional update on the Colorado River water system, as well as an update on the California State Water Project allocations projected for 100%.

ACTION TAKEN: The Board, on motion by MURDOCH, seconded by THOMS, by unanimous vote, received and filed the report.

**** THE BOARD RETURNED TO THE BALANCE OF THE AGENDA IN ORDER**

Consent Calendar. The Board, on motion from NIELSEN, seconded by THOMS, approved the Consent Calendar by unanimous vote, as follows:

5. **Minutes:** THE MINUTES OF THE MARCH 23, 2023 REGULAR MEETING OF THE BOARD WERE APPROVED AS SUBMITTED;
6. **Schedules of Disbursements:** THE BOARD APPROVED THE SCHEDULES OF DISBURSEMENTS AS SUBMITTED;
7. **General Manager's Report:** THE BOARD RECEIVED AND FILED THE GENERAL MANAGER'S REPORT;
8. **Financial Statements:** THE BOARD RECEIVED AND FILED THE FINANCIAL STATEMENTS;
9. **Wholesale and Retail Water Usage Report:** THE BOARD RECEIVED AND FILED THE WHOLESALE AND RETAIL WATER USAGE REPORT;
10. **ACWA Presidential Nomination:** THE BOARD APPROVED RESOLUTION NO. 929 SUPPORTING CATHY GREEN FOR ACWA PRESIDENT;
11. **District Offices Construction Management:** THE BOARD APPROVED CONSTRUCTION MANAGEMENT CONTRACT FOR BUTIER ENGINEERING IN THE AMOUNT OF \$217,560 RELATIVE TO THE DISTRICT OFFICE CONSTRUCTION PROJECT;
12. **PFAS Treatment System Grant Application:** THE BOARD APPROVED RESOLUTION NO. 930 IN SUPPORT OF PFAS TREATMENT SYSTEM GRANT APPLICATION;
13. **OC-43 Walnut Turnout Contract Amendment with Black and Veach:** THE BOARD APPROVED AMENDMENT OF OC-43 WALNUT TURNOUT CONTRACT AMENDMENT IN THE AMOUNT OF \$37,740 FOR ADDITIONAL DESIGN SERVICES;
14. **Newport Reservoir Rehabilitation Final Acceptance:** THE BOARD ACCEPTED FINAL COMPLETION OF THE NEWPORT RESERVOIR REHABILITATION PROJECT.

Matters for Consideration.

15. Presentation on 2023 Rate and Capacity Fee Study. Following a brief introduction by President DAVERT and General Manager Youngblood, Steve Gagnon of Raftelis presented the 2023 EOCWD Retail Zone, Wholesale Zone, and Sewer Rate, and Capacity Fee Study (“Rate Study”), with specific focus on the retail water rates and the sewer rates before the Board for Proposition 218 hearings.

ACTION TAKEN: The Board, on motion by NIELSEN, seconded by THOMS, by unanimous vote received and filed the Rate Study as presented.

16. Proposed Retail Zone (RZ) Rate Increase and Placement of RZ Capital Charges on Property Tax Roll. At 5:33 p.m., President DAVERT opened the public hearing relative to the proposed retail water rates. The Board received public comments from one rate payer, objecting to the split of the water bill between the property tax bill and monthly water bill. President DAVERT closed the public hearing at 5:35 p.m., after verifying no further in-person or on-line comments. Board Secretary Jeffrey Hoskinson thereafter tabulated the written protests received, announcing that three (3) written protests were received, short of the 606 protests needed for a majority protest.

ACTION TAKEN: The Board, on motion by SEARS, seconded by THOMS, by unanimous vote approved Resolution Nos. 931 and 932, authorizing the retail zone (RZ) water rate increase and placement of the RZ capital charges on the property tax bill.

17. Proposed Improvement District No. 1 (ID1) Sewer Rate Increase and Placement of Sewer Charges on Property Tax Roll. At 5:38 p.m., President DAVERT opened the public hearing relative to the proposed ID1 sewer rate increases. The Board received public comments from five ratepayers, objecting to the magnitude of the rate increase each year, with brief responses from the Board to comments raised. President DAVERT closed the public hearing at 5:51 p.m., after verifying no further in-person or on-line comments. Board Secretary Jeffrey Hoskinson thereafter tabulated the written protests received, announcing that sixteen (16) written protests were received. The Board deemed two of the oral comments, from those who did not also submit written objections, as valid protests, for a total of 18 protests, short of the 8,757 needed for a majority protest.

ACTION TAKEN: The Board, on motion duly seconded, by unanimous vote approved Resolution Nos. 933 and 934, authorizing the ID1 sewer rate increase and placement of such charges on the property tax roll.

18. Proposed Fat, Oils & Grease (FOG) Fee on Property Tax Roll. At 5:54 p.m., President DAVERT opened the public hearing relative to the proposed placement of FOG fees on the property tax roll. No comments were presented. President DAVERT closed the public hearing at 5:54 p.m.

ACTION TAKEN: The Board, on motion by MURDOCH, seconded by SEARS, by unanimous vote approved Resolution No. 935, authorizing the placement of the FOG Fees on the Property Tax Roll.

19 Wholesale Zone (WZ) Rate Increase.

ACTION TAKEN: The Board, on motion by NIELSEN, seconded by SEARS, by unanimous vote approved Resolution No. 936, authorizing the proposed increased in WZ water rates.

20 Retail Zone (RZ), Wholesale Zone (WZ), and Sewer (ID1) Connection and Capacity Charge Increase. .

ACTION TAKEN: The Board, on motion by NIELSEN, seconded by MURDOCH, by unanimous vote approved Resolution Nos. 937, 938, and 939, authorizing the proposed increase in connection and capacity charges for the RZ, WZ, and ID1 zones, respectively.

Miscellaneous Items.

22. Directors' reports on meetings attended at District expense (Government Code Section 53232.3) and Directors' comments. The Directors reported attendance as set forth in the agenda, as follows:

President Davert

3/8 OC LAFCO Commission Meeting
3/23 EOCWD Regular Board Meeting

Vice President Murdoch

3/1 ACWA Region 10 State Legislative Committee Prep Meeting
3/22 ACWA Region 10 State Legislative Committee Prep Meeting
3/23 EOCWD Regular Board Meeting

Director Sears

3/3 Water Advisory Committee of Orange County (WACO) Meeting
3/6 Foothill Communities Association Annual Meeting
3/23 EOCWD Regular Board Meeting
3/30 ISDOC Virtual Quarterly Luncheon

Director Thoms

3/3 Water Advisory Committee of Orange County (WACO) Meeting
3/6 Foothill Communities Association Annual Meeting
3/23 EOCWD Regular Board Meeting

Director Nielsen

3/23 EOCWD Regular Board Meeting

Director SEARS provided a summary of the WACO meeting, including a discussion on atmospheric rivers. Director Nielsen congratulated Orange County Water District and Sanitation District on final phase of the Groundwater Recovery System ("GWRS") project. President DAVERT made a brief summary report.



Closed Session.

Conference with Legal Counsel - Existing Litigation (Govt Code § 54956.9(d)(1))- *Irvine Ranch Water District v. Orange County Water District*, Case No. 30-2016-00858584-CU-WMCJC.

Report Out: The Board reconvened in Open Session at 6:07 p.m., and Board Secretary Hoskinson reported that the Board took no reportable action.

Adjournment.

The Board adjourned the meeting at or around 6:07 p.m. to the next Regular Meeting of the Board of Directors on **Thursday, May 25, 2023**, at 5:00 p.m., to be held at the Clifton C. Miller Community Center, 300 Centennial Way, Tustin, CA 92780.

Respectfully submitted,

Jeffrey A. Hoskinson



MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: MONTHLY DISBURSEMENTS
DATE MAY 25, 2023

Background

Monthly disbursements

Recommendation

Approval of disbursements as submitted.

Attachment(s): Monthly disbursements report

EAST ORANGE COUNTY WATER DISTRICT

DISBURSEMENT SUMMARY

May 25, 2023

WHOLESALE AND RETAIL BILL PAYMENTS	\$968,229.95
EFT Wire Transfers:	
Webster Bank - Installment Purchase Payment	\$1,077,488.00
MWDOC - Water Deliveries Payment for March 2023	\$386,783.64
BeckCo, Inc - Treatment Plant Demo	\$195,490.00
DIRECTOR'S PAYROLL	\$1,275.77
EMPLOYEE'S PAYROLL	\$172,481.54
DISBURSEMENT TOTAL	<u><u>\$2,801,748.90</u></u>

TRANSFER SUMMARY

TRANSFERS	\$ -
TRANSFER TOTAL	<u><u>\$0.00</u></u>

NOTE: THE EXPLANATION OF FUNDS TRANSFERRED IS SHOWN ON THE FUNDS TRANSFERRED SHEET ATTACHED.

10:41 AM

05/19/23

Accrual Basis

East Orange County Water District Bills For Consideration

As of April 30, 2023

Date	Num	Name	Memo	Credit
04/25/2023	7515	AKM CONSULTING ENGINEERS	2021 SSMP Audit 02/27/23-03/31/23	8,911.00
04/25/2023	7516	ALS GROUP USA, CORP	Laboratory Analysis (water quality) April 2023	210.00
04/25/2023	7517	ARDURRA GROUP, INC.	EOCWD Administration Building	195.00
04/25/2023	7518	AT&T	Office Fax 03/01/23-03/31/23	41.12
04/25/2023	7519	AT&T	SCADA Fax 03/01/23-03/31/23	41.12
04/25/2023	7520	AT&T	Office Lines 03/01/23-03/31/23	71.27
04/25/2023	7521	AT&T	SCADA System 03/01/23-03/31/23	403.92
04/25/2023	7522	AT&T	SCADA Alarm 03/01/23-03/31/23	41.35
04/25/2023	7523	ATKINSON, ANDELSON, LOYA, RUUD ...	March 2023 Legal Fees	12,102.00
04/25/2023	7524	BUTIER ENGINEERING, INC	OC-43 Walnut Turnout Vault	15,745.00
04/25/2023	7525	CALIFORNIA BARRICADE INC.	Traffic Control Signs	2,047.35
04/25/2023	7526	CARBON HEALTH MEDICAL GROUP O...	Employee Physical	135.00
04/25/2023	7527	Carol Kebler	RZ Customer Deposit Refund	222.61
04/25/2023	7528	Carolyn Honigman	RZ Customer Deposit Refund	165.91
04/25/2023	7529	Charlie Demarais	RZ Customer Deposit Refund	100.78
04/25/2023	7530	Cheryl Deen	RZ Customer Deposit Refund	30.25
04/25/2023	7531	CINTAS CORPORATION NO. 3	Uniforms - April 2023	209.60
04/25/2023	7532	COLUMN SOFTWARE, PBC	County Notices	5,822.62
04/25/2023	7533	COUNTY OF ORANGE	Encroachment Permits	4,894.59
04/25/2023	7534	COUNTY OF ORANGE - TREASURER T...	Communication Charges 04/01/23-06/30/23	869.00
04/25/2023	7535	CR&R INC.	Service Period 04/01/23-04/30/23 (185 N McPherson)	223.21
04/25/2023	7536	EIDE BAILLY LLP	Consulting Services Retainer & Out of Scope - March 2023	10,331.25
04/25/2023	7537	Family Promise of OC	Plan Check Refund	2,882.17
04/25/2023	7538	FOLSOM CHEVROLET	Purchase of 2023 Chevrolet Silverado Truck	48,917.65
04/25/2023	7539	FOOTHILL SENTRY, INC	Water Conservation Ad	525.17
04/25/2023	7540	GENERATOR SERVICES CO, INC	Generator Rental 04/01/23-04/30/23	2,699.52
04/25/2023	7541	GOLDEN BELL PRODUCTS, INC.	Insecticide Control Service	392.00
04/25/2023	7542	HAAKER EQUIPMENT COMPANY	Vehicle Maintenance	11,838.70
04/25/2023	7543	HACH COMPANY	Water Quality Testing Materials	604.38
04/25/2023	7544	HOME DEPOT CREDIT SERVICES	Misc. Hardware, Materials & Tools/Maintenance	3,164.17
04/25/2023	7545	Houtan & Stephanie Ann Rezaei	Refund for Local Sewer Capacity Charge	432.00
04/25/2023	7546	IRVINE PIPE SUPPLY	Newport Reservoir Material	127.98
04/25/2023	7547	MATRIX COMPUTER SERVICE	IT Support - 02/21/23-03/17/23	5,225.00
04/25/2023	7548	MKN	EOCWD Zone 3 to 2 Pipeline Conversion, Brae Glen Pipeline & Barrett Pum...	44,422.91
04/25/2023	7549	MONRO, INC.	Vehicle Maintenance	485.84
04/25/2023	7550	MY SELF STORAGE SPACE ORANGE	Storage Rental 5/1/23-5/31/23	579.00
04/25/2023	7551	Nicole Provansal	Overpayment of Permit No. 23-019	5.00
04/25/2023	7552	ORANGE COUNTY FIRE PROTECTION	Fire Extinguisher Annual Maintenance	248.50
04/25/2023	7553	Orange County Sanitation District	March 2023 Sewer Permits	23,507.16
04/25/2023	7554	Pedro McCracken Design Group Inc	Plan Check Refund	2,024.74
04/25/2023	7555	RAFTELIS FINANCIAL CONSULTANTS	Professional Services 02/01/23-03/31/23	765.00
04/25/2023	7556	RED WING SHOE STORE	Boots for Employee	252.12
04/25/2023	7557	South County Estates Inc	RZ Customer Deposit Refund	763.97
04/25/2023	7558	SOUTHERN CALIFORNIA EDISON	VOID	
04/25/2023	7559	SPECTRUM BUSINESS	Office Internet 04/08/23-05/07/23	521.92
04/25/2023	7560	STEVEN ANDREWS ENGINEERING	Engineering Services 12/01/22-03/31/23	2,830.00
04/25/2023	7561	SUNBELT RENTALS	Equipment Rental - 04/03/23-04/04/23	127.25
04/25/2023	7562	T.E. ROBERTS, INC.	OC-43 Walnut Turnout Vault	33,180.15
04/25/2023	7563	TOM DODSON & ASSOCIATES	6MG Peters Canyon Reservoir Environmental	450.00
04/25/2023	7564	TOTAL EXTERMINATING INC	Rodent Control - Peter's Canyon Res - April 2023	275.00
04/25/2023	7565	ULINE	Office Supplies	38.53
04/25/2023	7566	W.A. Rasic Construction	Sewer Replacement	35,890.82
04/25/2023	7567	WATERLINE TECHNOLOGIES INC.	Water Quality	1,370.88
04/25/2023	7568	XEROX CORPORATION	Copier - Monthly Maintenance March 2023	144.61
04/25/2023	7569	YO FIRE	6MG Reservoir Treatment Plant	423.46
04/25/2023	7570	SOUTHERN CALIFORNIA EDISON	Electricity - Various Location -12/23/22-04/09/23	2,496.27
TOTAL				290,425.82

East Orange County Water District
Bills For Consideration
As of May 19, 2023

Date	Num	Name	Memo	Credit
05/05/2023	7571	ACWA-JPIA (EMP INSURANCE)	Employee Med/Dental/Vision/Life Insurance June 2023	20,672.91
05/05/2023	7572	Advanced Industrial Services, Inc.	Rehabilitation of Newport Reservoir	4,750.00
05/05/2023	7573	ALLCOM BUILDING SERVICES	May 2023 Janitorial	710.00
05/05/2023	7574	ALS GROUP USA, CORP	Laboratory Analysis (water quality) May 2023	247.50
05/05/2023	7575	AMERICAN WATER WORKS ASSOC	Membership 7/1/23 - 06/30/24 D. Youngblood	487.00
05/05/2023	7576	AT&T LONG DISTANCE	Long Distance Calls 04/03/23-04/25/23	12.38
05/05/2023	7577	BEST BEST & KRIEGER LLP	Legal Services through 04/30/23	3,520.00
05/05/2023	7578	C WELLS PIPELINE MATERIALS INC	Hydrant Lateral Valve	2,773.57
05/05/2023	7579	CALIFORNIA BARRICADE INC.	Equipment	11,634.03
05/05/2023	7580	California Water Environment Association	CWEA Membership Employee Renewal	202.00
05/05/2023	7581	CINTAS CORPORATION NO. 3	Uniforms - April 2023	209.60
05/05/2023	7582	CITY OF ORANGE	Vehicle Maintenance	2,867.94
05/05/2023	7583	CITY OF ORANGE-WATER	02/22/23-04/24/23 Water Usage for 210 N. McPherson Road	150.28
05/05/2023	7584	CITY OF TUSTIN	Construction Meter 01/27/2023 - 03/30/2023 (to clean sewer system)	642.98
05/05/2023	7585	COMMUNICATIONS LAB	Professional Services - March 2023	5,000.00
05/05/2023	7586	CORE & MAIN LP	Hydrant Maintenance	2,804.42
05/05/2023	7587	EAST ORANGE COUNTY WATER DIST.	Payment to WZ for Imported Water	52,175.01
05/05/2023	7588	EEC ENVIRONMENTAL	FOG Program 03/01/23-03/31/23	5,142.50
05/05/2023	7589	EIDE BAILLY LLP	Consulting Services Retainer & Out of Scope - April 2023	9,728.98
05/05/2023	7590	Eric Rustad & Susanna Rustad	Customer Inspection Fee Refund	803.00
05/05/2023	7591	GALLADE CHEMICAL	Water Quality	460.40
05/05/2023	7592	HAAKER EQUIPMENT COMPANY	Vehicle Maintenance	700.07
05/05/2023	7593	HACH COMPANY	Water Quality Testing Materials	658.51
05/05/2023	7594	HILL BROTHERS CHEMICAL CO	Chemicals for WZ Reservoir	682.50
05/05/2023	7595	Kamal Akhundov	OCSAN's Regional and EOCWD Fee's Refund	1,398.69
05/05/2023	7596	LEWIS CONSULTING GROUP	Consulting Services - April 2023	2,500.00
05/05/2023	7597	Lydia Tutunjian	RZ Customer Refund	573.45
05/05/2023	7598	MAIN GRAPHICS	Bi-Monthly Water Bill Mailing	1,290.91
05/05/2023	7599	MATRIX COMPUTER SERVICE	IT Support - Petty Cash Reimbursement	1,051.44
05/05/2023	7600	MKN	EOCWD Zone 3 to 2 Pipeline Conversion & Water Standards Update	15,456.93
05/05/2023	7601	PARADISE DRINKING WATERS	Bottled Water (Office/Field)	65.15
05/05/2023	7602	PETE'S ROAD SERVICE INC.	Vehicle Maintenance	1,872.85
05/05/2023	7603	PTI SAND & GRAVEL	Mains Lines Maintenance	628.58
05/05/2023	7604	SIGNS BY TOMORROW	Building Maintenance	1,043.72
05/05/2023	7605	SMARTCOVER SYSTEMS	SmartCover - SubSonic Systems & Labor	11,669.02
05/05/2023	7606	SOCALGAS	Gas 03/27/23-04/25/23 185 N McPherson	3.97
05/05/2023	7607	SOUTHERN CALIFORNIA EDISON	Electricity - Various Location 01/25/23-04/25/23	188.20
05/05/2023	7608	SOUTHLAND PIPE CORP.	Newport Reservoir Vault	1,998.77
05/05/2023	7609	STANDARD INSURANCE COMPANY	Life Insurance Premium 05/01/23-05/31/23	845.60
05/05/2023	7610	TETRA TECH, INC.	Peters Canyon 6MG Replacement Conceptual Design- Consulting Services	12,823.68
05/05/2023	7611	TOWNSEND PUBLIC AFFAIRS, INC.	State/Fed Gov Relations May 2023	3,000.00
05/05/2023	7612	ULTRA WELDING, INC.	6MG Treatment Plant	675.00
05/05/2023	7613	UNDERGROUND SERVICE ALERT	USA Location - April 2023	420.53
05/05/2023	7614	VISTA ENVIRONMENTAL CONSULTING, I...	OC-43 Vault - Hazardous Materials Survey	1,550.00
05/05/2023	7615	VULCAN MATERIALS COMPANY	Main Lines Maintenance	528.94
05/05/2023	7616	WATERLINE TECHNOLOGIES INC.	Water Quality	1,612.80
05/05/2023	7617	WESTERLY METER SERVICE CO. LLC	Meter Maintenance	665.00
05/05/2023	7618	YO FIRE	Vault Maintenance	2,561.23
05/15/2023	7619	AKM CONSULTING ENGINEERS	2021 SSMP Audit - 04/03/23-04/28/23	5,301.00
05/15/2023	7620	ALS GROUP USA, CORP	Laboratory Analysis (water quality) May 2023	225.00
05/15/2023	7621	ARC Document Solutions, LLC	Drawings - Brae Glen	183.33
05/15/2023	7622	AT&T	Office Fax 04/01/23-04/30/23	38.37
05/15/2023	7623	AT&T	Office Lines 04/01/23-04/30/23	66.56
05/15/2023	7624	AT&T	SCADA System 04/01/23-04/30/23	373.66
05/15/2023	7625	AT&T	SCADA Alarm 04/01/23-04/30/23	38.49
05/15/2023	7626	AT&T	SCADA Fax Line 04/01/23-04/30/23	38.37
05/15/2023	7627	BUTIER ENGINEERING, INC	OC-43 Walnut Turnout Vault	29,500.00
05/15/2023	7628	C WELLS PIPELINE MATERIALS INC	6MG Demo Treatment Plant	921.26
05/15/2023	7629	CINTAS CORPORATION NO. 3	Uniforms -May 2023	113.00
05/15/2023	7630	CITY OF ORANGE	Vehicle Maintenance	168.00
05/15/2023	7631	COUNTY OF ORANGE - TREASURER T...	Communication Charges - 01/01/23 - 03/31/2023	869.00
05/15/2023	7632	CR&R INC.	Waste Disposal Service - 05/01/23-05/31/23	223.21
05/15/2023	7633	ENGEO INCORPORATED	Hydrogeo Services for Well Destruction	420.00
05/15/2023	7634	HAAKER EQUIPMENT COMPANY	Vehicle Maintenance	1,818.71
05/15/2023	7635	HACH COMPANY	Water Quality Testing Materials	990.21
05/15/2023	7636	HOME DEPOT CREDIT SERVICES	Misc. Hardware, Materials & Tools/Maintenance	497.20
05/15/2023	7637	MKN	EOCWD Zone 3 to 2 Pipeline Conversion and EOCWD Brae Glen Pipeline	4,373.90
05/15/2023	7638	PACIFIC HYDROTECH CORPORATION	Barrett Booster Pump Station	133,444.12
05/15/2023	7639	SC FUELS	Fuel - April 2023	4,459.23
05/15/2023	7640	SNYDER LANGSTON, LLC	District Office Conceptual Design	256,363.00
05/15/2023	7641	SOUTHERN CALIFORNIA NEWS GROUP	Notice of Public Hearing - Fog Fee Collection & Water/Sewer Rate Increase	5,822.62
05/15/2023	7642	SUNKIST SOLUTIONS, LLC	Professional Services 03/01/23-04/30/23	1,762.50
05/15/2023	7643	TOM DODSON & ASSOCIATES	6MG Peters Canyon Reservoir Environmental	750.00
05/15/2023	7644	ULTRA WELDING, INC.	Newport Reservoir Roof Repair	5,035.00
05/15/2023	7645	V & A CONSULTING ENGINEERS	Engineering Services - 2022-2023 CP Annual Survey	4,564.25
05/15/2023	7646	VERIZON WIRELESS	Wireless - 03/26/23-04/25/23	831.80
05/15/2023	7647	VISTA ENVIRONMENTAL CONSULTING, I...	Hazardous Materials Survey	5,180.00
05/15/2023	7648	VULCAN MATERIALS COMPANY	Main Lines Maintenance	521.82

