

AGENDA

EAST ORANGE COUNTY WATER DISTRICT (EOCWD)

Thursday, December 19, 2024
East Orange County Water District
185 N. McPherson Road, Orange CA 92869

2:00 p.m.

Members of the public shall be permitted to speak in-person as to both agendized and non-agendized items. Those wishing to speak may 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 60 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. Administration of the Oath of Office
- 3. Election of Officers
 - Election of President
 - Election of Vice-President
- 4. 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: Determine by motion 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.
- 5. Public Communications to the Board: Opportunity for members of the public to comment on agendized and non-agendized 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 verbally indicate their desire to speak during this item shall be afforded an opportunity to address the Board. At the discretion of the Board President, comments on a particular agendized item may be deferred until that item is heard.



CONSENT CALENDAR (Items 6-13) 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.

- 6. Minutes of Regular Board Meeting Held October 24, 2024 Recommendation: Approve minutes as presented.
- 7. General Manager's Report

Recommendation: Receive and File.

- 8. Wholesale and Retail Water Usage Report Recommendation: Informational.
- 9. Schedule of Disbursements

Recommendation: Informational.

10. Financial Statements

Recommendation: Receive and File.

11. Salary Schedule Adjustments

Recommendation: Adopt Resolution 948.

12. Manhole Adjustment Contract

Recommendation: Approve contract for \$91,500 to RJ Noble.

13. CalOES and US EPA Grants Authorized Agent

Recommendation: Adopt Resolution 949.

MATTERS FOR CONSIDERATION

14. Board Vacancy - Division 4

Recommendation: Determine that position will be filled by appointment

15. Retail System Loan

Recommendation: Adopt Resolution 950.

16. Investment Balance Adjustments

Recommendation: Informational.

17. Sewer System Master Plan Award

Recommendation: Approve Professional Services Award to Dopudja & Wells.

18. Updates to Local Hazard Mitigation Plan (LHMP), Risk and Resilience Assessment (RRA), and Emergency Response Plan (ERP)

Recommendation: Approve contract with Herdon Solutions Group for \$137,486.



19. Circula Panorama Pipeline

Recommendation: Approve final change order and filing of notice of completion.

MISCELLANEOUS ITEMS

20. Monthly Legislative & Outreach Report Recommendation: Receive and File.

21. 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)

ADJOURNMENT

Adjourning to the next Regular Meeting scheduled for **January 23, 2025**, at 5:00 p.m., at East Orange County Water District, 185 N. McPherson Orange, CA 92869 or as noticed pursuant to findings of the Board.

<u>Availability of agenda materials</u>: 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.

<u>Disability-related accommodations</u>: 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)

October 24, 2024

1. <u>Call to Order</u>. A Regular Meeting of the Board of Directors of the East Orange County Water District was held at the District Office, located at 185 N. McPherson Road in the City of Orange, California, was called to order by President DOUGLASS DAVERT at 5:00 p.m. on Thursday, October 24, 2024, with Director SEARS leading the Pledge of Allegiance. JEFFREY FREY of ATKINSON, ANDELSON, LOYA, RUUD & ROMO, 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

General Manager

Engineering Manager

Operations Manager

Office Manager

JEFF FREY Acting District Secretary and Legal Counsel

HON. JOHN LEWIS Lewis Consulting

CHERYL KAYE Cheryl Kaye Design Studio

Other staff and members of the public may have attended in-person that are not listed above.

2. 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.

3. Public Communications to the Board. None.

<u>Consent Calendar</u>. President DAVERT pulled Item No. 9 from the Consent Calendar. With respect to the balance of the Consent Calendar, the Board, on motion by SEARS, duly seconded, approved the Consent Calendar by unanimous vote as follows:

- **4. Minutes:** THE MINUTES OF THE SEPTEMBER 26, 2024 REGULAR MEETING OF THE BOARD WERE APPROVED AS SUBMITTED;
- **5. General Manager's Report:** THE BOARD RECEIVED AND FILED THE GENERAL MANAGER'S REPORT;
- **6.** Wholesale and Retail Water Usage Report: THE BOARD RECEIVED AND FILED THE WHOLESALE AND RETAIL WATER USAGE REPORT;



- **7. Schedules of Disbursements:** THE BOARD APPROVED THE SCHEDULE OF DISBURSEMENTS AS SUBMITTED:
- **8. Financial Statements:** THE BOARD RECEIVED AND FILED THE FINANCIAL STATEMENTS:
- 10. Barrett Pump Station Final Acceptance: THE BOARD ACCEPTED THE CONSTRUCTION OF THE BARRETT PUMP STATION AND AUTHORIZED THE GENERAL MANAGER TO RECORD A NOTICE OF COMPLETION;
- 11. Circula Panorama Customer PRV Installation Final Acceptance: THE BOARD ACCEPTED THE CONSTRUCTION OF THE CIRCULA PANORAMA CUSTOMER PRV AND AUTHORIZED THE GENERAL MANAGER TO RECORD A NOTICE OF COMPLETION; and
- **12.** Wholesale Zone (WZ) and Retail Zone (RZ) Master Plan Award: THE BOARD AWARDED A PROFESSIONAL SERVICES AGREEMENT IN AMOUNT OF \$278,655 TO DUPUDJA & WELLS FOR THE PREPARATION OF A WZ AND RZ MASTER PLAN.

The Board then considered Item No. 9 on the Consent Calendar separately as follows

9. District Headquarters Final Acceptance. General Manager Youngblood discussed the investment in the property at the engineering committee meeting, highlighting that \$2 million was spent on the site and \$5.2 million on the building, with an additional \$1.5 million for construction management and materials. General Manager Youngblood introduced Cheryl Kaye, the interior designer for the building, for her significant contributions. The final acceptance action also included granting an easement to the City of Orange for fire access purposes.

General Manager Youngblood reminded the Board that despite initial challenges, the project was completed on time, transforming a patch of dirt into a finished building. The collaboration with the City of Orange was crucial, and the project exceeded expectations.

<u>ACTION TAKEN:</u> The Board, on motion by NIESEN, seconded by MURDOCH, by unanimous vote accepted the construction of the District Administrative Building and authorized the General Manager to record a Notice of Completion, issue final payment to the Contractor, and execute a fire access easement to the City of Orange.



Matters for Consideration.

13. Monthly Legislative & Outreach Report. Hon John Lewis presented an oral update on his report, noting Supervisor Andrew Do's plea and providing an election polling update on federal, State, and local elections. Vice-President MURDOCH also referenced the Townsend report, wherein it discussed the Sites Reservoir Project prevailing in CEQA litigation such that it can proceed to a groundbreaking in the near future.

<u>ACTION TAKEN</u>: The Board, on motion from MURDOCH, seconded by THOMS, unanimously voted to receive and file the reports.

14. Association of California Water Agencies (ACWA) Voting Representative. President DAVERT introduced the item and brought a motion.

<u>ACTION TAKEN</u>: The Board, on motion from DAVERT, seconded by SEARS, by unanimous vote designated Vice-President MURDOCH as EOCWD's voting representative at ACWA Fall Conference.

15. Conference and Meeting Requests. General Manager Youngblood referenced the upcoming Urban Water Institution (UWI) Conference in February 2025.

<u>ACTION TAKEN</u>: The Board, on motion duly seconded, by unanimous vote approved the attendance of all Board members of the UWI Conference.

Miscellaneous Items.

16. 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

7/25 EOCWD Regular Board Meeting

8/13 ACWA Region 9 Event

Vice President Murdoch

7/9 A.C.E. Subcommittee

7/25 EOCWD Regular Board Meeting

8/21-8/23 Urban Water Institute Conference, San Diego

Director Sears

7/7 Water Advisory Committee of Orange County (WACO)

7/25 ISDOC Quarterly Luncheon7/25 EOCWD Regular Board Meeting

8/2 Water Advisory Committee of Orange County (WACO)

8/21-/23 Urban Water Institute Conference, San Diego



Director Thoms

7/7 Water Advisory Committee of Orange County (WACO)

7/25 EOCWD Regular Board Meeting

8/2 Water Advisory Committee of Orange County (WACO)

8/20-8/23 Urban Water Institute Conference, San Diego

8/28 ACWA Water Quality Committee

Director Nielsen

7/25 EOCWD Regular Board Meeting

8/21-8/23 Urban Water Institute Conference, San Diego

President DAVERT commented on the success in the litigation with Irvine Ranch Water District (IRWD), noting that the litigation was now over. Director SEARS noted that he saw an article on the litigation.

Director SEARS presented an overview of the October 4, 2024 WACO meeting, including a presentation relative to the County of Orange Private Action Plan, including measuring and recycling greenhouse gas emissions.

Adjournment.

The Board adjourned the meeting at approximately 5:16 p.m. to the next Regular Meeting of the Board of Directors to be held on **Thursday, December 19, 2024,** at 5:00 p.m., at the District Office located at 185 North McPherson, Orange, California, 92869.

Respectfully submitted,

Jeffrey A. Hoskinson



MEMO

TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: GENERAL MANAGER'S REPORT

DATE DECEMBER 19, 2024

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

December 2024

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

SEWER

1) ID1 Update

Activities & Accomplishments for October and November include:

Activities

- Completed Groups 10 and 11 cleaning (see attached reports).
- Reviewed applications for sewer permits.
- Completed monthly siphon cleaning.
- · Completed monthly hot spot cleaning.
- Completed CCTV inspections.
- Completed 18 FSE Inspections in October.
- Completed 483 Dig Alert tickets in October and 396 in November.
- Ordered misc. sewer supplies and tools.
- Performed Spill Emergency Response Plan training (on going).
- Provided training to water staff on use of combo trucks (on going).

EOCWD Sewer Spills - None to report for October or November

Private Sewer Spills - None to report for October or November

Permits:

Update

Nine (9) permits were issued in October; four (4) permits for ADUs, two (2) in the unincorporated area and two (2) in the City of Tustin; two (2) permits for new SFRs with ADUs, both in the unincorporated area; one (1) permit for a septic to sewer and a new ADU; one (1) permit for an SFR remodel, and one (1) permit for a MFR development in the City of Tustin.

WHOLESALE ZONE

1) WZ Water Demands

See attachment.

2) Water Quality Update

On September 6, 2023, Metropolitan Water District of Southern California (MWD) provided a water quality notice informing member agencies that the Diemer plant service area was experiencing nitrification. To address this MWD implemented several operational changes at the Diemer plant which included raising plant effluent pH, maintaining a plant effluent total chlorine residual of 2.7 mg/L, and minimizing free ammonia leaving the plant. In addition, the source water blend for the

Diemer plant was lowered from approximately 80 percent State Water Project (SWP) to 25 percent.

Once MET made the changes described above, staff was able to see significant improvements in water quality throughout the WZ system.

Update: Water quality throughout the system remains good. No issues to report.

3) WZ Connection Permits

Six (6) permits were issued in the month of October; three (3) permits in the unincorporated area and three (3) permits in the City of Tustin.

RETAIL ZONE

1) Water Demand – see attachments

2) <u>East Orange DroughtReach™ Program</u>

Update: RZ Demand in October 2024 was 73 acre feet compared to 77 acre feet in 2023. RZ Demand in November 2024 was 65 acre feet compared to 62 acre feet in 2023. Water efficiency messaging continues through social media and print media (Foothill Sentry).

3) Well / Booster Station Operations

On June 25, 2024, EOCWD resumed delivery of groundwater to the retail water system. The District has not served any groundwater to this point since May of 2019. Going forward, one-hundred percent of retail system demands will be met using groundwater at least until the end of 2024. The current basin pumping percentage is 85%.

Well Levels – Update: Water levels have continued to decline over the last 2 months as shown on the attached graph. The pumping water level for the East Well in November was 237 feet BGS (below ground surface) while the VanderWerff Well pumping water level was 246 feet BGS. Please note that the VanderWerff Well continues to pump 24/7 at a flow rate between 1,000 and 1,400 gpm. Historically pumping water levels have been as low as 297 feet BGS back in July 2014).

4) Circula Panorama Pipeline Conversion (Zone 3 to 2) and Replacement Project

Update: The project is complete.

5) 6MG Reservoir Replacement Project

Update: CalOES notified staff that HMGP grant funding, in the amount of \$1.5M has been approved for Phase 1 – Design of the Peters Canyon Reservoir Seismic Reconstruction Project. A kickoff meeting with CalOES is scheduled in December. Procurement of a design consultant will follow.

6) System Leaks

On July 11, staff repaired a mainline leak on Marcy Drive which was discovered by staff early in the week as a damp spot in the pavement. A repair clamp was installed on the 8" ac pipe which had a circumferential crack. Service was not interrupted to any customers. The cause of the leak was ground movement.

On July 29th, staff was notified by a resident of a possible leak on Cresthaven Lane. Upon further investigation, staff determined that there was a leak on a tee connection at the south end of

Cresthaven Lane which interrupted service to 5 residents. Staff excavated, removed and replaced the push-on tee connection with a restrained system. The cause of the leak was ground movement.

On August 27th, a resident reported a possible leak at Fairhaven Extension and Via Aventura. Upon investigating, staff determined that there was a leak on the existing 1" plastic service line. A new copper service was installed.

On September 14th, the standby operator received a call from a resident of a possible leak at Charmaine Lane. Staff found that the 6" water main on Charmaine Lane had a circumferential crack most likely caused by earth movement.

Staff was able to install a repair clamp without disrupting water service to the residents.

On October 22nd, the contractor working on the zone 3 to 2 project accidently broke the existing six inch water main along Circula Panorama. Staff was able to quickly shutdown the main which was scheduled to be abandoned later that day. Contractor performed cleaned up.

7) Water Availability Request/Connection Permits

No permits were issued in October.

8) Monthly WZ & RZ Operations Activities

- Verified new prv settings for zone 2 pressure conversion.
- Exercised mainline valves.
- Performed shutdown test for zone 3 to 2 project.
- Performed planned shutdowns in the retail zone for the Zone 3 to project.
- Hydrant flushing.
- Door tagged and performed 2 planned water outages to enable contractor to perform tie-ins for the Zone 3 to 2 project.
- Met with SCADA integrator to review phase 2 project.
- Attended meetings for Zone 2 to Zone 3 project.
- Ordered misc. tools, parts, and materials for water and sewer departments.
- Completed Dig Alerts.
- Met with AMI vendors.
- Monitored daily operations of treatment plant, 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. <u>District Headquarters Building Replacement</u>

Update: The AQMD permit for the emergency backup generator has been received and installation of the generator is in progress.

B. Pandemic Response (COVID-19) Plan

No Update.

C. Public Safety Power Shutoff (PSPS)

No Update.

D. Field Maps

Please see the attached Field Maps 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

No Update.

F. Safety

Update: Staff completed training on the following topics during the month of October and November:

- Incident Reporting
- Lock out / Tag out
- Diesel Exhaust Dangers
- Flagger Training
- Back Injury Prevention
- Ladder Safety
- Stretching Pros and Cons
- Snakes in the work place
- Asbestos Dangers
- Power Tool Safety
- Lifting and Rigging
- Muddy Work Areas
- Hazardous Atmospheres
- Radio Communication
- Emergency Eye Wash and Deluge Showers

G. Engineering & Operations Committee

The November 14, 2024 meeting minutes are attached.

H. Administrative & Finance Committee

The meeting for November was cancelled.