10:41 AM

05/19/23

Accrual Basis

East Orange County Water District

Bills For Consideration

As of May 19, 2023

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Credit</u>
05/15/2023	7649	WATERLINE TECHNOLOGIES INC.	Water Quality	864.00
05/15/2023	7650	WEST YOST & ASSOCIATES, INC	Professional Services 03/04/23 - 04/07/23	18,872.20
05/15/2023	7651	XEROX CORPORATION	Copier - Monthly Maintenance April 2023	172.19
05/15/2023	7652	YO FIRE	Main Lines Maintenance	1,542.09
TOTAL				<u>677,804.13</u>

EAST ORANGE COUNTY WATER DISTRICT
 CITIZENS BUSINESS BANK
 Prior Month's Checks To Ratify
 DIRECTORS' PAYROLL*
 25-May-23

PAYMENT FOR BOARD AND COMMITTEE MEETINGS IN THE MONTH OF MARCH 2023

DATE	CHECK NO	AMOUNT	PAYABLE TO
4/27/2023	400	\$ 160.04	BOARD DIRECTOR
4/27/2023	401	\$ 160.03	BOARD DIRECTOR
4/27/2023	402	\$ 614.52	BOARD DIRECTOR
4/27/2023	403	\$ 160.03	BOARD DIRECTOR
		\$ 1,094.62	TOTAL PAYROLL CHECKS
PAYROLL TAXES, ADP CHARGE EFT			
		\$181.15	ADP TAXES
		\$181.15	TOTAL CHARGES & TRANSFER
		\$1,275.77	

***** NOTE: DOUG DAVERT DECLINES PAYMENT FOR ALL MEETINGS**

*Note: Payroll is processed by ADP (Automatic Data Processing)

EAST ORANGE COUNTY WATER DISTRICT
 CITIZENS BUSINESS BANK
 Prior Month's Checks To Ratify
 EMPLOYEES' PAYROLL*
 Month of APR 2023

	CHECK DATE	CHECK AMOUNT	PAYABLE TO
AUTO DEPOSIT	4/5/2023	\$ 7,231.85	GENERAL MANAGER
AUTO DEPOSIT	4/5/2023	\$ 5,604.21	ENGINEERING MANAGER
AUTO DEPOSIT	4/5/2023	\$ 5,498.61	OPERATIONS MANAGER
AUTO DEPOSIT	4/5/2023	\$ 3,481.54	GIS MANAGER
AUTO DEPOSIT	4/5/2023	\$ 3,285.83	WASTEWATER SUPERVISOR
AUTO DEPOSIT	4/5/2023	\$ 2,195.05	WATER DISTRIBUTION OPERATOR III
AUTO DEPOSIT	4/5/2023	\$ 3,154.15	WATER DISTRIBUTION OPERATOR I
AUTO DEPOSIT	4/5/2023	\$ 3,383.37	WASTEWATER COLLECTION OPERATOR II
AUTO DEPOSIT	4/5/2023	\$ 2,093.66	WASTWATER COLLECTION OPERATOR II
AUTO DEPOSIT	4/5/2023	\$ 2,292.37	WASTEWATER COLLECTIONS OPERATOR II
AUTO DEPOSIT	4/5/2023	\$ 1,819.90	WASTEWATER COLLECTION OPERATOR I
AUTO DEPOSIT	4/5/2023	\$ 1,430.17	INTERN
AUTO DEPOSIT	4/5/2023	\$ 2,537.32	OFFICE MANAGER
AUTO DEPOSIT	4/5/2023	\$ 2,335.76	MANAGEMENT ANALYST
AUTO DEPOSIT	4/5/2023	\$ 2,220.58	ADMINISTRATIVE ASSISTANT I
AUTO DEPOSIT	4/5/2023	\$ 1,601.90	PART TIME ADMINISTRATIVE ASSISTANT
		<u>\$ 50,166.27</u>	SUB TOTAL

AUTO DEPOSIT	4/19/2023	\$ 6,774.08	GENERAL MANAGER
AUTO DEPOSIT	4/19/2023	\$ 5,604.23	ENGINEERING MANAGER
AUTO DEPOSIT	4/19/2023	\$ 5,979.08	OPERATIONS MANAGER
AUTO DEPOSIT	4/19/2023	\$ 3,481.54	GIS MANAGER
AUTO DEPOSIT	4/19/2023	\$ 3,965.62	WASTEWATER SUPERVISOR
AUTO DEPOSIT	4/19/2023	\$ 2,062.06	WATER DISTRIBUTION OPERATOR III
AUTO DEPOSIT	4/19/2023	\$ 1,779.05	WATER DISTRIBUTION OPERATOR I
AUTO DEPOSIT	4/19/2023	\$ 2,307.68	WASTEWATER COLLECTION OPERATOR II
AUTO DEPOSIT	4/19/2023	\$ 2,076.75	WASTEWATER COLLECTION OPERATOR II
AUTO DEPOSIT	4/19/2023	\$ 2,297.89	WASTEWATER COLLECTIONS OPERATOR II
AUTO DEPOSIT	4/19/2023	\$ 1,790.95	WASTEWATER COLLECTION OPERATOR I
AUTO DEPOSIT	4/19/2023	\$ 1,430.17	INTERN
AUTO DEPOSIT	4/19/2023	\$ 2,751.46	OFFICE MANAGER
AUTO DEPOSIT	4/19/2023	\$ 2,315.88	MANAGEMENT ANALYST
AUTO DEPOSIT	4/19/2023	\$ 2,220.57	ADMINISTRATIVE ASSISTANT I
AUTO DEPOSIT	4/19/2023	\$ 1,601.90	PART TIME ADMINISTRATIVE ASSISTANT
		<u>\$ 48,438.91</u>	SUB TOTAL

4/5/2023	\$25,435.95	ADP TAXES
4/5/2023	\$2,882.86	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER
4/5/2023	\$3,554.15	EMPLOYER PERS ELECTRONIC FUNDS TRANSFER
4/5/2023	\$1,980.25	EMPLOYEE PERS PEPRA TRANSFER
4/5/2023	\$2,191.49	EMPLOYER PERS PEPRA MEMBER TRANSFER
4/5/2023	\$1,515.22	CAL PERS 457 - ING BANK
	<u>\$37,559.91</u>	TOTAL TRANSFERS

4/19/2023	\$24,046.35	ADP TAXES
4/19/2023	\$2,871.86	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER
4/19/2023	\$3,540.60	EMPLOYER PERS ELECTRONIC FUNDS TRANSFER
4/19/2023	\$1,980.25	EMPLOYEE PERS PEPRA TRANSFER
4/19/2023	\$2,191.49	EMPLOYER PERS PEPRA MEMBER TRANSFER
4/19/2023	\$1,685.90	CAL PERS 457 - ING BANK
4/19/2023	<u>\$36,316.45</u>	TOTAL TRANSFERS

\$172,481.54 GRAND TOTAL PAYROLL

PAYROLL	PAYROLL
4/5/2023	4/19/2023
\$50,166.27	\$48,438.91
\$37,559.91	\$36,316.45
<u>\$87,726.18</u>	<u>\$84,755.36</u>

*Note: Payroll is processed by ADP (Automatic Data Processing)



MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: GENERAL MANAGER'S REPORT
DATE MAY 25, 2023

Background

Monthly report from the General Manager on District activities

Recommendation

Receive and File.

Attachment(s): General Manager's Report

EAST ORANGE COUNTY WATER DISTRICT GENERAL MANAGER'S REPORT

MAY 2023

The following report is a summary of the District's activities over the past month.

SEWER

1) ID1 Update

Activities & Accomplishments for April include:

Activities

- Completed Group 4 cleaning (see attached report).
- Reviewed applications for sewer permits.
- Completed monthly siphon cleaning.
- Completed monthly hot spot cleaning.
- Completed CCTV inspections.
- Completed Dig Alert tickets.
- Ordered misc. sewer supplies and tools.
- Provided training to water staff on use of combo trucks (on going).
- Attended Waste Water Agencies Workshop for Newport Bay Pollution Prevention (Ops. Mgr. and Collections Supervisor).

Sewer Spills – None to report for April.

Permits:

Update: Four (4) sewer permits were issued in April; one (1) commercial unit in Tustin, two (2) ADUs in the unincorporated area, and one (1) SFR septic to sewer conversion in Tustin.

2) ID1 Capacity, Reliability, and Augmentation Project #1

Update: The railroad and flood control channel crossing at Fallen Leaf is scheduled to start on May 30. The final segment north of the 5 Fwy is scheduled for July. This will allow for installation when school is not in session and eliminate disruption to UTT Middle School traffic.

3) Rockhurst Ave. to Greenbrier Rd. Sewer Pipe Liner Removal Project

In September 2022, Staff discovered an issue with one segment of 6" sewer pipe traversing through an easement from Rockhurst Ave. to Greenbrier Rd. Initially it appeared that the liner which had been installed roughly 20 years ago was defective. Upon closer evaluation, it was determined that the liner was failing due to root intrusion. Staff determined that the most likely path to successfully addressing the issue was to remove the liner. Removal involved re-heating the liner using steam to soften it and then pulling the liner out through a manhole using a winch. Ayala Engineering was hired to perform this work and was able to remove 200 feet of the liner with 75 feet left inside the pipe. Another contractor is being used to remove the remaining liner and roots using a remotely operated robot equipped with a cutting tool.

Update: The contractor completed removal of the liner.

WHOLESALE ZONE

1) WZ Water Demands

See attachment.

2) Water Quality Update

No Update.

3) OC-43/Walnut Takeout Vault Rehabilitation/Replacement Update

Update: The old vault has been removed and the new vault has been installed. The contractor is installing piping and expects to be complete in June.

4) WZ Connection Permits

Update: Two (2) wholesale permits were issued in April; one (1) in the City of Tustin's service area and (1) in GSWC's service area.

RETAIL ZONE

1) Water Demand – see attachment

2) East Orange DroughtReach™ Program

Update: RZ Demand was 17% lower in April 2023 than April 2022. Water efficiency messaging continues through social media and print media (Foothill Sentry).

3) Well / Booster Station Operations

No Update.

Well Levels – Update: Groundwater levels have risen over the last month as shown on the attached graph.

The pumping water level for the East Well is currently at 210.4 feet BGS (below ground surface). (Note that pumping water levels have been as low as 297 feet BGS back in July 2014).

4) Vista Panorama Reservoir

No Update

5) VanderWerff Well/PFAS Treatment

Update: The contractor has installed the raw and finished water lines and the emergency backup generator. Construction of the Edison primary electrical service and conduits crossing McPherson is underway. Operation is expected in July.

6) System Leaks

On April 23, staff received notification of a leak along Fairhaven Ext. just north of Fowler. The 6" steel mainline ruptured due to corrosion. Staff installed 2 temporary repair clamps and followed up by using a contractor to replace 18 feet of pipe. On May 1st, the pipe ruptured again. Staff replaced another 15 feet of pipe. It should be point out that this section of pipe was scheduled to

be replaced this summer as part of the Zone 2 to Zone 3 Pipeline Project.

7) **Water Availability Request/Connection Permits**

No permits in April.

8) **Monthly WZ & RZ Operations Activities – April**

- Placed Newport Reservoir back in service.
- Removed, replaced, and painted all piping inside the Newport Reservoir vault.
- Completed Potholing work for Zone 2 to Zone 3 Pipeline Project.
- Attended meetings for Barrett Booster Station, ID1, SCADA, Admin Building, Vista Panorama reservoir, Newport reservoir projects and Water Standards Update, Zone 2 to Zone 3 project.
- Ordered misc. tools, parts, and materials for water and sewer departments.
- Completed Dig Alerts.
- Monitored daily operations of reservoir chlorination system at Andres reservoir (Ops. Manager).
- Attended Groundwater Producer Meetings (Eng. Manager).
- Submitted monthly, quarterly, and annual reports to SWRCB.
- Reviewed weekly water quality data.
- Ordered water quality supplies.
- Attend weekly maintenance and operations meeting with GM (Engineering and Ops Managers).

JOINT SYSTEM ACTIVITIES

A. **District Headquarters Building Replacement**

Update: Snyder Langston completed the Design Review Committee documents and the draft Construction Documents. The documents are under review and Snyder Langston expects to apply for the building permit in June. Completion is expected Spring 2024.

B. **Pandemic Response (COVID-19) Plan**

No Update.

C. **Public Safety Power Shutoff (PSPS)**

No Update.

D. **SEDARU**

Please see the attached SEDARU water work and sewer work reports which provide information on work staff is performing and the types of customer interactions that staff are having.

E. **GIS Newsletter**

Please see the attached GIS Monthly Newsletter that describes our GIS, how we are using it, and highlights some of the improvements that have been made.

F. **America's Water Infrastructure Act (AWIA) Cybersecurity Improvements**

Update: West Yost has completed the Policies and Procedures and they will be presented in June for Adoption.

G. Safety

Update: Staff completed general electrical hazard awareness training during March.

H. Engineering & Operations Committee

The May meeting was cancelled.

I. Administrative & Finance Committee

The May meeting was cancelled.



Monthly Water Asset Report

April 2023

Customer Work

Broken Meter Box	0	Conservation	0
Hi/Lo Pressure	0	Customer Leak	1
Meter Changeout	2	Door Tag	5
Meter Connect	1	High Water Bill	1
Meter Disconnect	2	Misc Customer Task	3
Meter Edit	10	Water Qual. Compl.	0
Meter Read	1	Grand Total	10
Meter Re-read	25		
Grand Total	41		

Facilities Work

Andres Reservoir	4
Barret Reservoir	1
Facility Edit	0
Maintenance	0
Newport Reservoir	3
Peters Canyon	3
Vista Panorama	4
Grand Total	15

Sample Work

In-House WQ Data	52
------------------	----

DigTicket Work

Water	28
-------	----

Pump Work

Pump and Motor	0
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Water Distribution Line Work

Main Leak Report	0	Service Lateral Leak	2
Pipe Edit	0		
Grand Total	0		

Valve Work

Valve Edit	0
Valve Exercise	0
Grand Total	0

Hydrant Work

Hydrant Edit	0	Gallons Used	
Hydrant Flushing	0		0
Hydrant Maintenance	0		
Hydrant Meter Install	0		
Hydrant Meter Read	0		
Hydrant Meter Removal	0		
Grand Total	0		

Production Meter Work

Production Meter	0
Production Meter	0
Grand Total	0

Air Vac Work

Air Vac Maintenance	
---------------------	--

Pressure Reducing Station Work

Pressure Reducing Station Maintenance	0
---------------------------------------	---

Lateral Work

Lateral Edit	66
Lateral Inspection	12
Grand Total	78



Monthly Sewer Asset Report

April 2023

Sewer Gravity Main Work

CCTV Inspection	70	Pipes CCTVd	80
Line Cleaning Segments	300	Feet of Main CCTVd	18,918
Managers Form	1		
Pipe Edit	11		
Root Foaming	0		
Grand Total	382		
	Feet of Main Root Foamed		Feet of Main Cleaned
Feet of Main Root Foamed	0	Feet of Main Cleaned	71,143

Easement Work

Easement Inspection	
---------------------	--

DigTicket Work

811 Locate	158
------------	-----

Manhole Work

Manhole Edit	320
Manhole Inspection	140
Manhole Rehab	0
Grand Total	460

Customer Work

Const. Inspection	4
Customer Investigation	1
Parcel Edit	1
Parcel Permit Info Edit	1
Pre construction	5
Grand Total	12

FOG Work

BMP GRE Inspection	11
BMP GRE Violation Follow-up	10
BMP Inspection	22
BMP Violation Follow-up	9
FOG Form	0
FOG Permitting	3
FSE Edit	13
GRE Inspection	1
GRE Violation Follow-up	5
Initial Inspection	19
Private Sewer Investigation	0
Grand Total	93

Water Hydrants

Hydrant Meter Read	8
Water Used in CCF	34.50
Water Used in Gallons	25,875



SSO Report

Spill Date and Time	Quantity



USERS ABOUND!

Everyone at EOCWD has a Sedaru user for both water and sewer. Log in to either water (ecowd) or sewer (eocwdww) and kick the map around. Better yet, add your image to your user account!

Ramon G.

Figure 1. Happy Sedaru user.

We have plenty of online training resources available so if there is anything you want to learn how to do, or more about, just stop by and I'll point you in the right direction.

UPDATING OUR PRESSURE REDUCING STATION INFORMATION

We strive to keep our data up-to-date and accurate. To achieve this, all Sedaru users are able to correct or update information about our assets. We recently created the Pressure

Reducing Station Edit form in Fieldforce. In this form, users can update or correct information such as

- the station's purpose
- installation date
- date of last service
- location description
- plan reference

A pressure reducing station reduces high pressure water to a lower pressure that is suitable for the distribution system. This can help prevent system leaks and breaks and protects our customers.

Stations typically include isolating valves to perform maintenance, pressure gauges to monitor incoming

and outgoing pressures, a strainer to prevent debris from entering the valve, and a pressure reducing valve (PRV).

A PRV is a hydraulically operated, diaphragm-actuated control valve that reduces higher upstream pressure to lower constant downstream pressure—regardless of the fluctuating demand or the varying upstream force. PRVs are designed to reduce incoming water pressure to a safer constant predetermined downstream level.

We have 37 pressure reducing stations in our system and will be installing 3 more to better manage water pressure for our customers.



Figure 2. Retired pressure valve.

OUR TEAM GETS IT DONE WHEN OTHERS CAN'T

Quite often, as I am reviewing inspection notes, OCS staff or contractors have identified manholes as "Unable to Access" or "Unable to Locate" or simply "Car" (meaning, I believe, a car was parked over the manhole), and the work task was abandoned with no further attempts. All told, there are about 360 abandoned work task attempts due to accessibility problems. Without fail, these manholes are successfully accessed, multiple times, by our team!



Figure 3. One of our most often, can-not-locate manholes is in there somewhere.

All told, we have 329 manholes that are not located in the right of way, (streets) and must be accessed through an easement (legal access to private property).

DID YOU KNOW?