Monthly Sewer Asset Report

October 2024

As of: 11/8/2024

Sewer Gravity Main Work		FOG Work		
Workflow	Sum of reclength	Workflows Completed	Workflow	Workflows Completed
CCTV Inspection	5,007	25	BMP GRE Inspection	4
Main Cleaning	154,477	671	BMP GRE Violation Follow-up	0
Main Lining	0	0	BMP Inspection	6
Main Repair	0	0	BMP Violation Follow-up	0
Main Replace	0	0	FOG Permitting	0
Managers Form	0	0	GRE Inspection	1
Pipe Edit	0	0	GRE Violation Follow-up	0
Root Foaming	0	0	Initial Inspection	7
Total		696	Other Entity Inspection	0
			Private Sewer Investigation	0
			Total	18

caseme	ent work
Workflow	Workflows
WORKHOW	Completed
	•

Easement Edit 0
Easement Inspection 0
Total 0

Lateral	W	ork

Lateral Work	
Workflow	Workflows
WORKHOW	Completed
Lateral Connection Edit	0
Lateral Connection Rehab	0
Total	0

Water Hydrants				
Workflow		Water Used in Gallons	Water Used in CCF	
Hydrant Meter Read	5	24,000	32	

460

Manhole Work		
Workflow	Workflows Completed	
Manhole Edit	0	
Manhole Inspection	459	
Manhole Rehab	1	
Manhole Repair	0	
Roach Spray	0	
SSO Report	0	

Total

SSO Report		
Spill Date and Time	Spill Size	Spill Recovered

No Spills



Monthly Water Asset Report

October 2024

As of: 11/8/2024

Valves

Meter Work		
Workflow	Work Completed	
Broken Meter Box	10	
Meter Changeout	4	
Meter Connect	0	
Meter Disconnect	1	
Meter Investigation	0	
Meter Leak	0	
Meter Read	0	
Meter Re-read	0	
Grand Total	15	

Hydrant Work		
Workflow	Work Completed	
Dead End Flushing	0	
Fire Flow Test	0	
Hydrant Flushing	18	
Hydrant Installation	0	
Hydrant Maintenance	0	
Hydrant Meter Install	0	
Hydrant Meter Read	0	
Hydrant Meter Removal	0	
Grand Total 18		

Facilities Work		
Workflow	Work Completed	
Andres Reservoir Site	6	
Barret Reservoir Site	1	
Final Read	0	
Maintenance	0	
McPherson Site	0	
Newport Reservoir Site	3	
Peters Canyon Reservoir Site	2	
PFAS Treatment Plant	0	
Repairs	0	
Reservoir Cleaning	0	
Tank Inspection	0	
Vista Panorama Reservoir Site	0	
Well Meter Read	0	
Grand Total 12		

Asset	oduction Met	ers Asset
	Production Meter Work	

Workflow	Work Completed
Production Meter Changeout	0
Production Meter Maintenance	0
Production Meter Repair	0
Production Meter Test	0
Grand Total	0

valve work		
Workflow	Work Completed	
Main Line Shut Down	0	
Valve Exercise	38	
Valve Repair/Replace	0	
Grand Total	38	

Pump Work	
Workflow	Work
Workilow	Completed
Pump and Motor Inspection	0
Pump and Motor Maintenance	0
Grand Total	0

Sample Work		
Workflow	Work Completed	
In-House WQ Data	79	
Grand Total	79	

Lateral Work			
Workflow Complete			
Lateral Inspection	0		
Lateral Leak	1		
Grand Total	1		
% of LCRR Goal Reached	100.0%		

Monthly Customer and Locate Work Report, for the Month

October 2024

As of: 11/8/2024

Customer Work Work Workflow Completed **Construction Inspection** 1 Justin Davis 1 **Customer Door Tag** 5 Brayden Bonnell 2 Jason Thorsell 0 3 Matt Plummer **Customer High Water Bill Investigation** 1 Jason Thorsell 1 Matt Plummer 0 **Customer Investigation** 0 Hermilo Mondragon 0 Oliver Mercado 0 0 sewer1 2 **Customer Leak** Jason Thorsell 2 Jerry Mendzer 0 **Matt Plummer** 0 **Customer Task or Investigation** 2 Brayden Bonnell 1 Jason Thorsell 1 Matt Plummer 0 **Customer Water Pressure Investigation** 1 Brayden Bonnell 1 **Matt Plummer** 0 **Customer Water Quality Investigation** 0 **Matt Plummer** 0 Water Pressure Investigation 0 Brayden Bonnell 0 Jason Thorsell 0 **Grand Total** 12

DigTicket Work

Workflow	Work Completed	
Tickets completed by Sewer	483	
Tickets completed by Water	39	
Grand Total	522	





Monthly Sewer Asset Report

November 2024

As of: 12/6/2024

Sewer Gravity Main Work		FOG Work		
Workflow	Sum of reclength	Workflows Completed	Workflow	Workflows Completed
CCTV Inspection	8,317	33	BMP GRE Inspection	0
Main Cleaning	108,946	447	BMP GRE Violation Follow-up	0
Main Lining	0	0	BMP Inspection	0
Main Repair	0	0	BMP Violation Follow-up	0
Main Replace	0	0	FOG Permitting	0
Managers Form	0	0	GRE Inspection	0
Pipe Edit	0	0	GRE Violation Follow-up	0
Root Foaming	0	0	Initial Inspection	0
Total		480	Other Entity Inspection	0
			Private Sewer Investigation	0
			Total	0

Easement V	Nork
Workflow	Workflows Completed
Easement Edit	0
Easement Inspection	0

Total

Lateral W	ork
Workflow	Workflows Completed
Lateral Connection Edit	0
Lateral Connection Rehab	0
Total	0

Water Hydrants					
Workflows Water Used Workflow Completed in Gallons Water Used in CCF					
Hydrant Meter Read	1	1,500	2		

Manhole Work				
Workflow	Workflows Completed			
Manhole Edit	1			
Manhole Inspection	294			
Manhole Rehab	0			
Manhole Repair	1			
Roach Spray	0			
SSO Report	0			
Total	296			

SSO Report			
Spill Date and Time	Spill Size	Spill Recovered	

No Spills



Monthly Water Asset Report

November 2024

As of: 12/6/2024

Valves

Meter Work	
Workflow	Work Completed
Broken Meter Box	1
Meter Changeout	0
Meter Connect	2
Meter Disconnect	5
Meter Investigation	0
Meter Leak	0
Meter Read	3
Meter Re-read	0
Grand Total	11

Hydrant Work	
Workflow	Work Completed
Dead End Flushing	0
Fire Flow Test	0
Hydrant Flushing	15
Hydrant Installation	0
Hydrant Maintenance	32
Hydrant Meter Install	0
Hydrant Meter Read	0
Hydrant Meter Removal	0
Grand Total	47

Facilities Work	
Workflow	Work Completed
Andres Reservoir Site	0
Barret Reservoir Site	1
Final Read	0
Maintenance	0
McPherson Site	0
Newport Reservoir Site	0
Peters Canyon Reservoir Site	1
PFAS Treatment Plant	0
Repairs	0
Reservoir Cleaning	0
Tank Inspection	0
Vista Panorama Reservoir Site	0
Well Meter Read	0
Grand Total	2

Asset	oduction Meters Asso	et
	Production Meter Work	

Workflow	Work
	Completed
Production Meter Changeout	0
Production Meter Maintenance	0
Production Meter Repair	0
Production Meter Test	0
Grand Total	0

Valve Work	
Workflow	Work
	Completed
Main Line Shut Down	1
Valve Exercise	65
Valve Repair/Replace	0
Grand Total	66

Pump Work		
Workflow	Work	
	Completed	
Pump and Motor Inspection	0	
Pump and Motor Maintenance	0	
Grand Total	0	

Sample Work	
Workflow	Work Completed
In-House WQ Data	61
Grand Total	61

Lateral Work	
Workflow	Work Completed
Lateral Inspection	0
Lateral Leak	0
Grand Total	0
% of LCRR Goal Reached	100.0%

Pressure Reducing Station Work

Workflow	Work Completed
Pressure Reducing Station Maintenance	0
Grand Total	0

Water Distribution Line Work

Workflow	Work
	Completed
Main Leak Report	0
Water Main Repair	0
Grand Total	0

Air Vac Work

Workflow	Work Completed
Air Vac Maintenance	0
Grand Total	0
Grand Total	0



Monthly Customer and Locate Work Report, for the Month

November 2024

As of: 12/6/2024

Customer Work Work Workflow Completed **Construction Inspection** 1 Brayden Bonnell **Justin Davis** 1 5 **Customer Door Tag** Brayden Bonnell 0 0 Jason Thorsell Matt Plummer 5 **Customer High Water Bill Investigation** 1 Jason Thorsell 0 Matt Plummer 1 **Customer Investigation** 3 Brayden Bonnell 1 Hermilo Mondragon 1 Matt Plummer 1 Oliver Mercado 0 sewer1 0 **Customer Leak** 0 Jason Thorsell 0 Jerry Mendzer 0 **Matt Plummer** 0 **Customer Task or Investigation** 0 Brayden Bonnell 0 Jason Thorsell 0 **Matt Plummer Customer Water Pressure Investigation** 2 Brayden Bonnell 0 **Matt Plummer** 2 **Customer Water Quality Investigation** 2 Jason Thorsell 2 Matt Plummer 0

DigTicket Work

Workflow	Work Completed
Tickets completed by Sewer	396
Tickets completed by Water	24
Grand Total	420

Minutes of the Engineering & Operations Committee November 14, 2024

1. The meeting was called to order at 9:01 a.m. by Director Murdoch.

The following Directors attended the meeting: Director Murdoch and Director Thoms. Also present at the meeting were: David Youngblood – General Manager, Jeff Smyth – Engineering Manager, Jerry Mendzer – Operations Manager, Sylvia Prado – Office Manager and Kari Schumaker, Sunkist Solutions.