In both OMNI and Fieldforce, SmartCover manholes have a link to their monitoring data. Manholes with a smart cover are identified on the map with a blue information symbol. As in Figure 4, the information panel for each manhole will have a hyperlink to its chart.

The chart will display flow data, as in Figure 5. In this chart, the event that rose the flow to higher than the red line (alarm) was opening the lid to clean the adjacent pipes. Great care must be taken when opening lids with SmartCovers to not damage the system. Manholes with SmartCover devices are identified with a green reflector, as seen in Figure 4.

SmartCover is a technology that features subsonic (slower than the speed of sound) sensors that constantly monitor

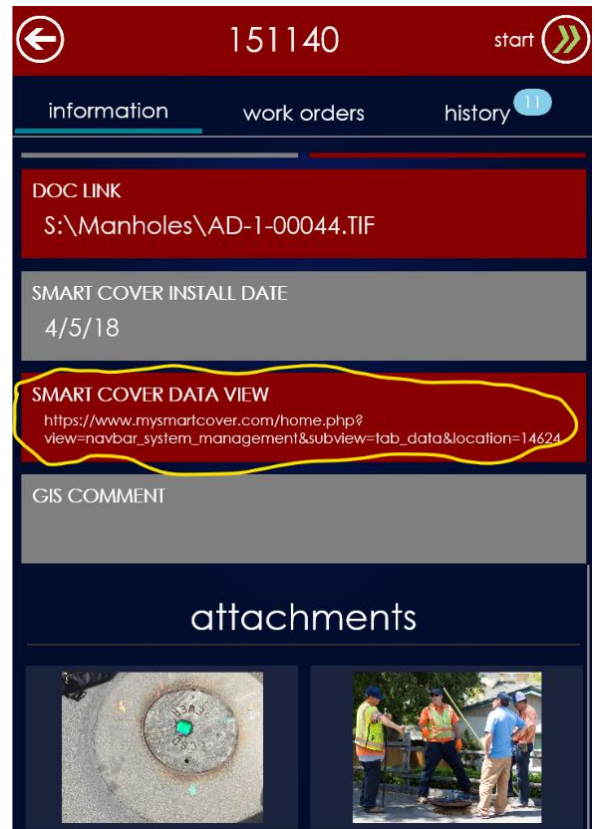


Figure 4. Manhole information panel.

sewer flow level, or depth of flow, in a manhole. Data is transmitted to a web-based database that alerts EOCWD staff, by text and email, when levels in the manholes rise quickly or higher than a set elevation. Among other things, this helps us avoid costly and dangerous sewer overflows. Currently we have 12 monitoring our system and plan to install a few more.

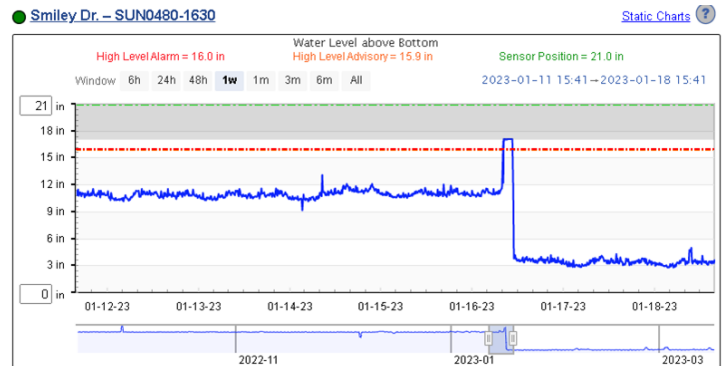


Figure 5. SmartCover chart.



MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: MONTHLY FINANCIALS & TREASURER'S REPORT
DATE MAY 25, 2023

Background

Monthly Financial Summary for Wholesale Zone, Retail Zone, and ID1 (wastewater).

Recommendation

Informational.

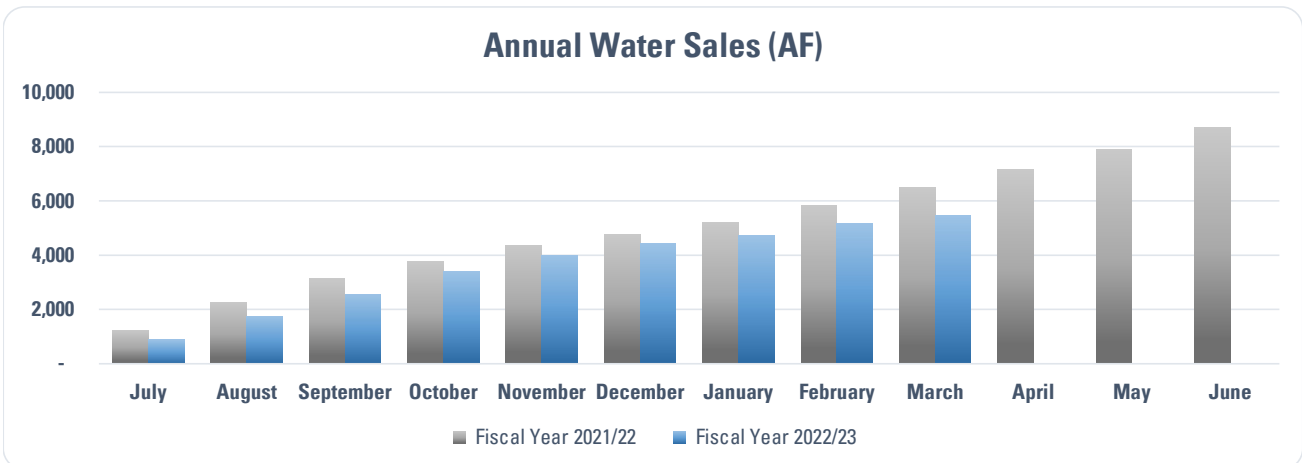
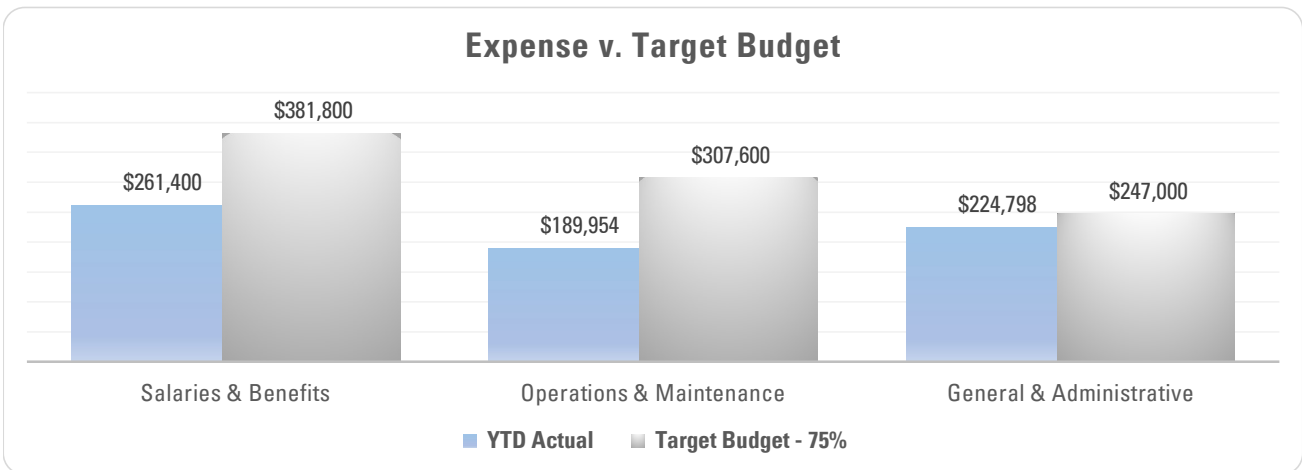
Attachment(s): WZ, RZ, and ID1 Financial Summary for March 2023
Treasurer's Report for March 2023



Budget to Actual Summary Wholesale (Unaudited)

For the Period Ending March 31, 2023

	A	B	C	D = B/C
	MAR 2023 ACTUAL	YTD ACTUAL	2022/23 ANNUAL BUDGET	YTD BUDGET 75%
1 REVENUES				
2 Operating Revenues	\$ 456,313	\$ 7,187,457	\$ 9,545,700	75%
3 Non-Operating Revenue / (Expense)	134,152	905,717	1,212,300	75%
4 TOTAL REVENUES	590,464	8,093,175	10,758,000	75%
5 EXPENSES				
6 Source of Supply	410,721	6,742,429	9,011,200	75%
7 Salaries & Benefits	31,103	261,400	509,100	51%
8 Operations & Maintenance	62,511	189,954	410,100	46%
9 General & Administrative	20,948	224,798	329,300	68%
10 TOTAL EXPENSES	525,284	7,418,580	10,259,700	72%
11 NET INCOME / (LOSS) BEFORE CAPITAL & 115 CONTRIBUTIONS	65,180	674,594	498,300	135%
12 Capital Expenses (Reserve-Funded)	(123,466)	(1,025,375)	(3,562,300)	29%
13 Section 115 Pension Trust Contributions	-	-	(50,000)	0%
14 NET INCREASE / (DECREASE) TO RESERVES	\$ (58,286)	\$ (350,780)	\$ (3,114,000)	11%

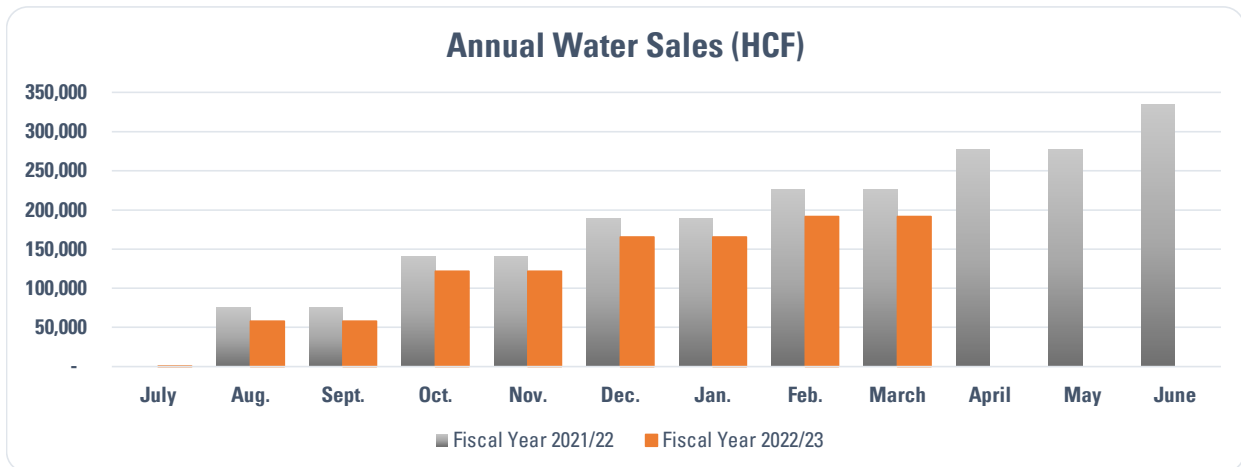
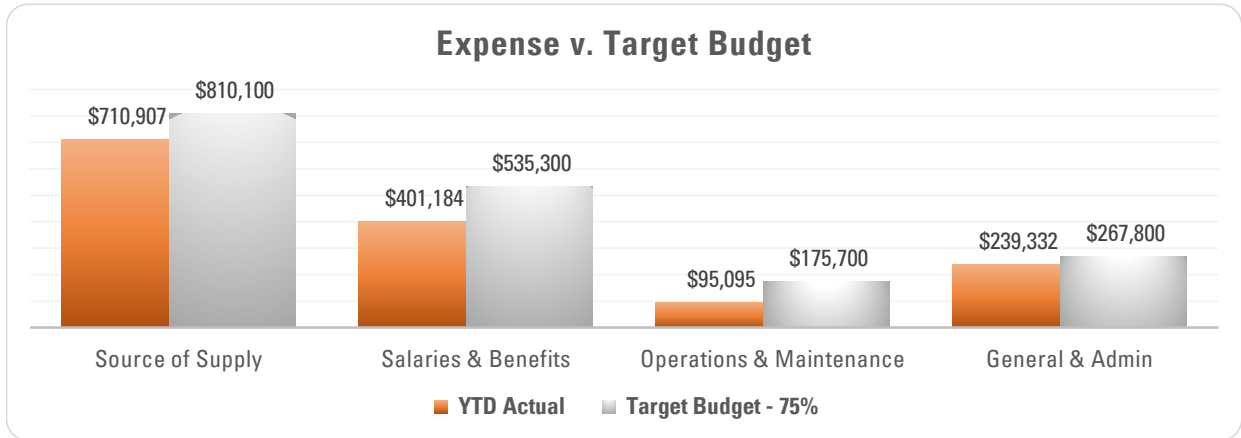


No assurance provided on these financial statements. The financial statements do not include a statement of cash flows. Substantially all disclosures required by accounting principles generally accepted in the U.S. not included.



Budget to Actual Summary Retail (Unaudited) For the Period Ending March 31 2023

	A	B	C	D = B/C
	MAR 2023 ACTUAL	YTD ACTUAL	2022/23 ANNUAL BUDGET	YTD BUDGET 75%
1 REVENUES				
2 Operating Revenues	\$ 2,131	\$ 1,736,024	\$ 2,725,900	64%
3 Non-Operating Revenue / (Expense)	52,378	390,437	520,200	75%
4 TOTAL REVENUES	54,509	2,126,461	3,246,100	66%
5 EXPENSES				
6 Source of Supply	53,808	710,907	1,080,100	66%
7 Salaries & Benefits	46,298	401,184	713,700	56%
8 Operations & Maintenance	18,629	95,095	234,300	41%
9 General & Administrative	22,992	239,332	357,100	67%
10 TOTAL EXPENSES	141,728	1,446,518	2,385,200	61%
11 NET INCOME / (LOSS) BEFORE DEBT, CAPITAL, & OTHER	(87,219)	679,944	860,900	79%
12 Debt Service	-	(43,498)	(259,000)	17%
13 Capital Expenses (Reserve-Funded)	(73,201)	(720,114)	(5,664,200)	13%
14 Section 115 Pension Trust Contributions	-	-	(50,000)	0%
15 Prior Year Revenue	-	215,187	-	N/A
16 NET INCREASE / (DECREASE) TO RESERVES	\$ (160,420)	\$ 131,519	\$ (5,112,300)	N/A

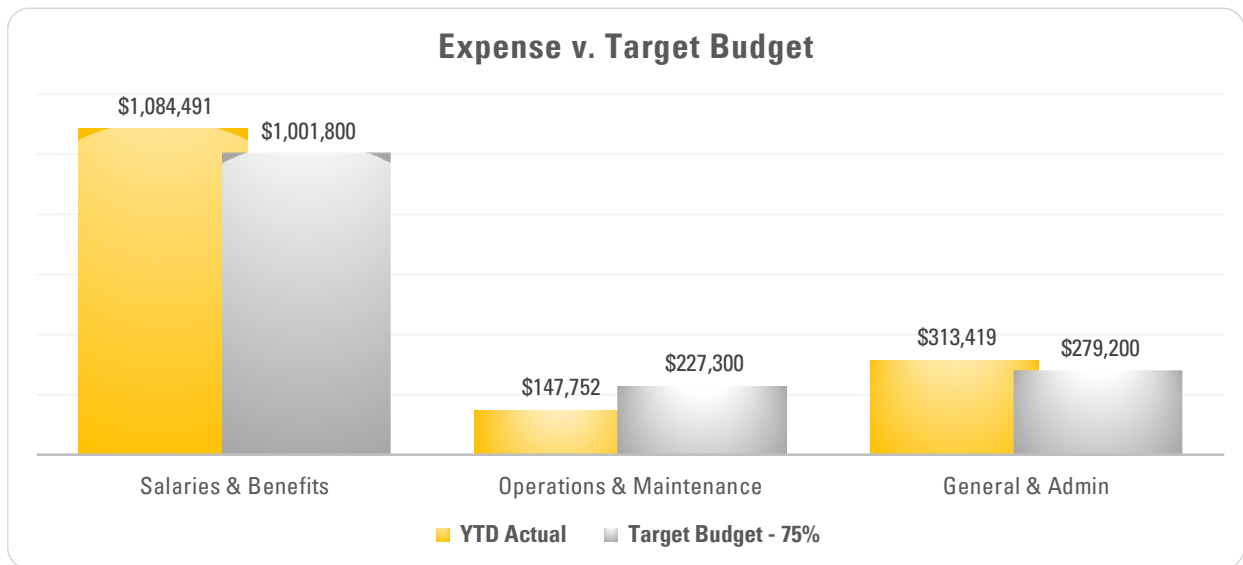


No assurance provided on these financial statements. The financial statements do not include a statement of cash flows. Substantially all disclosures required by accounting principles generally accepted in the U.S. not included.



Budget to Actual Summary Sewer (Unaudited) For the Period Ending March 31, 2023

	A		B		C		D = B/C
	MAR 2023 ACTUAL		YTD ACTUAL		2022/23 ANNUAL BUDGET		YTD BUDGET 75%
1 REVENUES							
2 Operating Revenues	\$ 187,807	\$	2,014,558	\$	3,229,500		62%
3 Non-Operating Revenue / (Expense)	717,959		673,648		690,900		98%
4 TOTAL REVENUES	905,766		2,688,206		3,920,400		69%
5 EXPENSES							
6 Salaries & Benefits	122,506		1,084,491		1,335,700		81%
7 Operations & Maintenance	13,400		147,752		303,100		49%
8 General & Administrative	51,578		313,419		372,300		84%
9 TOTAL EXPENSES	187,484		1,545,662		2,011,100		77%
10 NET INCOME / (LOSS) BEFORE DEBT, CAPITAL, & OTHER	718,282		1,142,544		1,909,300		60%
11 Debt Service	-		(173,990)		(1,036,000)		17%
12 Capital Expenses (Reserve-Funded)	(16,424)		(400,549)		(3,627,600)		11%
13 Section 115 Pension Trust Contribution	-		-		(50,000)		0%
14 NET INCREASE / (DECREASE) TO RESERVES	\$ 701,858	\$	568,005	\$	(2,804,300)		N/A



No assurance provided on these financial statements. The financial statements do not include a statement of cash flows. Substantially all disclosures required by accounting principles generally accepted in the U.S. not included.



Cash & Investments

(Unaudited)
March 31, 2023

	Type	Cost	Market	% Total
District Cash & Investments				
Unrestricted				
Local Agency Investment Fund (LAIF) *	Investment	\$ 9,420,365	\$ 9,293,287	13.7%
U.S. Bank - Sewer	Investment	2,423,014	2,310,645	3.4%
Raymond James Brokerage	Investment	7,269,428	7,136,240	10.5%
CA CLASS Prime	Investment	5,012,477	5,012,477	7.4%
Citizens Business Bank	Checking	2,790,530	2,790,530	4.1%
Citizens Business Bank	Money Market	41,990	41,990	0.1%
Total Unrestricted		26,957,803	26,585,168	39.1%
Restricted				
U.S. Bank - Sewer Acquisition Funds	Investment	35,735,645	34,078,378	50.2%
U.S. Bank - Sewer Capacity Fees	Investment	1,195,577	1,140,131	1.7%
U.S. Bank - Debt Proceeds	Investment	5,981,645	5,981,645	8.8%
PARS Post-Employment Benefits	Trust	150,000	136,854	0.2%
Total Restricted		43,062,866	41,337,007	60.9%
Total District Cash & Investments		\$ 70,020,669	\$ 67,922,176	100.0%

* The LAIF Market Value factor is updated quarterly in September, December, March, and June.

Treasurer Certification

I certify that (1) all investment actions executed since the last report have been made in full compliance with the District's Investment Policy and, (2) the District will meet its expenditure obligations for the next six months as required by California.

Cindy Byerrum

Cindy Byerrum, Treasurer



MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: WHOLESALE AND RETAIL WATER USAGE REPORT
DATE MAY 25, 2023

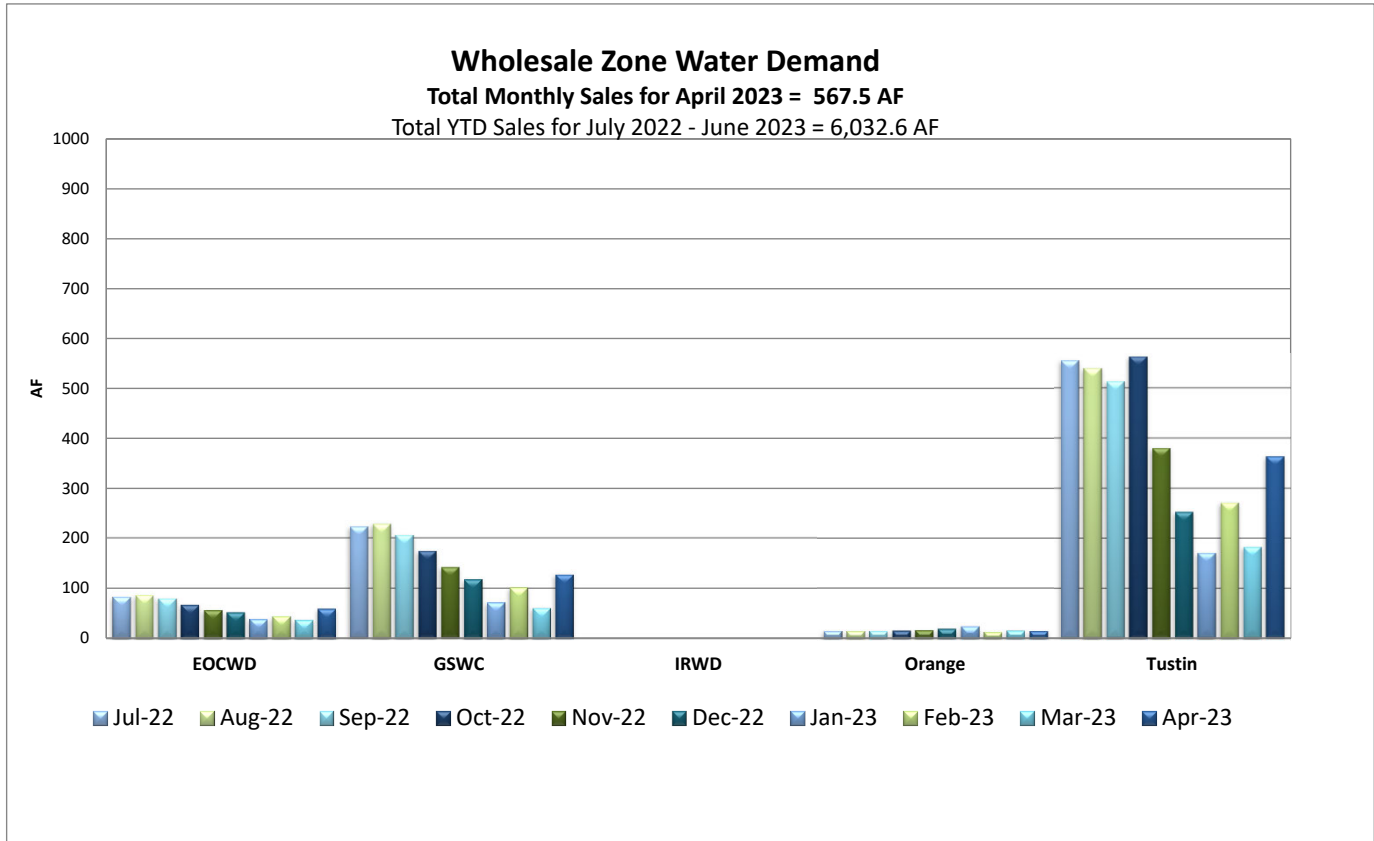
Background

Monthly report on wholesale and retail water usage for the month of April 2023.

Recommendation

Informational.

Attachment(s): Wholesale and Retail Usage Reports



EOCWD IMPORTED WATER DELIVERY BALANCE - FY22/23
(Acre-feet)

	OC-43	OC-48				OC-70						TOTAL DELIVERIES BY AGENCY				
	MWD Tustin	Retail Zone	Golden State	Tustin	MWD Total	IRWD Jamboree	Orange	Retail Zone	Golden State	Tustin	MWD Total	IRWD OPA	Orange	Retail Zone	Golden State	Tustin
JUL	320.9	0.0	19.0	221.8	240.8	0.0	15.1	84.0	204.3	12.6	316.0	0.0	15.1	84.0	223.3	555.3
AUG	287.0	0.0	17.8	218.0	235.8	0.0	14.7	87.4	210.9	34.5	347.5	0.0	14.7	87.4	228.7	539.5
SEP	311.8	0.0	16.8	179.8	196.6	0.0	15.4	80.8	189.5	22.2	307.9	0.0	15.4	80.8	206.3	513.8
OCT	340.8	0.0	52.7	208.1	260.8	0.0	16.0	68.0	122.3	14.0	220.3	0.0	16.0	68.0	175.0	562.9
NOV	231.0	0.0	39.8	142.9	182.7	0.0	16.8	57.4	102.7	6.7	183.6	0.0	16.8	57.4	142.5	380.6
DEC	126.9	0.0	10.1	123.8	133.9	0.0	19.4	52.8	108.4	2.4	183.0	0.0	19.4	52.8	118.5	253.1
JAN	86.8	0.0	6.3	81.0	87.3	0.0	24.5	39.4	66.6	3.4	133.9	0.0	24.5	39.4	72.9	171.2
FEB	144.8	0.0	9.0	122.3	131.3	0.0	13.0	44.8	93.1	4.5	155.4	0.0	13.0	44.8	102.1	271.6
MAR	11.3	0.0	5.4	168.0	173.4	0.0	15.9	37.6	56.2	3.9	113.6	0.0	15.9	37.6	61.6	183.2
APR	0.1	0.0	11.6	352.1	363.7	0.0	15.5	59.9	116.6	11.7	203.7	0.0	15.5	59.9	128.2	363.9
MAY												0.0	0.0	0.0	0.0	0.0
JUN												0.0	0.0	0.0	0.0	0.0
Total	1861.4	0.0	188.5	1817.8	2006.3	0.0	166.3	612.1	1270.6	115.9	2164.9	0.0	166.3	612.1	1459.1	3795.1

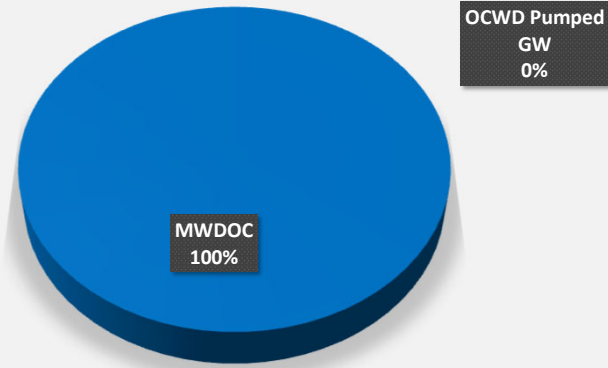
East Orange County Retail Zone Water Usage Report

East Orange County Retail Zone Overview of Usage FY 2022-23 Monthly Water Use

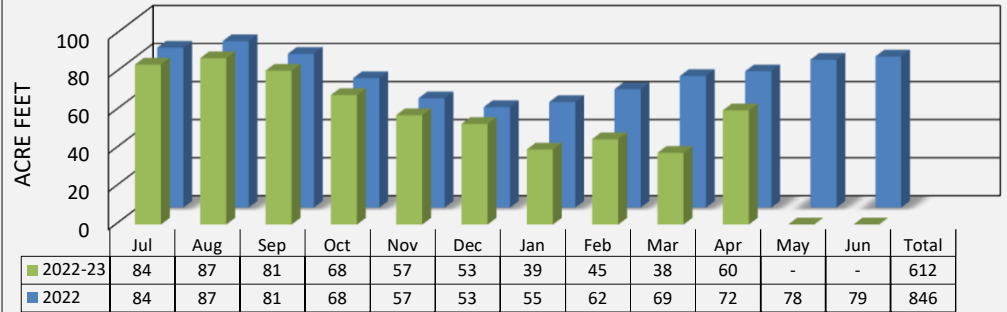
Type of Supply	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWDOC	84	87	81	68	57	53	39	45	38	60	-	-	612
OCWD Pumped GW	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	84	87	81	68	57	53	39	45	38	60	-	-	612

2022 MWDOC Usage	84	87	81	68	57	53	55	62	69	72	78	79	846
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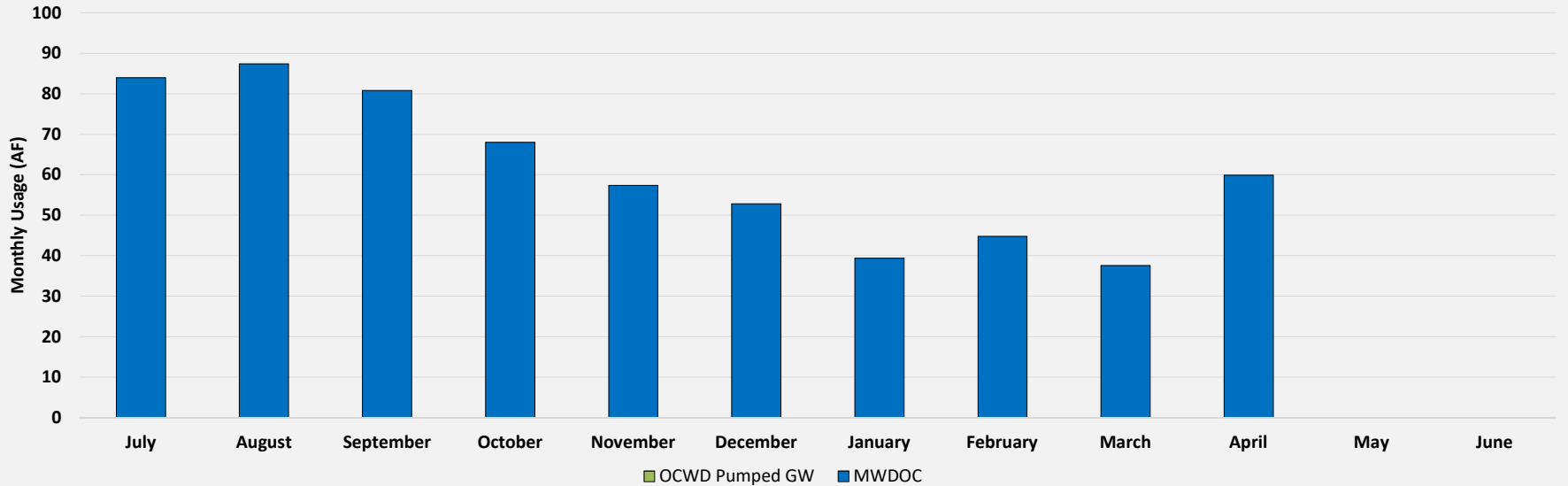
2022-23 Sources of Water



MWDOC Calendar Year and Fiscal Year Purchases



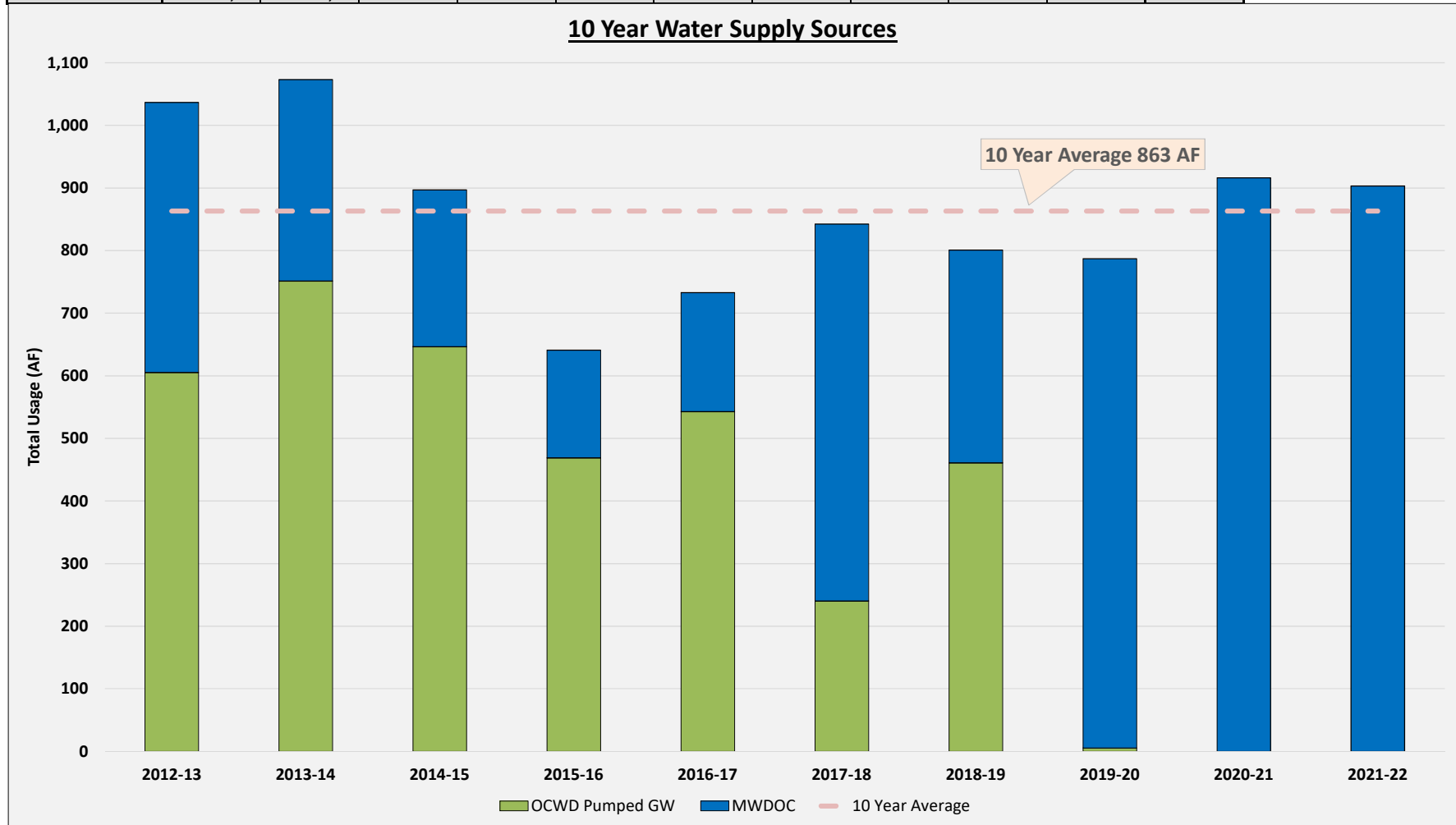
2022-23 Monthly Water Supply Sources



East Orange County Retail Zone Water Usage Report

Annual Water Usage

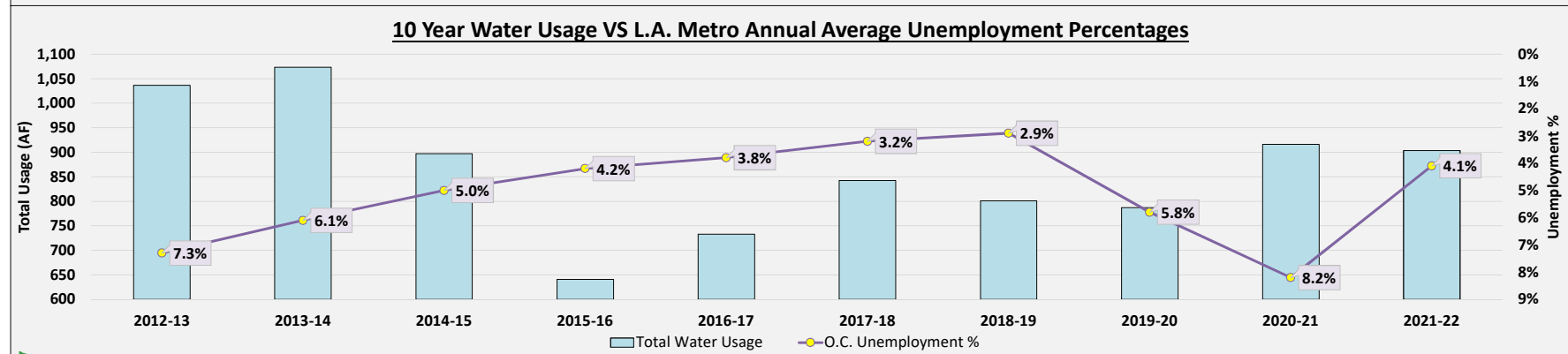
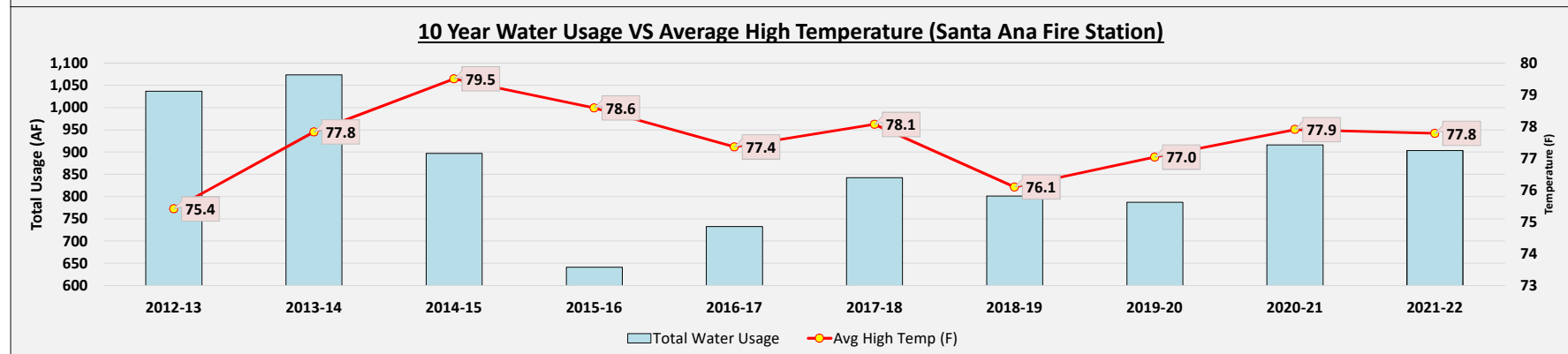
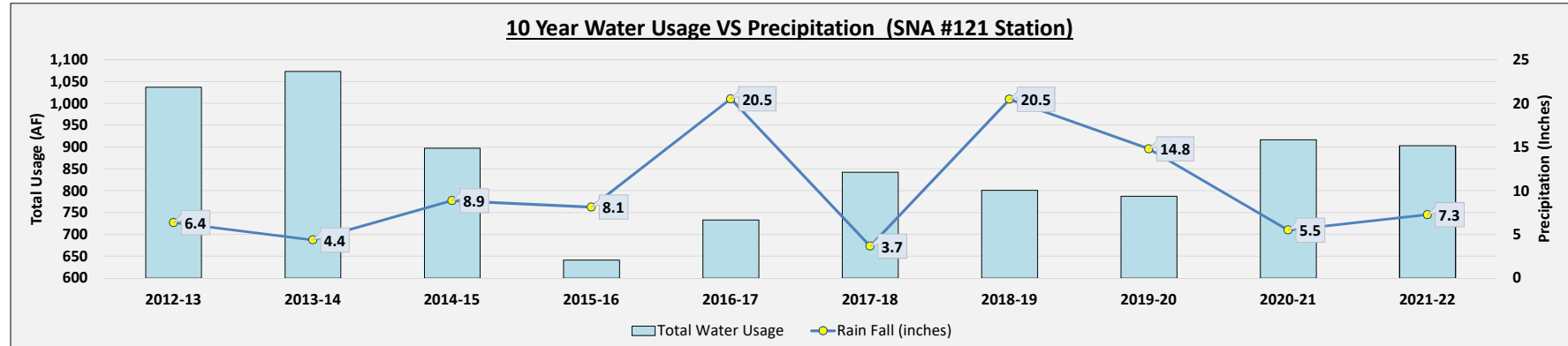
Type of Supply	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Average
MWDOC	431.3	322.0	250.7	172.1	190.2	602.1	340.0	781.8	916.4	903.3	491.0
OCWD Pumped GW	605.2	751.3	646.3	468.9	542.7	240.2	461.0	5.2	0.0	0.0	372.1
Total	1,037	1,073	897	641	733	842	801	787	916	903	863



East Orange County Retail Zone Water Usage Report

Water Usage Variables

Type of Supply	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Average
Rain Fall (inches)	6.4	4.4	8.9	8.1	20.5	3.7	20.5	14.8	5.5	7.3	10.0
Avg High Temp (F)	75.4	77.8	79.5	78.6	77.4	78.1	76.1	77.0	77.9	77.8	77.6
O.C. Unemployment %	7.3%	6.1%	5.0%	4.2%	3.8%	3.2%	2.9%	5.8%	8.2%	4.1%	5.1%
Total Water Usage	1,037	1,073	897	641	733	842	801	787	916	903	863



East Orange County Retail Zone Water Usage Report

East Orange County Retail Zone Detailed Usage Historical Monthly Potable Usage (Fiscal Year, July-June)

Fiscal Year	July	August	September	October	November	December	January	February	March	April	May	June	Total
2016-17 Usage	82	87	70	68	58	44	37	32	43	70	70	79	738
2017-18 Usage	87	98	77	81	60	70	53	49	45	67	71	84	842
2018-19 Usage	107	99	85	73	62	40	47	29	43	61	59	77	781
2019-20 Usage	82	87	86	83	68	46	47	56	38	52	67	76	787
2020-21 Usage	90	99	93	90	74	68	62	54	43	64	84	95	916
2021-22 Usage	100	102	89	76	73	48	55	62	69	72	78	79	903
Average of Last 6 FYs	91	95	83	79	66	53	50	47	47	64	72	82	828
Monthly Usage Percentage	11%	12%	10%	9%	8%	6%	6%	6%	6%	8%	9%	10%	100%