- 2. No public comments were received.
- 3. No additional items were added to the agenda.

Informational Items

- 4. Retail Zone (RZ) Well Levels, System Status, and Water Use Staff provided a status of the Circula Panorama Pipeline and AMI meter replacement projects. Staff informed the Committee groundwater levels are trending downward and Retail Zone demands totaled 162 acft, with 72 acft supplied to the Retail Zone and 90 acft supplied to the City of Tustin. Director Murdoch inquired if the District needed to take any action with the State adopted "Making Conservation a California Way of Life" regulation. Staff explained that while the regulation did not apply due to the small size of the Retail Zone, the District will continue conservation efforts.
- 5. Wholesale Zone (WZ) System Status and Water Use Staff provided a status of the Phase 2 SCADA Project and informed the committee regarding SCE PSPS events. Director Murdoch inquired about policies regarding moving water outside the District's service area. Staff responded with information regarding the Wholesale Zone boundary and coordination with OCWD.
- 6. Sewer System Status and Permit Reports Staff informed the committee there were no sewer spills in October. Staff also provided information regarding direct connections to OCSAN within the service area and challenges implementing OCSAN's policy requiring customers to disconnect from OCSAN and reconnect to EOCWD through the permitting process.
- 7. District Office Power Staff presented the item to the Committee.
- 8. Hazard Mitigation Plan, Risk Assessment, and Emergency Plan Update Staff presented the item to the Committee and Kari Schumaker, the Districts grant consultant, provided additional detail regarding the proposal review. Director Thoms added information regarding the previous Hazard Mitigation Planning and the advisory committee. Director Murdoch requested staff look into opportunities for FEMA funding to assist with retail reserves.

Action Items

- 9. Sewer Master Plan and Management Plan Award Staff presented the item to the Committee. Director Murdoch inquired about how the State adopted "Making Conservation a California Way of Life" regulation will affect the sewer system. Staff will direct the master plan consultant to evaluate the impact. The Committee supported staff's recommendation to present the item to the Board for award.
- 10. Adjournment at 10:15 a.m.



MEMO

TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: WHOLESALE AND RETAIL WATER USAGE REPORT

DATE DECEMBER 19, 2024

Background

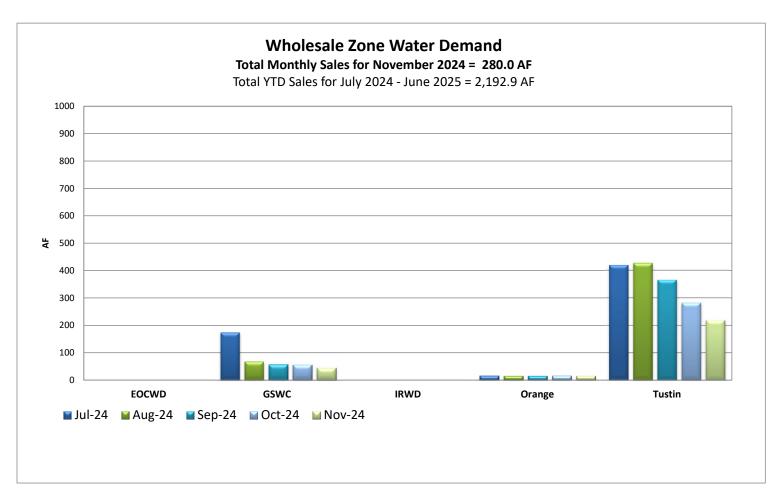
Monthly report on wholesale and retail water usage for the month of October & November.

Recommendation

Informational.

Attachment(s): Wholesale and Retail Usage Reports

East Well Levels Report



EOCWD IMPORTED WATER DELIVERY BALANCE - FY23/24

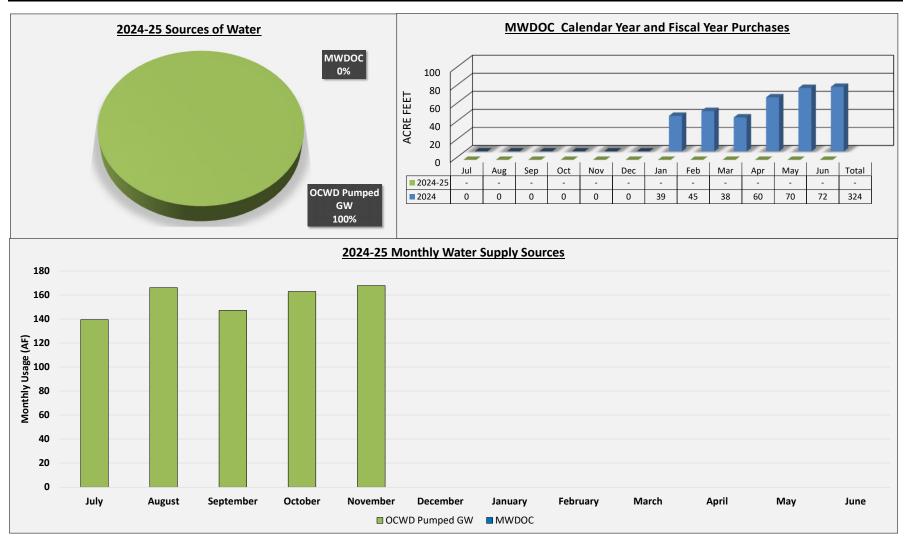
(Acre-feet)

(71010 100	•/															
	OC-43		0	C-48				0	C-70			T	OTAL DELI	VERIES B	Y AGENCY	
	MWD	Retail	Golden		MWD	IRWD		Retail	Golden		MWD	IRWD		Retail	Golden	
	Tustin	Zone	State	Tustin	Total	Jamboree	Orange	Zone	State	Tustin	Total	OPA	Orange	Zone	State	Tustin
JUL	224.2	0.0	9.4	172.5	181.9	0.0	16.0	0.0	164.0	23.2	203.2	0.0	16.0	0.0	173.4	419.9
AUG	197.1	0.0	0.8	173.0	173.8	0.0	14.8	0.0	67.7	56.6	139.1	0.0	14.8	0.0	68.5	426.7
SEP	136.8	0.0	0.0	178.6	178.6	0.0	14.8	0.0	57.6	50.4	122.8	0.0	14.8	0.0	57.6	365.8
OCT	106.2	0.0	0.0	135.8	135.8	0.0	16.0	0.0	57.0	40.4	113.4	0.0	16.0	0.0	57.0	282.4
NOV	93.1	0.0	0.0	95.7	95.7	0.0	15.1	0.0	45.6	30.5	91.2	0.0	15.1	0.0	45.6	219.3
DEC												0.0	0.0	0.0	0.0	0.0
JAN												0.0	0.0	0.0	0.0	0.0
FEB												0.0	0.0	0.0	0.0	0.0
MAR												0.0	0.0	0.0	0.0	0.0
APR												0.0	0.0	0.0	0.0	0.0
MAY		•	·								·	0.0	0.0	0.0	0.0	0.0
JUN		•	·								·	0.0	0.0	0.0	0.0	0.0
Total	757.4	0.0	10.2	755.6	765.8	0.0	76.7	0.0	391.9	201.1	669.7	0.0	76.7	0.0	402.1	1714.1

East Orange County Retail Zone Overview of Usage

FY 2024-25 Monthly Water Use

Type of Supply	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWDOC	-	-	-	-	-	-	1	-	-	1	-	-	-
OCWD Pumped GW	139.5	166.1	147.2	162.9	167.9	-	1	-	-	1	-	-	784
Total	140	166	147	163	168		•	-	-	•		-	784
2024 MWDOC Usage	0	0	0	0	0	0	39	45	38	60	70	72	324





Annual Water Usage

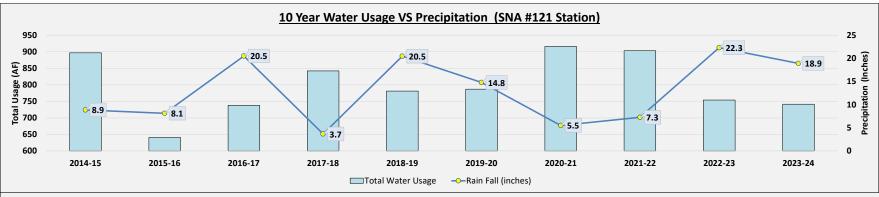
Type of Supply	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	Average
MWDOC	250.7	172.1	190.2	602.1	340.0	781.8	916.4	903.3	753.9	715.3	562.6
OCWD Pumped GW	646.3	468.8	547.8	240.2	441.3	5.2	0.0	0.0	0.0	26.3	237.6
Total	897	641	738	842	781	787	916	903	754	742	800

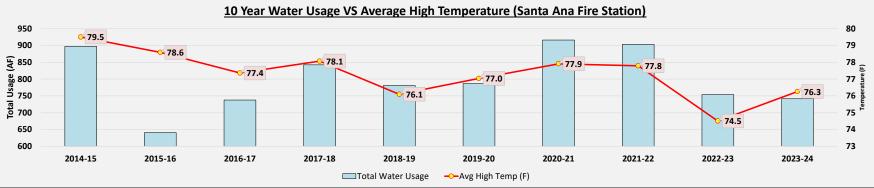


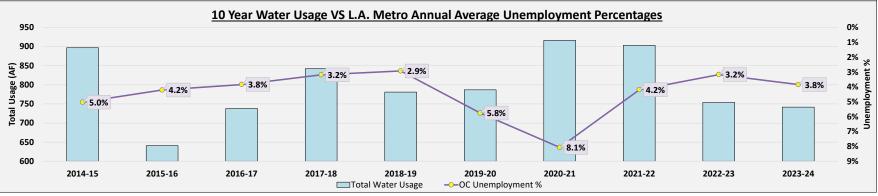


Water Usage Variables

Type of Supply	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	Average
Rain Fall (inches)	8.9	8.1	20.5	3.7	20.5	14.8	5.5	7.3	22.3	18.9	13.0
Avg High Temp (F)	79.5	78.6	77.4	78.1	76.1	77.0	77.9	77.8	74.5	76.3	77.3
OC Unemployment %	5.0%	4.2%	3.8%	3.2%	2.9%	5.8%	8.1%	4.2%	3.2%	3.8%	4.4%
Total Water Usage	897	641	738	842	781	787	916	903	754	742	800









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
2018-19 Usage	87	98	77	81	60	70	53	49	45	67	71	84	842
2019-20 Usage	107	99	85	73	62	40	47	29	43	61	59	77	781
2020-21 Usage	82	87	86	83	68	46	47	56	38	52	67	76	787
2021-22 Usage	90	99	93	90	74	68	62	54	43	64	84	95	916
2022-23 Usage	100	102	89	76	73	48	55	62	69	72	78	79	903
2023-24 Usage	84	87	81	68	57	53	39	45	38	60	70	72	754
Average of Last 6 FYs	92	96	85	79	66	54	51	49	46	63	72	80	831
Monthly Usage Percentage	11%	12%	10%	9%	8%	7%	6%	6%	6%	8%	9%	10%	100%

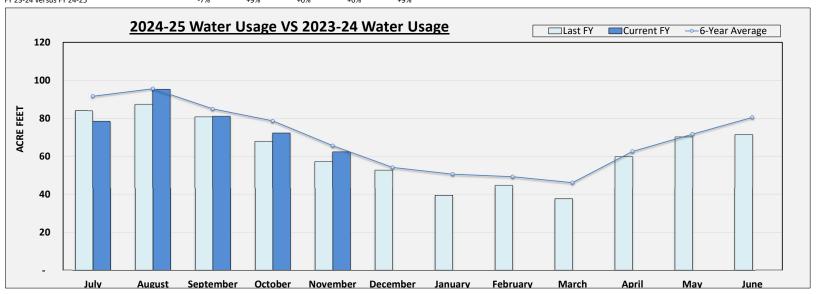
Water Usage By Source

Imported	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWD via EO Wholesale	-	ı	-	-	-								-
Water from IRWD during OC-70 shutdov	-	1	-	-	-								-
CPTP	-	-	-	-	-								-
MWD In-Lieu*	-	-	-	-	-								-
Imported Total	-	-	-	-	-	-	-	-	-	-	-	-	-

*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	139.5	166.1	147.2	162.9	167.9								783.6
Less Fill up Reservoir	-	-	-	-	-								-
Less CPTP	-	-	-	-	-								-
OCWD to Tustin	(57.80)	(70.40)	(66.1)	(90.5)	(105.5)								(390.3)
OCWD to GSWC	(3.20)	(0.40)	-	-	-								(3.6)
Local Total (minus reservoir)	78.5	95.3	81.1	72.4	62.4	-	-	-	-	-	-	-	389.7

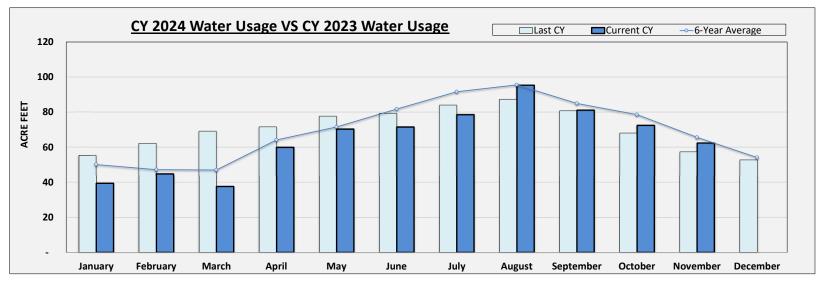
Total Usage 2024-25	79	95	81	72	62	-	-	-	-	-	•	-	390
FY 23-24 versus FY 24-25	-7%	+9%	+0%	+6%	+9%								





Historical Monthly Potable Usage (Calendar Year)

	0 - 1												
Calendar Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2018	37	32	43	70	70	79	87	98	77	81	60	70	803
2019	53	49	45	67	71	84	107	99	85	73	62	40	835
2020	47	29	43	61	59	77	82	87	86	83	68	46	767
2021	47	56	38	52	67	76	90	99	93	90	74	68	849
2022	62	54	43	64	84	95	100	102	89	76	73	48	891
2023	55	62	69	72	78	79	84	87	81	68	57	53	846
6 year Average	50	47	47	64	72	82	92	96	85	79	66	54	832
												-	
Total Water Usage 2024	39	45	38	60	70	72	79	95	81	72	62	-	713
2024 VS 2023 Usage	-29%	-28%	-46%	-16%	-10%	-10%	-7%	+9%	+0%	+6%	+9%		



	Population	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2023 Usage (AF)		55	62	69	72	78	79	84	87	81	68	57	53	846
2023 GPCD	3,473	168	208	209	224	235	248	254	265	253	206	180	160	217
2024 Usage (AF)		39	45	38	60	70	72	(61)	(71)	(66)	(91)	(106)	-	(70)
2024 GPCD	3,464	120	151	114	188	213	224	(185)	(215)	(207)	(275)	(331)	-	(20)
CY over CY change in GI	PCD	-48	-58	-95	-36	-22	-24	•		•	•			

	Population	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
2023-24 Usage (AF)		84	87	81	68	57	53	39	45	38	60	70	72	754
2023-24 GPCD	3,473	254	265	253	206	180	160	119	150	114	187	213	224	194
2024-25 Usage (AF)		79	95	81	72	62	-	-	-	-	-	-	-	390
2024-25 GPCD	3,464	238	289	254	220	196			-	-	-	-	-	240
FY over FY change in GP	CD	-16	+25	+2	+14	+16								+46