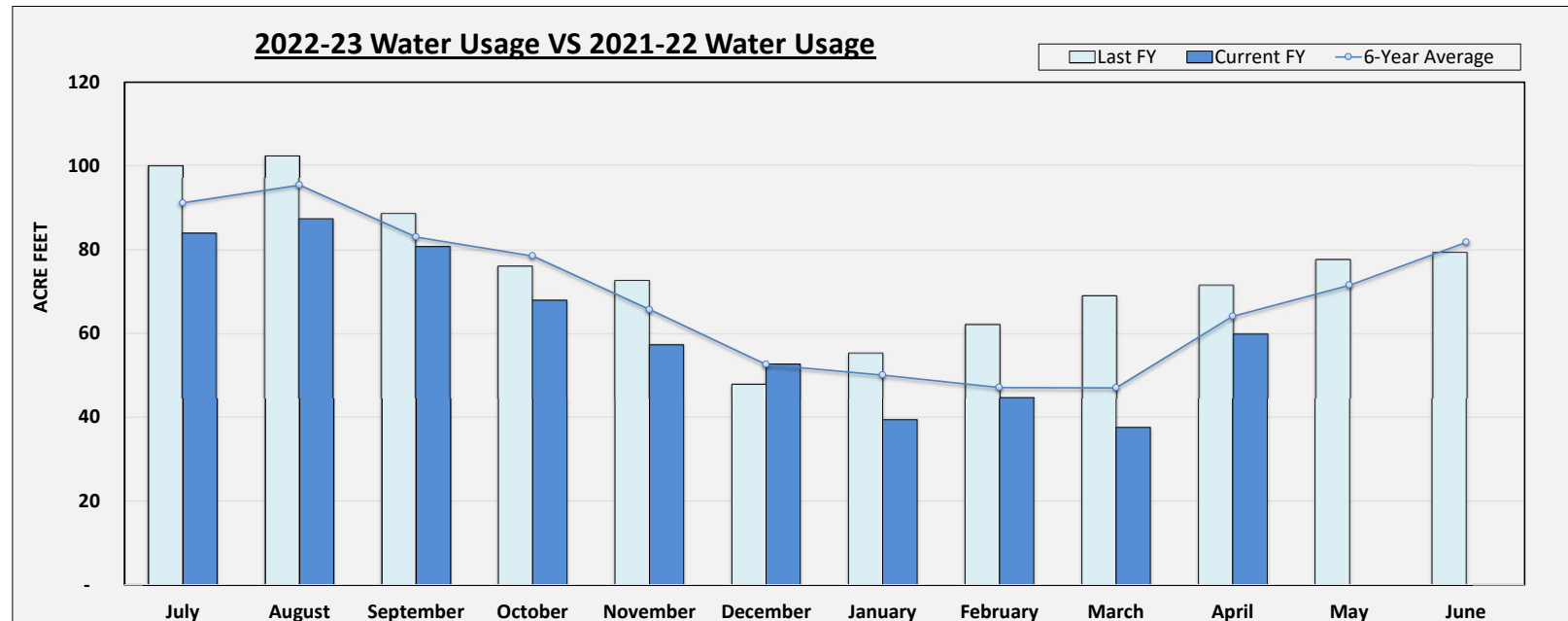
Water Usage By Source

Imported	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWD via EO Wholesale	84.0	87.4	80.8	68.0	57.4	52.8	39.4	44.8	37.6	59.9			612.1
Water from IRWD during OC-70 shutdown	-	-	-	-	-	-	-	-	-	-			-
CPTP	-	-	-	-	-	-	-	-	-	-			-
MWD In-Lieu*	-	-	-	-	-	-	-	-	-	-			-
Imported Total	84	87	81	68	57	53	39	45	38	60	-	-	612.1

*In-lieu totals are subtracted from imported totals

Local	July	August	September	October	November	December	January	February	March	April	May	June	Total
OCWD Pumped GW	-	-	-	-	-	-	-	-	-	-			-
Less Fill up Reservoir	-	-	-	-	-	-	-	-	-	-			-
Less CPTP	-	-	-	-	-	-	-	-	-	-			-
Local Total (minus reservoir)	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Usage 2022-23	July	August	September	October	November	December	January	February	March	April	May	June	Total
FY 21-22 versus FY 22-23	-16%	-15%	-9%	-11%	-21%	+10%	-29%	-28%	-46%	-16%			612

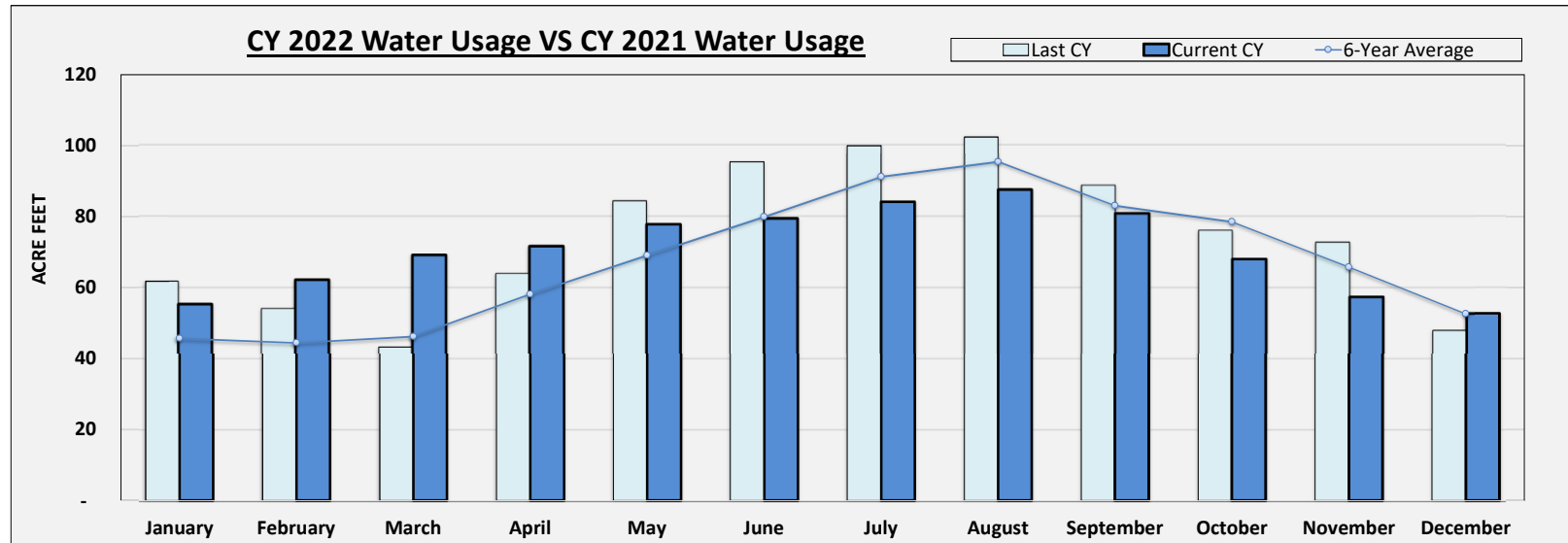


East Orange County Retail Zone Water Usage Report

Historical Monthly Potable Usage (Calendar Year)

Calendar Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2016	29	46	64	35	63	69	82	87	70	68	58	44	714
2017	37	32	43	70	70	79	87	98	77	81	60	70	803
2018	53	49	45	67	71	84	107	99	85	73	62	40	835
2019	47	29	43	61	59	77	82	87	86	83	68	46	767
2020	47	56	38	52	67	76	90	99	93	90	74	68	849
2021	62	54	43	64	84	95	100	102	89	76	73	48	891
6 year Average	46	44	46	58	69	80	91	95	83	79	66	53	810

Total Water Usage 2022	55	62	69	72	78	79	84	87	81	68	57	53	846
2022 VS 2021 Usage	-10%	+15%	+59%	+12%	-8%	-17%	-16%	-15%	-9%	-11%	-21%	+10%	



	Population	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021 Usage (AF)		62	54	43	64	84	95	100	102	89	76	73	48	891
2021 GPCD	3,222	202	196	142	216	275	321	326	334	299	248	245	157	247
2022 Usage (AF)		55	62	69	72	78	79	84	87	81	68	57	53	846
2022 GPCD	3,230	180	224	225	241	253	267	273	284	272	221	193	172	234
CY over CY change in GPCD		-21	+28	+83	+25	-22	-54	-53	-50	-27	-27	-52	+15	-13

	Population	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
2021-22 Usage (AF)		100	102	89	76	73	48	55	62	69	72	78	79	903
2021-22 GPCD	3,222	326	334	299	248	245	157	181	225	225	241	254	268	250
2022-23 Usage (AF)		84	87	81	68	57	53	39	45	38	60	-	-	612
2022-23 GPCD	3,230	273	284	272	221	193	172	128	161	122	201	-	-	203
FY over FY change in GPCD		-53	-50	-27	-27	-52	+15	-53	-63	-103	-40	-	-	-47

*Cumulative through the end of the last month shown

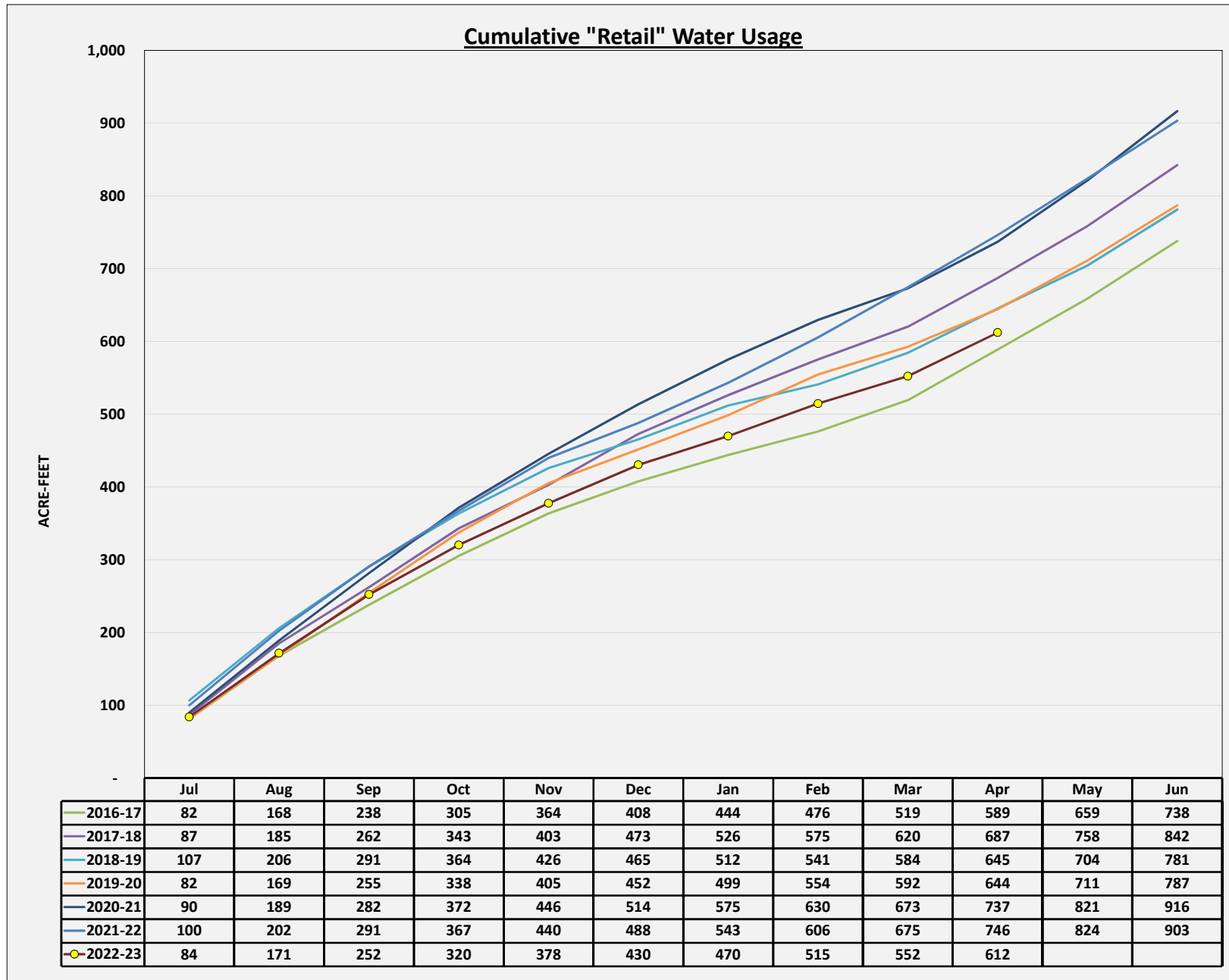
*GPCD = (Total Monthly Production - Fill up Reservoir) / Population/days in the month

*For the months of July 2022 through September 2022, groundwater usage was not delivered to customers and is not counted towards GPCD



East Orange County Retail Zone Water Usage Report

Cumulative Water Usage by Fiscal Year





MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: RETURN TO WATER SHORTAGE CONTINGENCY PLAN LEVEL 0
DATE: MAY 25, 2023

Background

On March 17, 2022 the Board approved Resolution No. 919 declaring Water Conservation Level 2 to be in effect and authorized its implementation. The Water Conservation Level 2 declaration was in response to ongoing drought and a Proclamation by Governor Newsome of a State of Emergency on October 19, 2021 to expand the pre-existing drought declaration to cover Orange County and seven other remaining counties in the state that were not previously in a declared drought.

An unusually wet winter has resulted in an abundant snowpack, replenished reservoirs, and ended the drought for most of California. On March 24, 2023, Governor Newsom issued Executive Order N-5-23 to end the requirement that all local water agencies implement all demand reduction actions for a shortage level of ten to twenty percent (Level 2 Shortage Response), as identified in their Water Shortage Contingency Plans (WSCP).

Staff recommends that the Board rescind Resolution No. 919 declaring Water Conservation Level 2 and adopt Resolution 940 declaring Water Conservation Level 0.

Recommendation

That the Board, rescind Resolution No. 919 declaring Water Conservation Level 2 and adopt Resolution 940 declaring Water Conservation Level 0.

Attachment(s): Resolution No. 940

RESOLUTION NO. 940

RESOLUTION OF THE EAST ORANGE COUNTY WATER DISTRICT BOARD OF DIRECTORS RESCINDING ITS PRIOR DROUGHT EMERGENCY DECLARATION AND IMPLEMENTING ITS LEVEL 0 (NORMAL) WATER SHORTAGE CONTINGENCY CONDITION

WHEREAS, the Board of Directors (“Board”) of the East Orange County Water District (“EOCWD” or “District”), following a noticed public hearing held on June 17, 2021, adopted Resolution No. 911, approving and adopting the District’s 2020 Urban Water Management Plan (“2020 UWMP”), 2020 Water Shortage Contingency Plan (“2020 WSCP”), and an Addendum to the District’s 2015 Urban Water Management Plan (“2015 UWMP”); and

WHEREAS, on August 19, 2021, the Board duly adopted Ordinance No. 2021-01 (“Ordinance 2021-01”), entitled “Retail Zone Water Shortage Contingency Response Ordinance,” implementing an implementation and enforcement procedure for the 2020 WSCP relative to the District’s Retail Zone (“RZ”); and

WHEREAS, Ordinance No. 2021-01 and 2020 WSCP are hereby incorporated herein by this reference; and

WHEREAS, based on a notice issued by the Department of Water Resources and a proclamation of water shortage by California Governor Gavin Newsom in 2021, the Board on March 17, 2022, adopted Resolution No. 919, declaring a Level 2 (11% to 20%) water shortage contingency level under the 2020 WSCP; and

On March 23, 2023, Governor Newsom issued Executive Order N-5-23, easing the previously declared drought restrictions, including an end to the requirement that local water agencies implement Level 2 of the drought contingent plans; and

On April 20, 2023, the State of California announced a 100% water allocation for the State Water Project, indicating that all allocations from the project will be met in Southern California; and

WHEREAS, EOCWD has monitored the situation in both Orange County and the State of California as to potential impacts on local conditions affecting the availability of drinking water, and determined that the water supply available for distribution within the RZ has been replenished based on existing State declarations; and

WHEREAS, on April 25, 2023, the U.S. Drought Monitor listed the majority of California, including Orange County, as in a no-drought condition; and

WHEREAS, the District has proposed reducing its water shortage declaration from Level 2 to a Level 0 (Normal) Water Shortage Contingency Condition as set forth in Ordinance No. 2021-01 and the 2020 WSCP; and

WHEREAS, the 2020 UWMP, 2020 WSCP, and Addendum to the 2015 UWMP, along with Ordinance No. 2021-01, are available for public inspection at the District Office located at 185 North McPherson Road in Orange, CA 92869, as well as on the District's website at www.eocwd.com.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT DOES HEREBY RESOLVE, DETERMINE AND ORDER AS FOLLOWS:

Section 1. The above recitals are true and correct, and are incorporated herein as findings of the Board by this reference.

Section 2. The Board hereby finds and determines that based on the circumstances set forth in this Resolution, the ordinary water demand and requirements of its RZ customers can be satisfied without unduly depleting EOCWD's water supply, and that the water supply available to EOCWD and its customers has been replenished from the former March 2022 conditions.

Section 3. Based on such findings, the Board hereby declares and activates the reduced Level 0 Water Shortage Contingency Condition of its 2020 WSCP, consistent with existing State directives and declarations.

Section 4. The Board authorizes the General Manager, or his designee, to (1) take any action reasonably necessary to implement and enforce this Resolution, Ordinance No. 2021-01, and related provisions of California law; and (2) provide such notice and messaging as may be deemed necessary at his discretion to implement the Board's actions set forth herein.

Section 5. This Resolution shall become effective immediately.

Section 6. This Resolution, and the declaration of a Level 0 Water Shortage Contingency Condition, shall supersede any related prior declarations and findings relative to activated or declared water supply shortage conditions.

APPROVED, ADOPTED, AND SIGNED this 25th day of May, 2023.

Douglass S. Davert, President
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors thereof

Jeffrey A. Hoskinson, Secretary
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors thereof

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

I, JEFFREY A. HOSKINSON, Secretary of the Board of Directors of the EAST ORANGE COUNTY WATER DISTRICT, do hereby certify that the foregoing Resolution No. 940 was duly adopted by the Board of Directors of said District at a Regular Meeting of said District held on May 25, 2023, and that it was so adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Jeffrey A. Hoskinson, Secretary
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors thereof

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: SAWPA WEATHER MODIFICATION PILOT STUDY
DATE: MAY 25, 2023

Background

The Santa Ana Watershed Project Authority (SAWPA), a joint powers authority, along with its five member agencies: Inland Empire Utilities Agencies, San Bernardino Valley Municipal Water District, Eastern Municipal Water District, Western Municipal Water District and Orange County Water District, and several other local public agencies, will be conducting a four-year pilot scale program for weather modification (cloud seeding) in the Santa Ana River Watershed to increase local water supply and stormwater capture. The purpose of the seeding pilot project will be to evaluate and measure the potential increase snowpack in four mountain target areas around the periphery of the watershed. Increases in snowmelt runoff and precipitation during seeding events could generate benefits of groundwater recharge and increased water supply for the watershed.

SAWPA has requested to utilize our site off Jamboree Road and Handy Creek, commonly referred to as the 6 MG Reservoir Site, for installation of a seeding facility for the duration of the pilot study. The attached brief details the program and the facilities required.

Staff have reviewed the request along with a proposed agreement and see no issue with participation in the study.

Recommendation

Approve District participation in SAWPA's pilot study.

Attachment(s): SAWPA Briefing Paper on Weather Modification
Proposed Agreement

Santa Ana Watershed Project Authority Weather Modification Pilot Program

Brief on Proposed EOCWD Site for Seeding Unit

1. Overview

Pilot Purpose and Benefits

The Santa Ana Watershed Project Authority (SAWPA), a joint powers authority, along with its five member agencies: Inland Empire Utilities Agencies, San Bernardino Valley Municipal Water District, Eastern Municipal Water District, Western Municipal Water District and Orange County Water District, and several other local public agencies, will be conducting a four-year pilot scale program for weather modification (cloud seeding) in the Santa Ana River Watershed to increase local water supply and stormwater capture. The purpose of the seeding pilot project will be to evaluate and measure the potential increase snowpack in four mountain target areas around the periphery of the watershed. Increases in snowmelt runoff and precipitation during seeding events could generate benefits of groundwater recharge and increased water supply for the watershed.