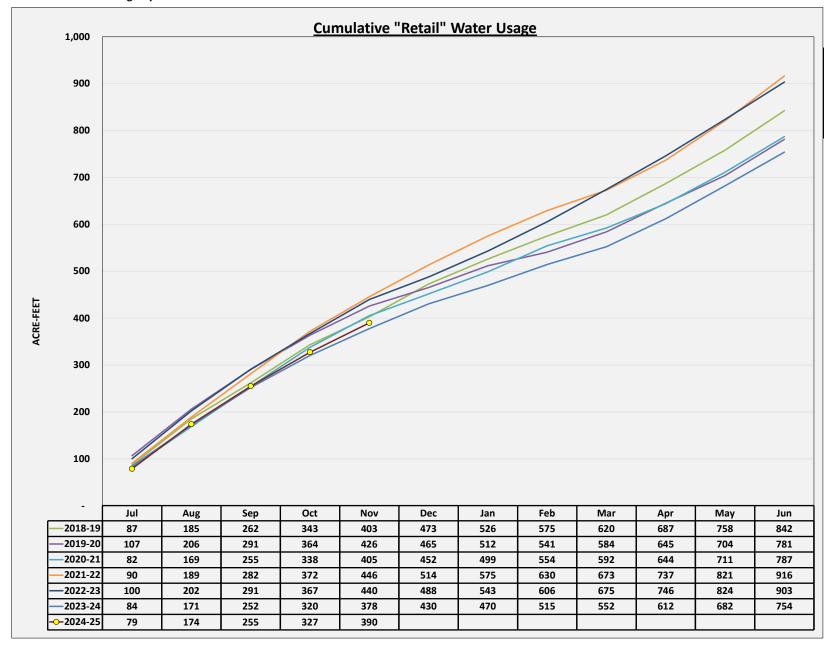
^{*}Cumulative through the end of the last month shown

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



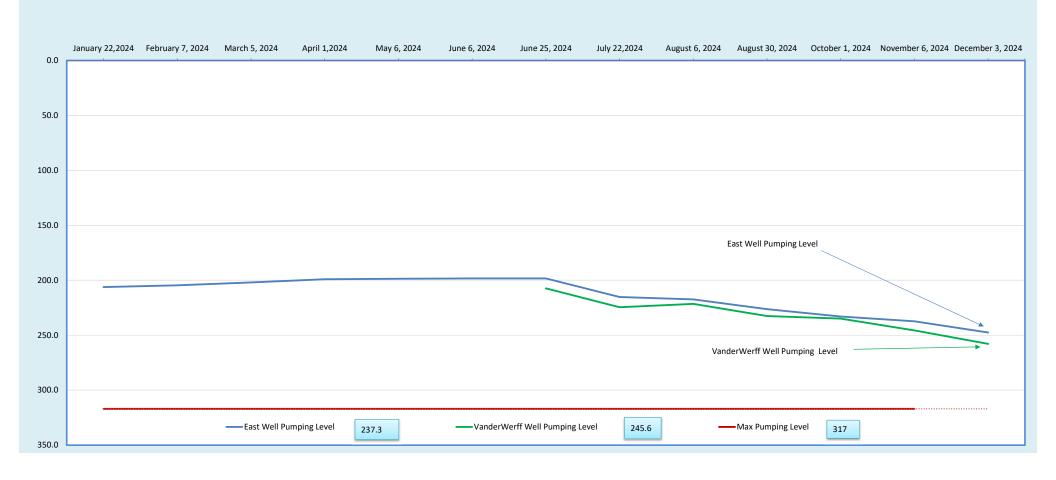
^{*}GPCD = (Total Monthly Production - Fill up Reservoir)/ Population/days in the month

Cumulative Water Usage by Fiscal Year





VanderWerff Well and East Well Pumping Water Levels





MEMO

TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: MONTHLY DISBURSEMENTS

DATE DECEMBER 19, 2024

Background

Monthly disbursements.

Recommendation

Informational.

Attachment(s): Monthly disbursements report

EAST ORANGE COUNTY WATER DISTRICT

DISBURSEMENT SUMMARY December 19, 2024

Transfer Total	\$1,375,000.00)
Transfers	\$ 1,375,000.00	
TRANSFER SUMMARY		
- Elisabelia Fotel	Ψ4,220,720.3	<u></u>
Disbursement Total	\$4,228,723.91	<u>-</u>
Employee's Payroll	\$494,206.55	5
Webster Bank - Installment Purchase Loan Interest Paymer ACWA JPIA - Workers' Compensation Program	1 \$197,478.00 \$12,179.38	
MWDOC - September 2024 Water Deliveries Payment MWDOC - October 2024 Water Deliveries Payment	\$597,570.77 \$492,008.38	7 3
Wire Payments: MWDOC - Payment for Choice Programs	\$9,207.29)
Wholesale Zone, Retail Zone, and ID1 Bill Payments	\$2,426,073.54	1

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



Check Disbursements October 2024

Check Date	Check No.	Payee Name	Description	Check Amount	
10/21/2024	25365	ALS Group Usa, Corp	Water Quality	225.00	
10/21/2024	25366	Angela Burruano	RZ Customer Deposit Refund	255.68	
10/21/2024	25367	AT&T	Scada Alarm- 09/01/24-09/30/24	46.07	
10/21/2024	25368	AT&T	Scada System- 09/01/24-09/30/24	375.29	
10/21/2024	25369	AT&T	Scada Fax - 09/01/24-09/30/24	45.87	
10/21/2024	25370	AT&T	Office Fax 09/01/2024-09/31/2024	5.19	
10/21/2024	25371	Bay Alarm	Alarm Services 11/01/24-01/31/24 - 210 N McPherson	180.00	
10/21/2024	25372	California Water Environment Association	CWEA Membership Renewal - O Mercado	239.00	
10/21/2024	25373	City Of Orange	Vehicle Maintenance	212.00	
10/21/2024	25374	Communications Lab	Professional Services for September	9,075.34	
10/21/2024	25375 25376	Concentra Medical Centers	Certification Renewal for Employee DMV Medical Exam Land Surveying - Walnut Turnout Vault	233.00 500.00	
10/21/2024		Cornerstone Land Surveying, Inc.	· · · · · · · · · · · · · · · · · · ·		
10/21/2024	25377	County Of Orange	Encroachment Permit	3,490.90	
10/21/2024	25378	County Of Orange	2024-2025 Property Tax Bill - 1st Install	207.25	
10/21/2024	25379	Ferguson Enterprises, LLC	Water Meter	1,571.72	
10/21/2024	25380	Generator Services Co, Inc.	Rental Generator - 09/01/24-09/30/24	1,347.76	
10/21/2024	25381	Haaker Equipment Company	Vehicle Maintenance	6,113.84	
10/21/2024	25382	Hach Company	Water Quality	1,592.18	
10/21/2024	25383	Hill Brothers Chemical Co	Chemicals for WZ Reservoir	452.00	
10/21/2024	25384	Pete's Road Service, Inc.	Vehicle Maintenance	4,818.30	
10/21/2024	25385	Plumbers Depot, Inc.	Small Tools	221.97	
10/21/2024	25386	Red Wing Shoe Store	Boots for Employee	293.05	
10/21/2024	25387	Southern California Edison	Electric Services - Various Locations - 09/04/24-10/08/24	3,425.92	
10/21/2024	25388	Steve Brackmann	RZ Customer Deposit Refund	191.80	
10/21/2024	25389	Total Exterminating, Inc.	Rodent Control - Peter's Canyon Res Sept 2024	570.00	
10/21/2024	25390	Underground Service Alert	USA Location - September 2024	741.75	
10/21/2024	25391 25392	USA Blue Book	Water Quality Townson Saver Flow Manitoning	1,505.05 3,685.00	
10/21/2024	25392	Utility Systems, Science & Software, Inc.	Temporary Sewer Flow Monitoring Water Quality	2,427.80	
10/21/2024	25394	Waterline Technologies, Inc. Yo Fire	Small Tools & Service Lines Maintenance	1,505.21	
10/21/2024 10/21/2024	25395	City Of Orange	District Headquarters Generator Permit	1,035.00	
10/21/2024	25396	Christina Martinez	Property Damage Claim	1,798.64	
10/22/2024	25397	Bay Alarm	Installation Deposit - 185 N McPherson	1,450.00	
10/24/2024	25398	Doty Bros Equipment Co.	Brea Glen Pipeline Replacement	485,186.23	
10/31/2024	25399	ALS Group Usa, Corp	Water Quality	665.00	
10/31/2024	25400	Atkinson, Andelson, Loya, Ruud & Romo	September 2024 Legal Fees	8,490.00	
10/31/2024	25401	Borchard Surveying and Mapping, Inc	Professional Services - 09/01/24-10/01/24	2,355.00	
10/31/2024	25402	Butier Engineering, Inc.	Miscellaneous Projects - July - September 2024	1,890.00	
10/31/2024	25403	Champion Paving, Inc.	Concrete Services - Brae Glen	4,023.00	
10/31/2024	25404	Cintas Corporation No. 3	Uniforms - October 2024	170.96	
10/31/2024	25405	City Of Orange-Water	08/22/24 - 10/17/24 Water Usage for 185 & 210N. McPherson Road	5,535.30	
10/31/2024	25406	County Of Orange	Encroachment Permits	3,652.95	
10/31/2024	25407	CSDA	2025 CSDA Membership Renewal	9,627.00	
10/31/2024	25408	Foothill Sentry, Inc.	Display Color Ad November 2024	525.17	
10/31/2024	25409	Grainger	Small Tools	18.13	
10/31/2024	25410	Hach Company Hill Prothers Chamical Co	Water Quality Chamicals for WZ Pasaryain	666.51 3,221.35	
10/31/2024	25411 25412	Hill Brothers Chemical Co	Chemicals for WZ Reservoir	· · · · · · · · · · · · · · · · · · ·	
10/31/2024	25412	Home Depot Credit Services JAN-PRO Franchise Development of Southern Cali	Misc. Hardware, Materials & Tools/Maintenance	561.49 460.36	
10/31/2024	25414	Main Graphics	Bi-Monthly Billing	6,062.21	
10/31/2024 10/31/2024	25415	Matrix Computer Service	IT Support - 09/21/24-10/18/24	3,515.00	
10/31/2024	25416	Mesa Water District	June and August 2024 Fee Share	639.02	
10/31/2024	25417	O'Reilly Auto Enterprises, LLC	Vehicle Maintenance	49.54	
10/31/2024	25418	Pete's Road Service, Inc.	Vehicle Maintenance	5,719.58	
10/31/2024	25419	Plumbers Depot, Inc.	Small Tools	600.47	
10/31/2024	25420	Santiago Aqueduct Commission	SAC Landscape Special Project - 2024/2025	2,741.51	
10/31/2024	25421	SoCalGas	Gas - 185 N McPherson	21.89	
10/31/2024	25422	Southern California Edison	Electric Services - Vista Panorama - 09/24/24-10/22/24	59.61	
10/31/2024	25423	Spectrum Business	Scada & Office Phone Lines- 10/15/24-11/14/24	384.97	