A 2020 feasibility study for the seeding program prepared by North American Weather Consultants (NAWC) for SAWPA, reflected that such a program for the Santa Ana River Watershed was technically and economically feasible. Using primarily ground-based seeding units as opposed to aerial seeding, a potential increase of 7-8% in watershed streamflow was estimated.

Though extensively practiced throughout the world and the Western U.S., quantification of precipitation increases from cloud seeding programs has been difficult to accurately determine, with average increases between 5%-15%. To ensure that the increased water supply increase is confirmed, SAWPA has contracted with the Desert Research Institute based in Reno, Nevada to conduct a separate validation of the seeding results of the SAWPA pilot project. This validation will include snow sampling of seeding areas, target and control of precipitation and snowfall increases, as well as streamflow increases.

If successful, a full-scale operation of a watershed-wide weather modification for the watershed will be determined based on the weight of evidence, which could help address drought conditions faced across the state.

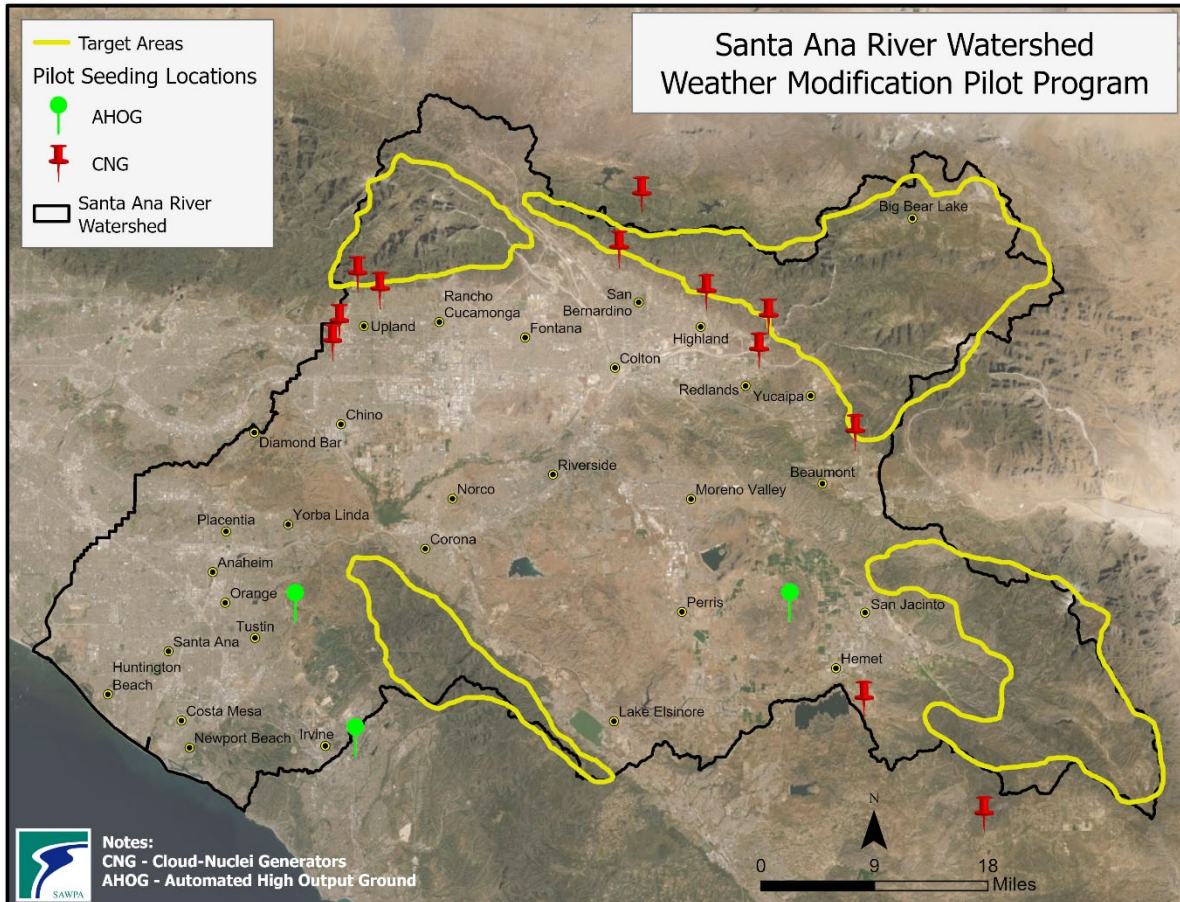
Orange County Seeding Units

For the Orange County target area, the Santa Ana Mountains, two seeding sites are proposed using Automated High Output Ground Seeding (AHOGS) units also known as flare trees. The reason these specific seeding units are proposed versus the predominant type of seeding unit, cloud nuclei generating units used in the Inland Empire area of the watershed is due to the strong convective winds along the coastal regions in Orange County where higher output of seeding agent can be released in a shorter period of time and can be operated remotely without manual operation of the seeding unit. Based on modeling conducted by our consultant, NAWC, two AHOGS sites were proposed as shown on the seeding site map. Subsequent to early

siting, an additional AHOGS was eventually chosen for one site in the EMWD service area due to the proximity and conditions for the SE target area.

Seeding Site Locations

A map of the proposed seeding sites and target acres in the Santa Ana River watershed as reflected by NAWC after detailed seeding plume modeling is shown below.



P:\projects\Mark_Norton\WeatherMod_21\WeatherMod2.aprx LoPilotProgram SW-3105

2. East Orange County Water District Site

One of the two proposed seeding sites is a location that was identified within the East Orange County Water District (EOCWD). The proposed location map and site plan are shown below. The facility is called the Peters Canyon Reservoir and WTP.

EOCWD Seeding Site Location Map:



EOCWD Seeding Site Plan



3. AHOGS

A diagram of the proposed AHOGS unit is shown below.



AHOGS Description

Installation of each AHOGS would take two days by two crew members. Most AHOGS do not require a concrete pad. For installation on concrete, a concrete drill attached to a skid steer would be used to drill three holes in the concrete. AHOGS would be enclosed by locked fencing to prevent access by unauthorized personnel.

AHOGS consist of three aluminum pillars and one smaller pole cemented in the ground. The pillars are six inches by six inches and would require holes between 8 and 12 inches in diameter

to install. Pillars would be cemented two to three feet into the ground. Holes would be dug using gas powered post hole diggers. Cement would be mixed manually. The units would be solar powered. Additional holes would be dug to support security and a monitoring camera. Vertical AHOGS contain numerous flares oriented around the central upright pole (e.g., “flare trees”). Porous metal cylinders called spark arrestors cover the flares. In addition to the flare trees, an environmentally sealed control box containing a cellular phone communications system, digital firing sequence relays/controller, data logger and system battery would be installed. One technician would maintain the equipment four to five times per year.

Following installation, weed abatement would be routinely performed to prevent vegetation that could serve as fuel from encroaching on the towers. The AHOGS are remotely operated units that use burn-in-place flares that release a high concentration of silver iodide very rapidly. The devices are triggered by a Project Meteorologist operating remotely. The use of the monitoring camera allows the operator to evaluate the conditions prior to triggering, and after the triggering to ensure operations are as expected. The cloud seeding flares consist of the silver iodide cloud seeding mixture and igniter. The cloud seeding mixture is glued into a paper tube, and the igniter is stored at the end of the flare and sealed with a plastic cap. The electronic igniter is activated using the voltage supplied from the ground remotely controlled flare unit to the firing box. The flares produce a plume that may be visible to nearby receptors. SAWPA would notify the local fire department(s) when the devices are installed so that the department is aware of the AHOGS locations and the potential for smoke from the devices.

The flares would be ignited by the Project meteorologist. The units are also equipped with high resolution cameras that would be used by the Project meteorologist to monitor the unit prior to igniting the flares and during the illuminating of flares to ensure proper ignition and burning of the flares. Flares would only be ignited when a convection band is passing over one of the sites when rain is imminent or present to further reduce any concerns about small sparks hitting the ground and igniting. The flares burn similarly to an emergency road flare, emitting a small continuous flame for up to four minutes. The flares are housed within aluminum spark arrestors. These ventilated cylinders allow the seeding agents to escape while preventing sparks from reaching the ground. Each flare burns for approximately 3-4 minutes, and flares are ignited consecutively during a storm event, with a maximum of 15 flares ignited in a 24-hour period. The Project meteorologist would monitor the number of spent flares, and a field technician would replace the flares as necessary following storm events.

Safety and Hazard Mitigation

Mitigated Negative Declaration under CEQA analysis was conducted for the pilot project and approved by the SAWPA Commission on June 19, 2022. Based on this study and analysis all the seeding sites, with implementation of the mitigation measures listed therein, the pilot project would not have a significant effect on the environment. Mitigation measures consisted solely of a biological survey and Native American artifact survey if artifacts are found.

Regarding the specific AHOGS units, these are the safest ground seeding unit and system available to conduct weather modification. The flares are individually sealed. There is no acetone present. The flares are contained within spark arrestors that prevent sparks or embers from reaching the ground during the burn cycle. A small smoke plume may be visible during the

burn sequence (if there is no fog, or heavy precipitation that would mask the plume). The flare is similar to a road flare used by emergency service providers, with 17 grams of silver iodide per flare, as such there is no risk of remotely measurable contamination to local water.

4. Review of Alternative Sites and Status

1st Alternative Site – Orange County Coastkeeper Conservation Garden

In reviewing possible alternative sites, one site considered was at a location of the Santiago Canyon College at the intersection of Jamboree Rd and Santiago Canyon Rd. The property is leased by the non-profit organization, Orange County Coastkeeper (OCCK) from the Santiago Canyon College to operate and maintain a water conservation garden.

SAWPA staff first reached out to OCCK upper management staff, Garry Brown and Ray Hiemstra, to discuss and review the potential use of the leased property for the seeding site. Unfortunately, though OCCK appeared to be supportive, they shared that authorization would need to come from the Santiago Canyon College since OCCK leases the land from the college. The lease agreement is currently about to expire and renewal of the OCCK is still pending.

OCCK staff stated that permission to locate the seeding unit would need to be obtained from the Santiago Canyon College Board of Directors as well as the College Facilities Mgr. SAWPA staff received feedback from the Facilities Manager, Chuck Wales, that he would approach the Board of Directors, but this would take time.

An informational briefing for the Santiago Canyon College Board of Directors by SAWPA staff may be needed. Some concern was raised of the proximity of the AHOGS to residential areas surrounding the conservation garden. NAWC agreed to provide informational flyers and signs to ensure the local public is aware that the AHOGS are safe and non-toxic. This alternative site involves multiple parties on leased land which will likely result in significant time delays, possibly several months, for approval which may prevent locating the AHOGS at this site. In recent correspondence, SAWPA has learned that the OCCK lease may not be renewed for the conservation garden due to a lack of handicap access which further discourages use of the area for SAWPA needs.

2nd Alternative Site – OCWD Santiago Recharge Basin

Another location explored is the OCWD Santiago Recharge Basin. This location is less ideal since it lies over a mile away from the original seeding site proposed on EOCWD site. If this site was selected, additional costs to revise the CEQA may be necessary. In discussion with OCWD staff, various locations surrounding the Santiago Recharge Basin were discussed and explored with the consultant, NAWC. Upon further investigation by the OCWD property manager, SAWPA was informed that their entire basin includes a preexisting easement by Orange County Flood Control District and the ACOE resulting in the need to obtain permission from both of them to locate the AHOGS unit on their easement. OCWD informed SAWPA that this would likely take several months to obtain the necessary permission.



The biggest issue with both these potential alternative seeding sites is related to easements and land usage agreements that take precedence. These easements would require approval of various third parties to approve the placement of AHOGS and increase time resulting in possible further delays and costs to a potential pilot start date of November 2023.

5. EOCWD Site Agreement Request and Offer

To keep costs down for SAWPA and the partnering agencies, SAWPA is mindful of all operation costs and keeping these costs to a minimum. However, since the AHOGS equipment is fully automated and requires no support from the agency's staff, the NAWC is willing to provide funding to lease the property from EOCWD up to \$1500 per winter season for each of the four winters seeding seasons of the pilot project.

SAWPA has partnered with all five of the SAWPA member agencies and 10 local water agencies across the watershed to implement this pilot project proposed to begin in November 2023. The cooperation and support of local agencies in partnering with SAWPA and its consultant, NAWC, will help ensure a full investigation of a water resource strategy recognized and supported by the CA Dept of Water Resources and described in the California Water Plan. With ongoing drought conditions, consideration of a portfolio of water resource strategies for the Santa Ana River Watershed is encouraged.

Sample Site Lease Agreement

SITE LEASE AGREEMENT

This agreement is made among the Santa Ana Watershed Project Authority, hereinafter referred to as "SAWPA", North American Weather Consultants, Inc., a Utah corporation and consultant to SAWPA, hereinafter referred to as "NAWC" and East Orange County Water District hereinafter referred to as "EOCWD".

1. **Services**

EOCWD shall lease property to locate a silver iodide nuclei generator in accordance with Section 2 below by an authorized representative of NAWC. EOCWD shall report malfunctions or problems to SAWPA and its authorized pilot project consultant, NAWC.

2. **Generator Location**

The silver iodide nuclei generator shall be located at _____. EOCWD hereby grants permission to SAWPA and NAWC to place said silver iodide nuclei generator at that location. EOCWD warrants that it has the authority to grant such permission.

3. **Term**

The terms of this Agreement shall commence on the day it is executed and shall terminate on the _____ day of _____, provided however, that either party may terminate this Agreement at any time prior thereto upon giving one week's written notice to the other party.

4. **Indemnification**

NAWC and SAWPA shall hold harmless and indemnify EOCWD to the extent of the EOCWD's proportionate responsibility, therefore, from any claims, demands, or liabilities for injury to or death of personnel, and damage to third party property, properly and reasonably incurred in connection with defending any bona fide, meritorious and successful claim, asserted against EOCWD arising out of the negligent acts or omission of SAWPA and NAWC, its officers, agents or employees. However, nothing herein shall be construed to mean that NAWC and SAWPA shall hold harmless and indemnify EOCWD from claims, demands or liabilities arising out of any acts or omissions of EOCWD, its officers, agents or employees.

EOCWD shall hold harmless and indemnify SAWPA and NAWC, to the extent of EOCWD proportionate responsibility, therefore, from and against any claims, demands, or liabilities for injury to or death of personnel, and damage to third party property, properly and reasonably incurred in connection with defending any bona fide, meritorious and successful claim, asserted against SAWPA and NAWC *arising out of the negligent acts or omissions of EOCWD*, its officers, agents or employees. However, nothing herein shall be construed to mean EOCWD shall hold harmless and indemnify

SAWPA and NAWC from claims, demands, or liabilities arising out of any act or omissions of SAWPA and NAWC, its officers, agents or employees.

5. Waiver of Subrogation

NAWC agrees to waive all rights of subrogation against SAWPA and EOCWD, its elected or appointed officers, officials, agents, authorized volunteers and employees for losses paid under the terms of this policy which arise from work performed by NAWC.

6. General Liability

The general liability policy of NAWC must contain, or be endorsed to contain, the following provisions:

Additional Insured Status:

- SAWPA and EOCWD, their directors, officers, employees, and authorized volunteers are to be given insured status (at least as broad as ISO Form CG 20 10 10 01), with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations.
- SAWPA and EOCWD shall be listed as “Additionally Insured” on NAWC’s general liability policy. Proof of compliance will be provided upon request.

7. Entire Agreement

This Agreement contains the entire agreement and understanding of the parties hereto. It may not be changed, modified, extended, or terminated other than as provided above, nor may any of its provisions be waived except by mutual agreement of the parties hereto in writing.

8. Attorney's Fees

If any action at law or inequity is necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled to reasonable attorney's fee, costs, and necessary disbursements in addition to any other relief to which he may be entitled.

9. Applicable Law

This Agreement shall be governed by the laws and courts of the State of California.

In witness whereof, the parties hereby have made and executed this Agreement as of the day and year first above-written.

East Orange County Water District

(Signature)	Date
David Youngblood General Manager	

Santa Ana Watershed Project Authority

(Signature)	Date
Jeffrey J. Mosher General Manager	

North American Weather Consultants, Inc.

(Signature)	Date
Garrett L. Cammans President	

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: FY 23-25 AUDIT SERVICES CONTRACT AWARD
DATE: MAY 25, 2023

Background

Prior to FY 17/18 The District's auditor was The Pun Group, led by Paul Kaymark. In FY 17/18 the District switched to DavisFarr, led by Jonathan Foster. DavisFarr has audited the District's financial statements for the last five years.

Best practices dictate partner rotation every five years if using the same accounting firm. That means that FY 23 would require a change in partner at DavisFarr.

The District issued an auditor RFP on April 21, 2023, with a deadline of May 5, 2023. The RFP was sent to five local and well-respected government auditors, including the District's current audit firm Davis Farr, but only two responses were received.

One respondent is Paul Kaymark, now an audit partner at Nigro & Nigro (N&N), based out of Murrieta, California. Paul's and his team at N&N have extensive water and sewer district experience, and Paul understands the complexity of the District's operations from his previous experience as the auditor for the District. The other respondent is Brandon Ferrell, audit partner with Eadie & Payne (E&P), based out of Riverside, California. E&P has a decent number of special districts served and several in the water industry. Both proposals were thorough and professional.

N&N proposed 216 total hours for the audit and preparation of the state controller's report, at a flat price of \$28,000 a year for the first three years. E&P proposed 190 hours at a price of \$28,000 for the first year, \$28,569 for the second year, and \$29,130 for the third year. N&N proposed an additional \$5,000 per major program if a Single Audit is needed, and also included discounted hourly rates by staff member. E&P's proposal did not include a Single Audit price or hourly rates.

The District's Treasurer, Cindy Byerrum, and her team at Eide Bailly work with N&N and E&P at other clients and find them both to be efficient, knowledgeable, and a pleasure to work with. While both firms would be an excellent choice, staff recommends selecting Nigro & Nigro based on their direct experience and knowledge of the District's operations.

Recommendation

Approve a professional services contract with Nigro & Nigro for \$84,000 for the next three years of auditing services.

Attachment(s): NONE

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: OC-43 WALNUT TURNOUT VAULT REPLACEMENT PROJECT UPDATE
DATE: MAY 25, 2023

Background

The OC-43 Walnut Turnout Project is currently under way. Construction started with the shoring installation on April 18 with assistance from Southern California Edison (Edison) to ensure an 80ft electrical transmission pole remained stable. Due to the adjacent transmission pole, the contractor was required to utilize a significantly stronger and more expensive shoring system. Staff believes the additional cost should be reimbursed by Edison. Edison is completing their rights study and a formal response is expected this week.

The contractor has removed the existing vault, installed the new vault, and is in the process of installing the new piping. The project is ahead of schedule and the turnout is expected to be operational in June.

Recommendation

Information Only.

Attachment: Presentation

OC 43 WALNUT TURNOUT VAULT REPLACEMENT PROJECT



STABILIZING EDISON TRANSMISSION POLE

Construction started on April 18. An 80' tall Southern California Edison (SCE) transmission pole was within 2' of the excavation for the vault. Due to the risk of causing instability of the pole foundation, the street was shut down and SCE held the pole with a crane while the shoring was installed.

In addition, the shoring was upgraded to I-beam and plates in order to ensure stability of the pole throughout the duration of the project.



REMOVING THE OLD VAULT



The old vault was very small with restricted access, little headroom, and a dirt floor.



SETTING THE NEW VAULT

Installing the new vault was extremely difficult due to the overhead electrical lines, equipment weight limitations due to underground utilities, traffic, and space constraints. Two excavators working in tandem was the preferred method.



THE NEW VAULT







MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: DIRECTOR'S REPORTS
DATE: MAY 25, 2023

Background

Board members represented the District at the following meetings in April 2023:

President Davert

4/12 OC LAFCO Commission Meeting
 4/14 Groundwater Replenishment System (GWRS) Final Completion Dedication
 4/14 Water Infrastructure Networking Summit 2023
 4/27 EOCWD Regular Board Meeting

Vice President Murdoch

4/6 MWDOC Annual Elected Officials' Forum
 4/10 ACWA Business Development Committee
 4/13 EOCWD Engineering & Operations Committee
 4/14 Groundwater Replenishment System (GWRS) Final Completion Dedication
 4/14 Water Infrastructure Networking Summit 2023
 4/27 EOCWD Regular Board Meeting

Director Sears

4/6 MWDOC Annual Elected Officials' Forum
 4/7 Water Advisory Committee of Orange County (WACO)
 4/14 Groundwater Replenishment System (GWRS) Final Completion Dedication
 4/27 EOCWD Regular Board Meeting

Director Thoms

4/7 Water Advisory Committee of Orange County (WACO) Meeting
 4/13 EOCWD Engineering & Operations Committee
 4/14 Groundwater Replenishment System (GWRS) Final Completion Dedication
 4/14 Water Infrastructure Networking Summit 2023
 4/27 EOCWD Regular Board Meeting

Director Nielsen

4/6 MWDOC Annual Elected Officials' Forum
 4/14 Groundwater Replenishment System (GWRS) Final Completion Dedication
 4/27 EOCWD Regular Board Meeting

Recommendation

Informational.