Check Date	Check No	o. Payee Name	Description	Check Amount
10/31/2024	25424	Springbrook Holding Company, LLC	Standard Professional Services - September 2024	440.00
10/31/2024	25425	Sunkist Solutions, LLC	Professional Services - May - September 2024	5,253.75
10/31/2024	25426	Susan Johnson	RZ Customer Depsoit	45.22
10/31/2024	25427	The Mom Project Inc.	Temp Agency Support	2,013.00
10/31/2024	25428	Umpqua Bank	Credit Card Activity - 09/30/24-10/31/24	22,310.99
10/31/2024	25429	USA Blue Book	Water Quality	426.18
10/31/2024	25430	Waterline Technologies, Inc.	Water Quality	2,122.80
10/31/2024	25431	Xerox Corporation	Copier - Monthly Maintenance 09/21/24-10/21/24	258.03
10/31/2024	25432	Yo Fire	Small Tools	578.40

Total: \$ 630,128.20



Check Disbursements November 2024

WAILR DISTRICT						
Check Date C	Check No.	. Payee Name	Description	Check Amount		
11/14/2024	25433	ACWA Joint Powers Insurance Authority	Employee Medical Insurance - December 2024	28,785.64		
11/14/2024	25434	ACWA JPIA	Auto & General Liability Policy 10/1/24-10/01/25	69,509.20		
11/14/2024	25435	Alexander's Meter Reading Solutions	Annual Warranty 01/01/25 - 12/31/25 (Versatern Support)	740.30		
11/14/2024	25436	AT&T	Scada Office Lines - 10/01/24-10/31/24	377.30		
11/14/2024	25437	AT&T Mobility	Cellular Line 10/13/24-11/12/24	109.07		
11/14/2024	25438	Bay Alarm	185 N McPherson - Alarm & Camera System - 11/01/24-02/28/25	2,375.34		
11/14/2024	25439	Best Best & Krieger, LLP	Legal Services through 09/30/24	9,949.20		
11/14/2024	25440	Cintas Corporation No. 3	Uniforms - November 2024	275.72		
11/14/2024	25441	Communications Lab	Professional Services for September 2024	5,243.44		
11/14/2024	25442	CR&R, Inc.	Service Period 10/01/24-11/30/24 (185 N McPherson)	489.46		
11/14/2024	25443	Cynthia Chandler	RZ Customer Deposit Refund	293.40		
11/14/2024	25444	D&S Security Inc	Fire Alarm Monitoring11/01/24-01/31/25	150.00		
11/14/2024	25445	Dawood Murshidi	RZ Customer Deposit Refund	356.69		
11/14/2024	25446	East Orange County Water District	Payment to WZ for Imported Water - September 2024	9,572.44		
11/14/2024	25447	Ecology Control Industries	Asbestos Abatement	1,655.00		
11/14/2024	25448	EEC Environmental	FOG Program 09/01/24-09/30/24	2,215.00		
11/14/2024	25449	Eide Bailly, LLP	Consulting Services Retainer - September 2024	15,733.42		
11/14/2024	25450	ESRI	Annual Agreement 10/27/24-10/26/25	28,400.00		
11/14/2024	25451	Farwest Corrosion Control Company	Cathodic Protection System Rehab - Retention	13,557.26		
11/14/2024	25452	Grainger	Vehicle Maintenance	192.53		
11/14/2024	25453	Great America Networks, Inc	Office Phones Internet 11/01/24-11/30/24	350.19		
11/14/2024	25454	John's Salt Service, Inc.	Generator Maintenance	2,114.79		
11/14/2024	25455	Lewis Consulting Group	Consulting Services - October 2024	2,500.00		
11/14/2024	25456	MKN	EOCWD Zone 3 to 2 Pipeline Conversion	6,645.82		
11/14/2024	25457	Municipal Maintenance Equipment	Small Tools	3,642.79		
11/14/2024	25458	Paradise Drinking Waters	Bottled Water (Office & Field)	88.50		
11/14/2024	25459	Plumbers Depot, Inc.	Equipment Maintenance	2,292.06		
11/14/2024	25460	PTI Sand & Gravel	Main Lines - Sand & Gravel	1,311.34		
11/14/2024	25461	Santiago Aqueduct Commission	SAC Landscape Special Project - April 2024 to May 2024	2,071.75		
11/14/2024	25462	SC Fuels	Fuel - October 2024	5,543.83		
11/14/2024	25463	Southern California Edison	Electric Services - Various Locations - 10/03/24-11/06/24	22,708.43		
11/14/2024	25464	Standard Insurance Company	Life Insurance Premium 10/01/24-10/31/24	889.99		
11/14/2024	25465	T.E. Roberts, Inc.	Circula Panorama Pipeline Conversion - Billing # 4	775,578.38		
11/14/2024	25466	The Mom Project Inc.	Temp Agency Support	2,013.00		
11/14/2024	25467	Total Exterminating, Inc.	Rodent Control - Peter's Canyon Res October 2024	285.00		
11/14/2024	25468	Townsend Public Affairs, Inc.	Consulting Services for November 2024	3,500.00		
11/14/2024	25469	Underground Service Alert	USA Location - October 2024	688.10		
11/14/2024	25470	United Site Services Of California, Inc.	Waste Holding Tank - Handy Creek Field Office - 04/30/24-05/27/24	540.16		
11/14/2024	25471	Verizon Wireless	Wireless - 10/26/24 to 10/25/24	1,101.28		
11/14/2024	25472	Vital Records Holdings, LLC	Laserfiche Software & Support Maint Agreement 01/01/25 - 12/31/25	3,265.95		
11/14/2024	25473	Waterline Technologies, Inc.	Water Quality	442.25		
11/14/2024	25474	West Yost & Associates, Inc.	Professional Services 09/07/24-10/04/24	1,536.25		
11/14/2024	25475	Yo Fire	Main Lines Maintenance & Small Tools	4,337.37		
11/22/2024	25476	ALS Group Usa, Corp	Water Quality	231.50		
11/22/2024	25477	AT&T Mobility	Cellular Line 11/13/24-12/12/24	101.59		
11/22/2024	25478	Cintas Corporation No. 3	Uniforms	107.11		
11/22/2024	25479	County Of Orange	Communication Charges - 10-01-24 - 12-31-24	1,030.77		
11/22/2024	25480	CR&R, Inc.	Service Period 10/01/24-10/31/24 (9312 Handy Creek) Vista Panorama - Fabricate & Install Steel Picket	138.66		
11/22/2024	25481	Econo Fence, Inc.	Small Tools	1,855.00 43.15		
11/22/2024	25482	Grainger	J. 10010	TJ.1J		