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: LEGISLATIVE AND OUTREACH REPORT
DATE: MAY 25, 2023

Background

Attached is most recent monthly report from Lewis & Consulting Group and Townsend & Associates regarding local, regional and state issues and legislation of interest to the District. Additionally, copies of our monthly print and social media outreach are also attached.

Recommendation

Receive and File.

Attachment(s): Townsend Legislative Report
Lewis Consulting – County of Orange Report
Foothills Sentry Outreach Ad
Communications Lab Social Media Report

MEMORANDUM

To: East Orange County Water District
From: Townsend Public Affairs
Date: May 3, 2023
Subject: State and Federal Legislative Monthly Report

State Legislative Updates

The month of April saw the State Legislature's quick pace of considering and amending legislation to ensure bills progressed through their first house. April featured the legislative deadline for policy committees to hear and report to fiscal committees fiscal bills introduced in their house. Measures deemed to have a fiscal impact that did not meet this deadline have failed to progress and will become 2-year bills. Below is an overview of pertinent state actions from the month of April.

State Legislature

With the deadline for measures with a fiscal impact to receive policy committee consideration by April 28, the month of April featured policy committees with packed agendas. The deadline marks an important milestone for bills, given that policy committees are responsible for the consideration of a bill's policy implications. During the policy committee process, bills are amended and refined pursuant to committee member and stakeholder input. If they are deemed to have a fiscal impact, upon passage in their respective policy committees, they move over to the appropriate Appropriations Committee, which gauges impacts on the State's financial ability to support proposed programs. The shift from policy considerations to fiscal considerations aligns with the State's budget process, which will kick into high gear in May, with the release of the May Revision. The Revision will offer an assessment of the State's overall fiscal condition and ability to accommodate additional spending programs contained within various bills.

Notable outcomes from April's policy committee deadline for fiscal bills include the following, organized by issue area:

Water and Sanitation

- [AB 234](#) (Bauer-Kahan) would prohibit a synthetic polymer microparticle from being placed on the market in this state as a substance on its own or, where the synthetic polymer microparticles are present to confer a sought-after characteristic, in mixtures in a concentration equal to or greater than 0.01% by weight.
This bill was pulled from the Committee by the author and is now a two-year bill. The bill will be amended and brought back next year.
- [AB 246](#) (Papan) would prohibit any person from manufacturing, distributing, selling, or offering for sale in the state any menstrual products that contain regulated PFAS.
This bill passed the Assembly Environmental Safety and Toxic Materials Committee

- [AB 727](#) (Weber) would prohibit a person from manufacturing, selling, delivering, distributing, holding, or offering for sale in the state a cleaning product that contains regulated PFAS.
This bill passed the Assembly Environmental Safety and Toxic Materials Committee.
- [AB 460](#) (Bauer-Kahan) enhances the ability of the State Water Resources Control Board to issue interim orders to protect water rights and deter unlawful conduct. This bill would apply with respect to water held under any basis of right.
This bill passed the Assembly Water, Parks, and Wildlife Committee and the Assembly Judiciary Committee
- [AB 1337](#) (Wicks) - authorizes the State Water Resources Control Board to adopt regulations to ensure water is used in the public's interest and to implement regulations through orders curtailing water use under any claim of right.
This bill passed the Assembly Water, Parks, and Wildlife Committee.
- [SB 23](#) (Caballero) requires various State Agencies to take final action on water quality certifications issued under the federal Clean Water Act and issue permits in specific timeframes for water supply and flood risk reduction projects.
This bill passed the Senate Environmental Quality Committee.

Brown Act Reform/Open Meetings

- [AB 557](#) (Hart) eliminates the sunset date on provisions of law allowing local agencies to use teleconferencing without complying with specified Ralph. M Brown Act (Brown Act) requirements during a proclaimed state of emergency.
This measure passed the Assembly Local Government Committee unanimously.
- [AB 817](#) (Pacheco) allows a subsidiary body of a local government to use teleconferencing, with certain requirements.
This bill's hearing was postponed at the request of the author, likely in order to take substantive amendments before its hearing.
- [AB 1379](#) (Papan) revises teleconferencing provisions included in AB 2449 (Rubio, statutes of 2022) by removing restrictions on the frequency of teleconferencing and its geographical barriers for participating in meetings remotely.
This measure was held by the Author due to disagreements on the scope of the policy with the Assembly Local Government Committee Chair. It could be reconsidered next year.

Governance and Transparency

- [AB 1637](#) (Irwin) requires local governments to switch to a .gov domain. The measure took amendments to push out the timeline for compliance from 2025 to 2026.
This measure passed the Consumer Protection and Privacy Committee and will move to the Appropriations Committee for Consideration.

Air Resources Board Approves Advanced Clean Fleets Regulation

On April 28, the California Air Resources Board (ARB) unanimously voted to approve the controversial Advanced Clean Fleets regulation banning the sale of new diesel big rigs, delivery and garbage trucks by 2036 and requiring large fleets to reach 100% zero-emissions by 2042 or

sooner, depending on the vehicle type. This regulation also applies to all State and local government fleets, including city, county, special district, and State agency fleets. According to ARB, the goal of this effort is to accelerate the number of medium and heavy-duty zero-emission vehicle purchases to achieve a full transition to zero-emission vehicles in California as soon as possible.

Some freight transportation companies and local government officials call the deadlines in the rule unachievable. They say the new technology still has major drawbacks, including the high cost of electric trucks and their low battery range. The State also has not yet developed a charging network to support electric trucks, and existing chargers can take hours in some cases.

California has more than 80,000 electric vehicle chargers deployed across the State. An additional 17,000 are set to be installed, however, the State will need approximately 1.2 million chargers to support the 7.5 million electric vehicles expected on the roads by 2030. In addition, numerous stakeholders have significant doubt about the ability to generate enough electricity to meet demand. The State must triple its power-generation capacity if it wants to electrify vehicles and other sectors of the economy. However, State officials said they were confident that the 12.5 million passenger cars and trucks hitting California roads by 2035 will not strain the grid.

Senate Democrats Release Budget Priorities Document in Preparation for May Budget Season, Highlighting Key Differences Between the Governor's and Legislature's Plans

On April 26, the Senate Democratic Caucus released its revised [budget priorities](#) document in preparation for the Governor's release of the May Revision of the Budget. Beginning in January of each year, the Governor releases a preliminary budget proposal, which kicks off the call-and-response process between the Administration and the Legislature on how best to spend taxpayer dollars. The budget process is in a unique position this year, with the extension of the tax filing deadline for individuals and businesses as a result of the severe winter storms. This extension will impact the delivery of returns data the Department of Finance will need to compile an accurate and comprehensive spending plan.

One of the fundamental differences between the Governor's and the Legislature's spending plans is whether or not to draw on reserve funds to mitigate issues associated with the anticipated deficit, which was projected to be close to \$22 billion in January. The Governor proposed spending cuts and deferrals to programs to protect the over \$37 billion in reserve funds, citing concerns with a looming recession and the need for cash on hand should the state experience an economic downturn. The Legislature, on the other hand, has proposed using reserve funds to keep key spending programs funded at current levels, which points to the name of their counter-budget proposal – "Protect our Progress."

However, other budget experts caution against the use of reserve funds. For instance, in Mid-April, the State's Legislative Analyst Gabe Petek released an [article](#) overviewing the State's anticipated fiscal condition, its causes, and the implications of drawing from reserve funds to offset revenue losses. Petek iterated that the revenue construction is not an outright downturn, but rather the other side of its recent revenue boom. The extraordinary General Fund revenue growth was allocated toward massive one-time and multi-year spending programs that are too high relative to revenue performance typical of historic norms.

Petek warned that recent turmoil in the banking sector, tech industry losses, and inflation and unemployment trends point to a looming recession that could send revenue estimates below baseline levels. To preserve mid-range financial security within the State, he favors the

preservation of reserve funds and the cut and deferral of existing spending programs. While not the final decision maker on the matter, the Legislative Analyst's Office offers critical insight into the State's fiscal condition to be incorporated into spending practices. This insight could influence the State's final spending strategy.

Key spending priorities within the Senate Democrat's budget plan include the following:

- Rejects proposed cuts and delays to key infrastructure investments, such as broadband, transit, student housing, climate package investments, libraries, and more.
- Accelerates previously budgeted Transit Infrastructure funds, and provides local flexibility to enable the funds to be used for operations as a bridge until a permanent operations fix can be established.
- Creates a \$10 billion Housing and Infrastructure Fund to fund one-time projects and programs that the Governor proposes to cut or delay. This includes Funding affordable housing, Transit infrastructure, Broadband, Clean energy, Student housing, School facilities, and more.
- Turns current one-time funding for the HHAP program into \$1 billion of ongoing funding to provide local governments.
- Provides \$4.3 billion in tax relief by slashing tax rates by 25 percent for small businesses, improving the Renters Tax Credit and CalEITC, and implementing the Workers Tax Fairness Tax Credit.

The Governor will release his May revision to the budget next month, which will guide ongoing negotiations between his Administration and the Legislature. However, due to the delay in tax return data, a comprehensive budget plan may not be fully realized until later this summer.

The County of Orange Report

Prepared for East Orange County Water District

May 18, 2023

by Lewis Consulting Group

OCWD/MWDOC Pow-Wow

For the fourth time, in 2022, the Orange County Grand Jury weighed in on the merits or lack thereof, of consolidation of the two agencies. The 2022 findings agreed with the 1982 Grand Jury that supported a single wholesale agency for Orange County. Grand Jury reports in 1994 and 2013 determined that OCWD and MWDOC operate better separately.

On October 4, 2022 OCWD's General Manager requested OCLAFCO to conduct a focused MSR on studying consolidation of the two agencies. This is only a feasibility study and if there was a desire to move forward, it would require a later application of consolidation. The request to LAFCO for the focused MSR was granted as it was an appropriate application. On January 9th, LAFCO released an RFP to "prepare a fiscal feasibility analysis focused on the potential consolidation of OCWD and MWDOC. . . ." Only one firm, Albert Webb and Associates responded, and they were subsequently selected along with former Santa Margarita General Manager John Schatz for a total cost of \$279,390. Against this backdrop, a joint meeting of the two Boards was called for on May 5, 2023.

The meeting was well attended with nearly every board member present. After a lengthy process of self introduction, coupled with praising another Board Member, the meeting's facilitator Paul Brown noted "we don't know what we want to accomplish, but hope it will be good".

As the meeting began, the facilitator attempted to understand the friction between the two agencies. The first to comment was OCWD Board Member Roger Yoh who blamed past friction between the two general managers as a source of misunderstanding. MWDOC Director Jeff Thomas called out OCWD Board Chair Steve Sheldon "for really ramping it up". Shortly after, a visibly angry Steve Sheldon entered the room. As the meeting progressed Steve Sheldon kept asking what were MWDOC's main concerns or objections. MWDOC Director Karl Seckel verbalized a list of barriers to consolidation.

These included:

- ◆ large up-front pension expense upon withdrawal from CalPERS
- ◆ structure of a new board and MET Board governance issue
- ◆ risks in opening up MET act
- ◆ choosing between opening up either the MWDOC or OCWD Act
- ◆ loss of representation for South Orange County
- ◆ how are La Habra and Brea treated?
- ◆ loss of dynamic and positive tensions between both agencies

At the meeting, there appeared to be more unity of opinion by the MWDOC Board Members. OCWD Board Member Roger Yoh stated that he was not necessarily in favor of consolidation but felt a third party analysis would be helpful. OCWD Director Dina Nguyen said before formulating an opinion, she wanted to wait until the LAFCO study was complete.

Steve Sheldon stated this is a technical study and we have to solve the big problems. Acting MWDOC General Manager Harvey De La Torres stated this should be an efficiency study, not a consolidation study.

Among the MDWOC Board Members, Al Nederhood was the most hawkish, opposing every aspect of the study. Director Jeff Thomas was a close second, stating “that over the years with rejected studies, what has changed?”

One issue kicked around at the end of the meeting was whether there should be an expanded scope of the study, taking into account MWDOC criticisms. If the expanded scope is approved, Director McVicker seems agreeable to having MWDOC shoulder the additional cost of the study, but Director Larry Dick noted that “he resented having to pay for it.”



The May 2023 LAFCO meeting was lightly attended, but a quorum was present. The Commission finalized the 2023-2024 budget by making only minor adjustments to the budget tentatively approved in March. The new budget is \$1,744,480. 81% of this year’s revenue comes from apportionments. 60% of the expenditures are spent on staff compensation. The new budget is \$188,360 (or 12%) larger than last year’s budget. The budget was adopted by a unanimous vote.

Beginning in 2008, LAFCO began development of their Fiscal Indicators Program. The program has slowly improved over the last 15 years, but now the program is collecting real-time data and is in the process of migrating all the information to the LAFCO website. Information on Special Districts and Cities will be collected from budgets, audits and other sources of information. The featured indicators will display an entity’s change in revenue, change in expenditures and status of operating reserves.

The meeting’s legislative report centered around a discussion of AB 1637, the proposed legislation to mandate all government entities either use .gov or .ca.gov. The majority of the committee’s initial sentiment was to oppose the legislation. Acting Chair, Supervisor Don Wagner, initially argued for a “watch” position, noting that he hates to oppose a bill that promotes transparency. However, after a robust discussion in which Commissioner Fislser pointed out the compliance cost for Mesa Water alone exceeded \$1 million. The Commission voted unanimously for an oppose amended position.

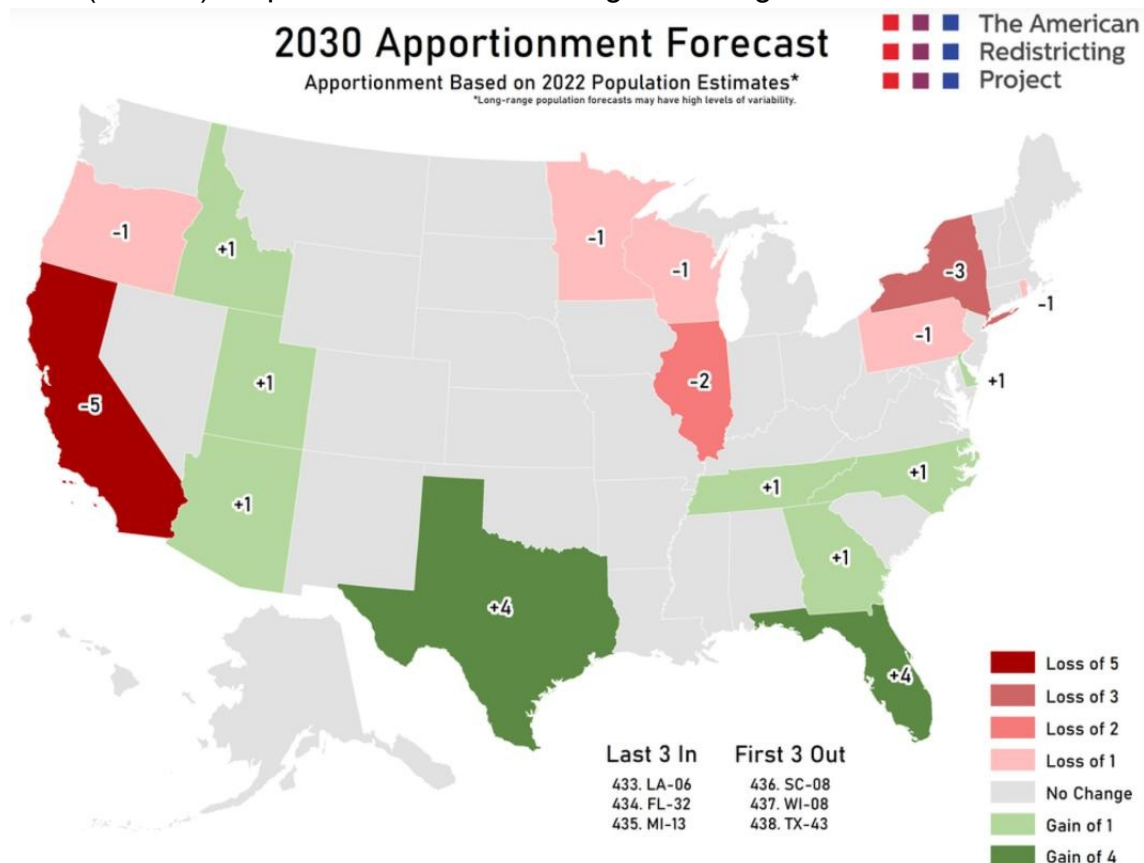


COUNTY TIDBITS

- ◆ 47th Congressional - former Assemblyman *Scott Baugh* and current State Senator *Dave Min* remain the favorites to succeed U.S. Senate candidate *Katie Porter*. The race recently received unwelcomed attention when *Senator Min* was arrested for driving under the influence in Sacramento. To add more drama to the race, former Assemblyman *Steve Choi*, who is currently running for the State Senate, is behind the scenes considering a candidacy for Congress instead.
- ◆ 37th State Senate - State Senator *Josh Newman* D-29 lost his district in redistricting. As a result, he is a candidate in Min's 37th district. A new entrant, little known Villa Park councilwoman *Crystal Mila*, a Republican, has quietly emerged as a formidable candidate and has been racking up endorsements. Former Assemblyman *Steve Choi* is angered by her entrance and Senate endorsements from Sacramento. As a result, he is suggesting he might switch to the Congressional race, upsetting the GOP establishment.

California Leaving

A new forecast by the American Redistricting Project has really bad news for California's political clout. According to their current projections, California is on track to lose five Congressional seats. The next two biggest losers are New York (3 seats) and Illinois (2 seats). Population shifts are driving the change.



Latest Polls of Note

DATE	RACE/TOPIC	POLL	RESULTS	SPREAD
MAY 10 th	GENERAL ELECTION: TRUMP vs BIDEN	YAHOO NEWS	TRUMP 43, BIDEN 45	BIDEN +2
MAY 10 th	GENERAL ELECTION: DeSANTIS vs BIDEN	YAHOO NEWS	DeSANTIS 42, BIDEN 45	BIDEN +3
MAY 7 th	GENERAL ELECTION: TRUMP vs BIDEN	ABC NEWS/WASH POST	TRUMP 45, BIDEN 39	TRUMP +6
MAY 7 th	GENERAL ELECTION: DeSANTIS vs BIDEN	ABC NEWS/WASH POST	DeSANTIS 44, BIDEN 38	DeSANTIS +6
MAY 3 rd	GENERAL ELECTION: TRUMP vs BIDEN	ECONOMIST/YOU GOV	TRUMP 46, BIDEN 46	TIE
MAY 3 rd	GENERAL ELECTION: DeSANTIS vs BIDEN	ECONOMIST/YOU GOV	DeSANTIS 42, BIDEN 45	BIDEN +3
APRIL 27 th	GENERAL ELECTION: TRUMP vs BIDEN	EMERSON	TRUMP 41, BIDEN 43	BIDEN +2
APRIL 27 th	GENERAL ELECTION: DeSANTIS vs BIDEN	EMERSON	DeSANTIS 37, BIDEN 43	BIDEN +6



April 25 & May 9 Board of Supervisors Meetings

The April 25th meeting of the County Board of Supervisors focused on two important issues, election integrity and the county's immigration policy. The new Orange County Registrar of Voters, Bob Page, at the request of the Board gave an overview of voting operations in Orange County along with safeguarding the integrity of balloting in the County. A number of public speeches found fault with the county's election process, but in reality, the County is following Sacramento's mandates.

The other measure of note was Supervisors Do and Chaffee's intent to establish an Office of Immigration and Refugee Affairs within the County. After lengthy public testimony, the vote to create the office was unanimous.

The May 9th meeting had one item of interest to the water world. Emerging from closed session, the Board announced it had come to agreement to purchase additional flood protection properties behind Prado Dam for \$16 million.

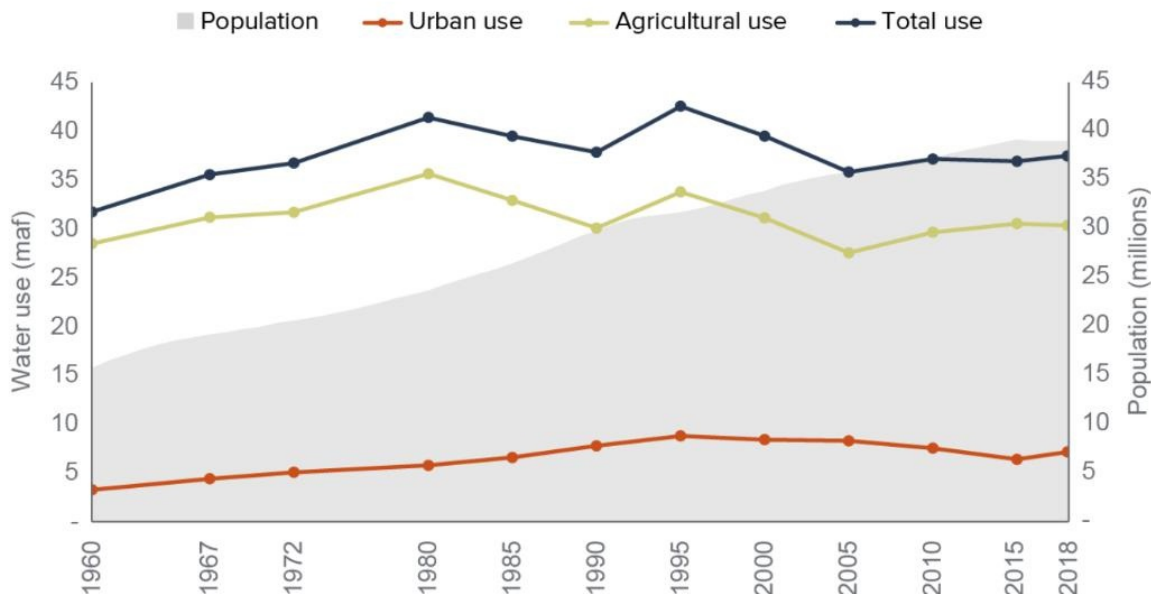
PPIC Releases Water Study

In April, the Public Policy Institute of California published a concise fact sheet titled *Water Use in California*. Four Topics were covered - agricultural usage; environmental usage; drought and the 2014 Sustainable Groundwater Management Act and urban water usage. Below are the findings regarding urban water usage:

Total urban water use has plateaued, even as the population has grown.

- Water use by urban, suburban, and rural communities—also known as urban water use—is highest in the San Francisco Bay Area and the South Coast; both regions rely primarily on water imported from elsewhere.
- Per-capita water use has been steadily falling, even before the 2012–16 drought made conservation a major priority. In severely affected areas, the 2020–22 drought resulted in large additional declines.
- Total urban use has plateaued, even though California’s population grew by 5.5 million from 2000–20.
- Initial water savings came mainly from more efficient indoor plumbing and fixtures; more recent efforts have also focused on reducing outdoor use, which accounts for nearly half of all urban use.

The amount of water used by communities and farms peaked in the mid-1990s



Tracking Colorado River Improvement

As the snow slowly melts in the Colorado River basin, the 14 most recent days of Lake Powell water level status shows steady improvement.

View Acre Feet Last 14 Measurements

Lake Powell is up 14.16 feet over these measurements

DATE MEASURED	ELEVATION	CHANGE	CONTENT	INFLOW (cfs)	OUTFLOW (cfs)	HIGH TEMP	LOW TEMP	WATER TEMP
Wed, May 17, 2023	3541.61	1.28	6,550,907	62167	17753	76.3	65.1	n/a
Tue, May 16, 2023	3540.33	1.18	6,469,778	58577	17916	82.4	63.5	n/a
Mon, May 15, 2023	3539.15	1.06	6,395,533	53903	17595	82.0	58.8	68.0
Sun, May 14, 2023	3538.09	0.95	6,329,279	49869	17496	81.7	56.3	67.0
Sat, May 13, 2023	3537.14	1.10	6,270,249	54835	17611	78.6	57.4	66.0
Fri, May 12, 2023	3536.04	1.07	6,202,305	53643	17659	75.6	54.5	65.0
Thu, May 11, 2023	3534.97	1.05	6,136,635	52658	17566	76.3	54.7	64.0
Wed, May 10, 2023	3533.92	1.02	6,072,599	51468	17584	67.8	55.4	64.0
Tue, May 09, 2023	3532.90	1.09	6,010,777	53517	17553	80.1	54.1	64.0
Mon, May 08, 2023	3531.81	1.14	5,945,131	54796	17451	78.1	52.9	64.0
Sun, May 07, 2023	3530.67	1.20	5,876,944	56380	17373	75.6	50.7	64.0
Sat, May 06, 2023	3529.47	1.07	5,805,698	52079	17523	68.7	46.4	64.0
Fri, May 05, 2023	3528.40	0.95	5,742,625	48080	17568	67.5	46.4	64.0
Thu, May 04, 2023	3527.45	0.86	5,686,972	44949	17461	62.8	49.5	64.0
Averages of List	3534.43	1.07	6,106,817	53352	17579	75.2	54.7	64.8

Averages for May 18th

AVERAGE TYPE	ELEVATION	CHANGE	CONTENT	INFLOW (cfs)	OUTFLOW (cfs)	HIGH TEMP	LOW TEMP	WATER TEMP
Since Filled	3633.36	0.28	15,767,824	29398	14431	82.5	56.6	64.2
All-Time	3620.41	0.30	14,738,012	29150	13923	83.5	56.5	64.2

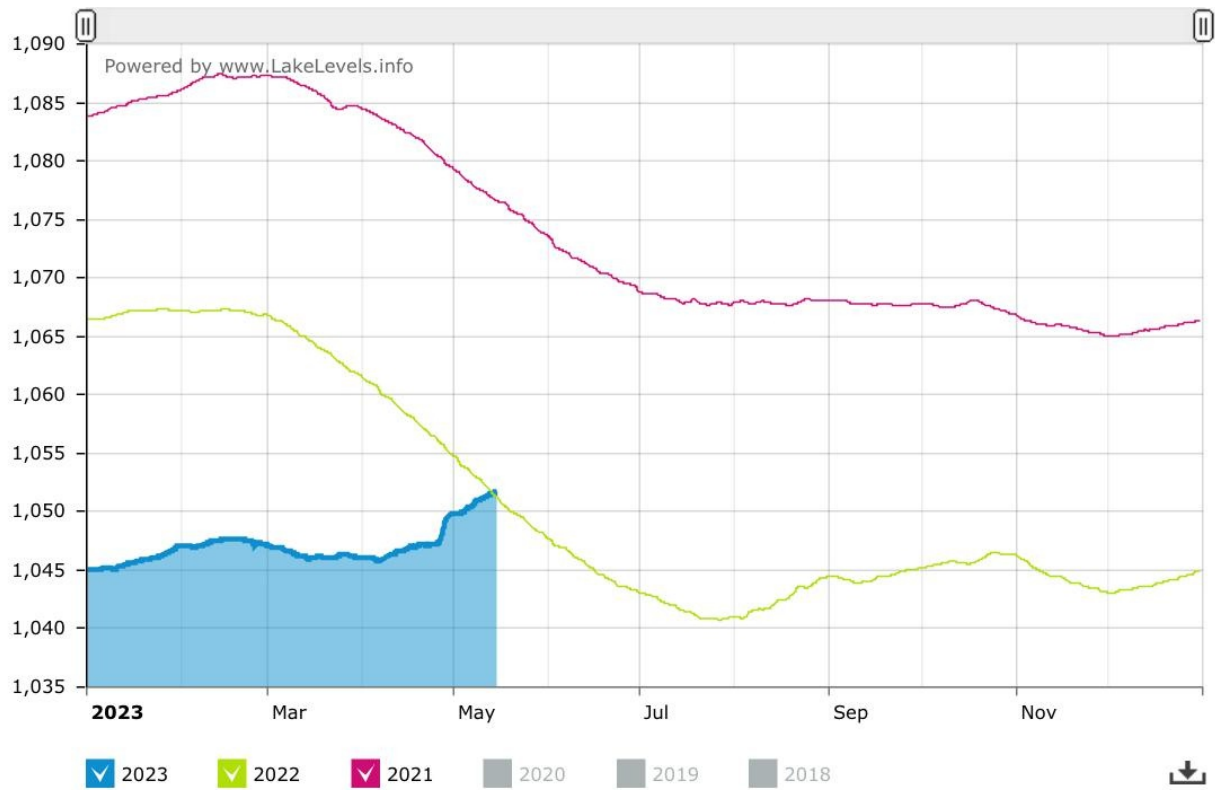
Last 10 May 18th's data records

DATE MEASURED	ELEVATION	TODAY vs THEN	CONTENT	INFLOW (cfs)	OUTFLOW (cfs)	HIGH TEMP	LOW TEMP	WATER TEMP
Wed, May 18, 2022	3526.05	15.56	5,991,268	25654	9963	90.0	68.0	66.0
Tue, May 18, 2021	3560.39	-18.78	8,352,724	7542	10958	86.0	58.0	66.0
Mon, May 18, 2020	3601.95	-60.34	11,937,082	20309	10420	89.0	64.0	65.0
Sat, May 18, 2019	3578.77	-37.16	9,834,531	29734	10853	73.0	44.0	63.0
Fri, May 18, 2018	3609.98	-68.37	12,728,287	21007	12318	82.0	55.0	65.0
Thu, May 18, 2017	3611.56	-69.95	12,887,968	45780	11099	61.0	39.0	60.0
Wed, May 18, 2016	3596.12	-54.51	11,383,632	37171	11830	71.1	52.0	64.0
Mon, May 18, 2015	3592.41	-50.80	11,040,086	23734	11844	70.0	52.0	63.0
Sun, May 18, 2014	3582.77	-41.16	10,178,697	20350	7182	91.0	68.0	61.0
Sat, May 18, 2013	3596.46	-54.85	11,415,450	21590	9440	75.0	60.1	66.0
Averages of List	3585.65	-44.04	10,574,973	25287	10591	78.8	56.0	63.9

Accessibility of Launch Ramps, Primitive Launches and Other Sites

As of Wednesday, May 17th, 2023 where elevation was 3541.61'

So far the water managers have favored re-filling Lake Powell so the improvement at Lake Mead has been minimal. Even so, the lake's water level is markedly improving against 2021 and 2022 levels.



LAKE MEAD LEVELS



**Conservation.
Another great
American pastime.**



Learn more at www.eocwd.com



SOCIAL MEDIA REPORT

To: David Youngblood, General Manager, EOCWD

From: Kailey Gaffikin, Account Executive, *Communications LAB*

Date: May 5, 2023

Re: Social Media Report // April 2023

SUMMARY REPORT

FACEBOOK

CURRENT PAGE FOLLOWERS

2,266

NEW PAGE LIKES

0

PAGE VISITS

40 +471.4%

PAGE REACH

63 +18.9%

INSTAGRAM

TOTAL FOLLOWERS

532

NEW FOLLOWERS

15 +650%

PAGE REACH

78 -8.2%

PROFILE VISITS

29 +163.6%

TOP SOCIAL MEDIA POSTS

Instagram

EOCWD EAST ORANGE COUNTY WATER DISTRICT
CONSTRUCTION ALERT:
NEWPORT AVE/WALNUT AVE

PROJECT BENEFITS:

- The new vault will be larger to facilitate maintenance activities and it will have improved access.
- A new meter, motorized isolation valve and controls will be added.

WHY IS THE PROJECT NEEDED?

This project will replace the vault and associated piping that is believed to have been constructed in the 1960s.

Visit the projects page on the EOCWD website for current information and project updates posted regularly:
www.eocwd.com/projects

Any More Questions? Contact Operations Manager, Jerry Mendler at 714-538-5815

WHAT TO EXPECT DURING CONSTRUCTION:

- All businesses are open during construction.
- Increased truck and construction traffic.
- One street lane will be closed 24 Hours per day during length of project.
- Additional street lanes may be restricted.
- Pedestrian access will be available.
- Open trench excavation.
- Noise, dust and vibrations.
- Neighborhood streets will remain open during construction.
- Signs will be posted if any temporary parking restrictions are necessary.

Construction Alert

Reach: 31

Engagements: 2

Facebook

EOCWD EAST ORANGE COUNTY WATER DISTRICT
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Construction Alert

Reach: 18

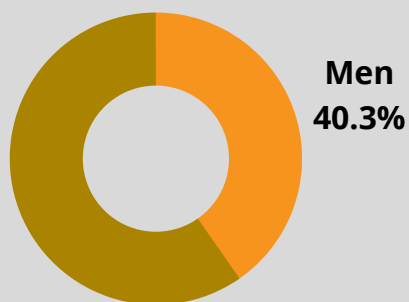
Engagement: 0

DEMOGRAPHIC | TARGET MARKET

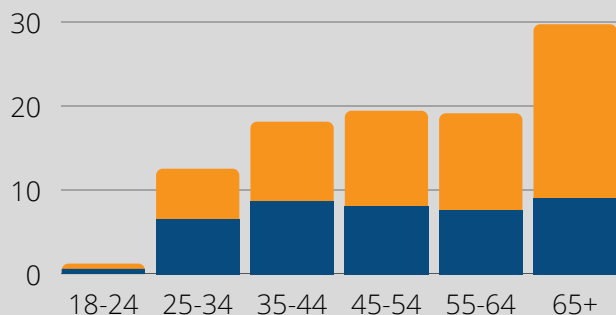
PAGE LIKES & FOLLOWERS (AGE & GENDER)

FACEBOOK PAGE FOLLOWERS

2,266



■ Men ■ Women



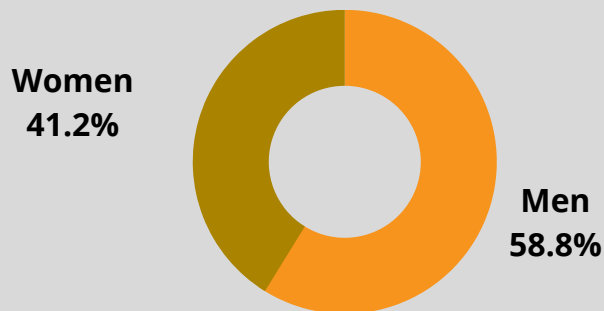
TOP DEMOGRAPHIC:

MEN (65+) - 8.8%

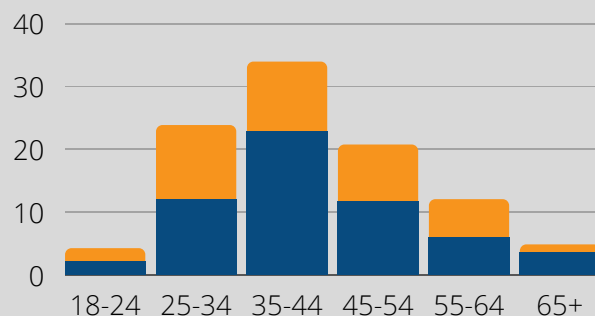
WOMEN (65+) - 20.1%

INSTAGRAM PAGE FOLLOWERS

532



■ Men ■ Women



TOP DEMOGRAPHIC:

MEN (35-44) - 23.8%

WOMEN (25-34) - 10.8%

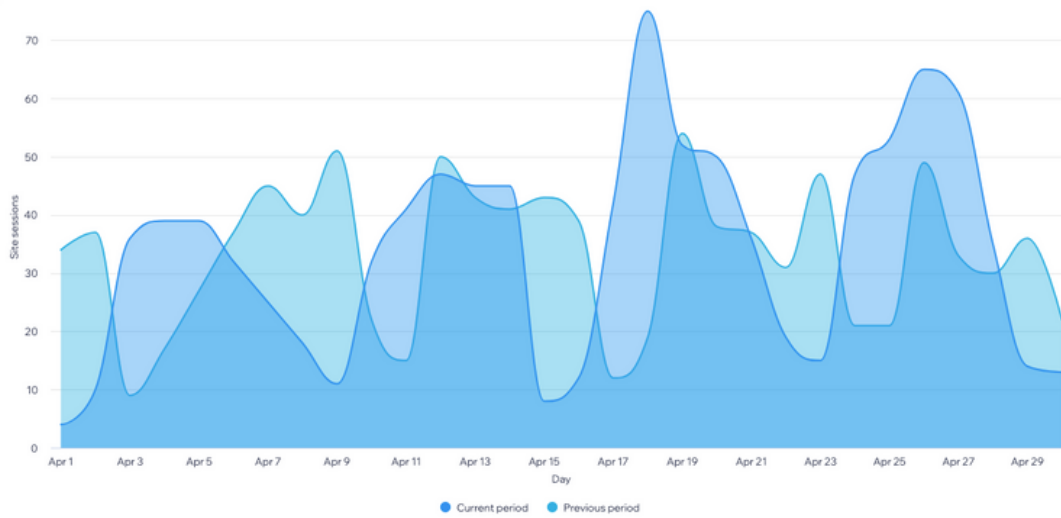
TOP CITIES (FACEBOOK)

- Los Angeles, CA 12.1%
- Santa Ana, CA 6.2%
- Orange, CA 5.5%
- Anaheim, CA 5.4%
- Long Beach, CA 3%

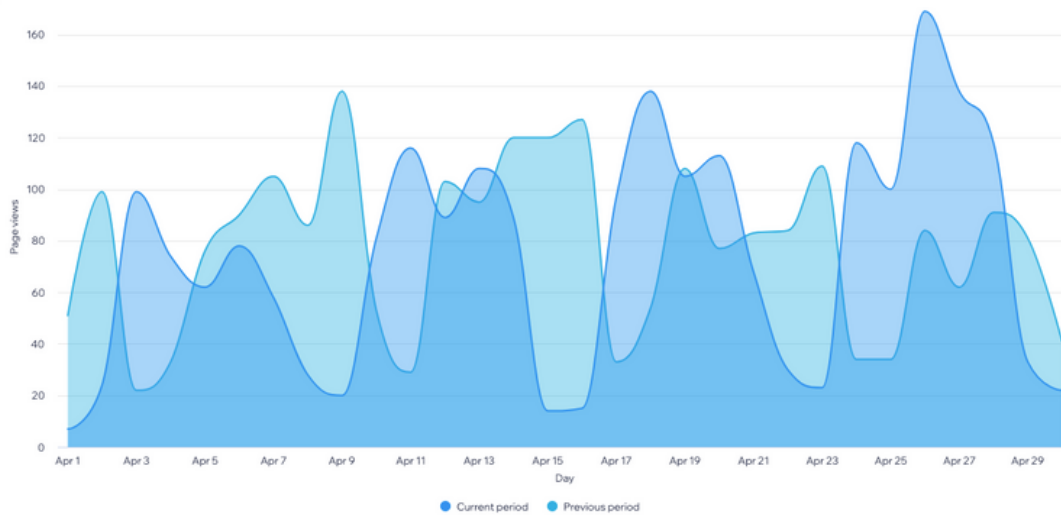
TOP CITIES (INSTAGRAM)

- San Diego, CA 3%
- Los Angeles, CA 2.4%
- Anaheim, CA 1.7%
- Long Beach, CA 1.7%
- Orange, CA 1.5%

TRAFFIC OVER TIME 4/1/23-4/30/23 v. 3/1/23-3/31/23



PAGE VIEWS 4/1/23-4/30/23 v. 3/1/23-3/31/23



TRAFFIC BY TIME OF DAY

Best time of day to schedule: Wednesday (1:00pm-2:00pm)

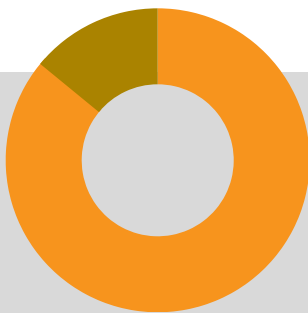
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
am	1	1	1	0	1	1	1
am	1	0	1	0	1	1	1
am	1	2	1	1	1	1	0
am	0	1	1	1	1	2	0
am	1	0	1	1	1	1	0
am	0	1	1	1	0	1	0
am	1	1	1	4	2	1	1
am	1	2	2	3	4	1	2
am	1	3	2	3	4	1	1
am	1	2	4	5	3	2	1
am	1	2	4	2	3	6	2
am	1	6	3	4	1	3	1
am	1	3	4	2	4	2	1
am	1	3	4	7	4	2	1
am	1	3	6	4	4	3	1
am	1	4	4	4	2	2	1
am	1	3	4	3	3	2	1
am	1	2	2	2	2	2	1
am	1	1	2	2	2	2	1
am	2	1	2	1	1	1	1
am	1	1	1	1	1	1	1
am	2	1	2	3	2	1	2
am	1	1	1	1	1	0	1
am	1	2	1	1	1	1	1

TOP TRAFFIC SOURCES BY SESSIONS

Sessions ▼ by traffic source ▼ ⓘ

Google	↓ 7%	542
Direct	↑ 16%	369
Bing	↓ 2%	45
DuckDuckGo	↑ 83%	11
acwa.com	↑ 125%	9

Returning
109



New
666

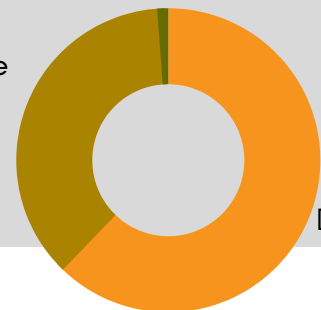
NEW VS. RETURNING VISITORS

775 UNIQUE VISITORS

1,021 SITE SESSIONS

Mobile
374

Tablet
12



Desktop
635

SESSIONS BY DEVICE

OVERVIEW

SITE SESSIONS

1,021

UNIQUE VISITORS

775

AVG. SESSION DURATION

3M 9S