Check Date	Check No.	Payee Name	Description	Check Amoun
11/22/2024	25483	Home Depot Credit Services	Misc. Hardware, Materials & Tools/Maintenance	765.67
11/22/2024	25484	Michael Davis	RZ Customer Overpayment	291.08
11/22/2024	25485	Offernest LLC	RZ Customer Deposit Refund	12.40
11/22/2024	25486	Petty Cash	Petty Cash Expense	199.49
11/22/2024	25487	PSI Water Technologies, Inc.	Materials - 11.5 Reservoir Chlorination Trailer	2,508.52
11/22/2024	25488	PTI Sand & Gravel	Service and Main Line Maintenance	774.28
11/22/2024	25489	Rande Johnsen	RZ Customer Deposit Refund	27.83
11/22/2024	25490	Specialty Testing Services, Inc.	Vehicle Collision Repair	6,757.14
11/22/2024	25491	Springbrook Holding Company, LLC	Standard Professional Services - October 2024	110.00
11/22/2024	25492	The Mom Project Inc.	Temp Agency Support	2,013.00
11/22/2024	25493	Yo Fire	Materials - Barrett Reservoir Maintenance	771.43
11/25/2024	25494		Void	-
11/25/2024	25495	Lepi Construction	RZ Customer - Paver's Repaired	500.00



Check Disbursements December 2024

Check Date	Check No.	Payee Name	Description	Check Amount
12/02/2024	25496	Specialty Truck Collison	Vehicle Collision Repair	6,757.14
12/11/2024	25497	ACWA Joint Powers Insurance Authority Employee Medical Insurance - January 2026		30,769.70
12/11/2024	25498	AKM Consulting Engineers	2024 SSMP Audit - 09/30/24-11/01/24	10,279.00
12/11/2024	25499	ALS Group Usa, Corp	Laboratory Analysis (water quality) November 2024	894.00
12/11/2024	25500	American Business Bank Barrett Booster Pump Station		6,292.26
12/11/2024	25501	Atkinson, Andelson, Loya, Ruud & Romo		
12/11/2024	25502	Bay City Electric Works	Admin Building - Generator	82,559.48
12/11/2024	25503	Best Best & Krieger, LLP	Legal Services through 11/27/24	3,501.00
12/11/2024	25504	Butier Engineering, Inc.	Circula Panorama Pipeline Replacement	92,330.00
12/11/2024	25505	California Water Environment Association	CWEA Membership Employee Renewal	106.00
12/11/2024	25506	Cintas Corporation No. 3	Uniforms - November 2024	337.49
12/11/2024	25507	City Of Orange	Vehicle Maintenance	6,397.80
12/11/2024	25508	City Of Tustin	Construction Meter 09/16/24- 11/07/24 (to clean sewer system)	1,038.53
12/11/2024	25509	Communications Lab	Professional Services for November	5,000.00
12/11/2024	25510	Concentra Medical Centers	New Hire - Pre-Placement Exam	295.00
12/11/2024	25511	County Of Orange	Encroachment Permits	3,669.13
12/11/2024	25512	Doty Bros Equipment Co.	Cresthaven Mainline Assistance	3,427.12
12/11/2024	25513	East Orange County Water District	Payment to WZ for Imported Water - October 2024	9,481.59
12/11/2024	25514	Eide Bailly, LLP	Consulting Services Retainer - October 2024	10,085.77
12/11/2024	25515	Foothill Sentry, Inc.	Display Color Ad December 2024	525.17
12/11/2024	25516	Generator Services Co, Inc.	Rental Generator -10/01/24-11/30/24 150KVA	2,701.52
12/11/2024	25517	Grainger	Vehicle Maintenance	174.76
12/11/2024	25518	Great America Networks, Inc	Office Phones 12/01/24-12/31/24	350.19
12/11/2024	25519	Hach Company Water Quality		470.93
12/11/2024	25520	Hill Brothers Chemical Co Chemicals for WZ Reservoir		2,986.80
12/11/2024	25521	JAN-PRO Franchise Development of Southern Cali Monthly Janitorial Service - November & December 2024		1,646.10
12/11/2024	25522	Lewis Consulting Group Consulting Services - November 2024		2,500.00
12/11/2024	25523	Matrix Computer Service IT Support - 10/19/24-11/15/24		2,560.69
12/11/2024	25524	Morrow Meadows Corp Vista Panorama & Install Services		4,264.26
12/11/2024	25525	Nigro & Nigro, PC	Final Audit - FY 23/24 Audit	14,000.00
12/11/2024	25526	Orange County Sanitation District	Sewer Permits - October 2024	271,771.41
12/11/2024	25527	Pacific Hydrotech Corporation	Barrett Booster Pump Station	119,552.96
12/11/2024	25528	PSI Water Technologies, Inc.	Reservoir Maintenance	1,687.79
12/11/2024	25529	Pulsco, Inc	Vista Panorama	1,496.53
12/11/2024	25530	SC Fuels	Fuel - November 2024	3,749.17
12/11/2024	25531	SoCalGas	Gas - 185 N McPherson (10/24/24-11/25/24)	25.79
12/11/2024	25532	South Coast Air Quality Management District	AQMD Renewal & Emission Fees FY 24/25	707.00
12/11/2024	25533	Southern California Edison	Electric Services - Various Locations - 10/23/24-11/25/24	19,971.84
12/11/2024	25534	Spectrum Business	Office VOIP Phones 11/15/24-12/14/24	384.97
12/11/2024	25535	Standard Insurance Company	Life Insurance Premium 12/01/24-12/31/24	889.99
12/11/2024	25536	Total Exterminating, Inc.	Rodent Control - Peter's Canyon Res October 2024 (11/25)	285.00
12/11/2024	25537	Townsend Public Affairs, Inc.	Consulting Services for December 2024	3,500.00
12/11/2024	25538	Uline	Office Supplies	407.64
12/11/2024	25539	Underground Service Alert	USA Location - November 2024	643.70
12/11/2024	25540	USA Blue Book	Water Quality	1,143.68
12/11/2024	25541	Waterline Technologies, Inc.	Water Quality	732.00
12/11/2024	25542	Xerox Corporation	Copier - Monthly Maintenance 10/21/24-11/21/24	155.18
12/12/2024	25543	West Yost & Associates, Inc.	Professional Services 08/10/24 to 11/08/24	3,433.00
			Tota	1: \$ 744,279.08

EAST ORANGE COUNTY WATER DISTRICT

CITIZENS BUSINESS BANK Prior Month's Checks To Ratify - EMPLOYEES' PAYROLL Month of October 2024

	CHECK DATE	CHECK AMOUNT	PAYABLE TO			
AUTO DEPOSIT	10/2/2024	\$ 10,444.95	GENERAL MANAGER			
AUTO DEPOSIT	10/2/2024	\$ 6,827.24	ENGINEERING MANAGER			
AUTO DEPOSIT	10/2/2024	\$ 5,888.23	OPERATIONS MANAGER			
AUTO DEPOSIT	10/2/2024	\$ 3,881.05	GIS MANAGER			
AUTO DEPOSIT AUTO DEPOSIT	10/2/2024 10/2/2024	\$ 5,038.74 \$ 2,561.10	WASTEWATER SUPERVISOR WATER DISTRIBUTION LEAD OPERATOR			
AUTO DEPOSIT	10/2/2024	\$ 3,319.17	WATER DISTRIBUTION OPERATOR I			
AUTO DEPOSIT	10/2/2024	\$ 2,767.08	WASTEWATER COLLECTION OPERATOR II			
AUTO DEPOSIT	10/2/2024	\$ 2,489.69	WASTWATER COLLECTION OPERATOR II			
AUTO DEPOSIT	10/2/2024	\$ 3,078.79	WASTEWATER COLLECTIONS LEAD OPERATOR			
AUTO DEPOSIT AUTO DEPOSIT	10/2/2024 10/2/2024	\$ 2,101.07 \$ 1,571.50	WASTEWATER COLLECTION OPERATOR I WATER DISTRIBUTION OPERATOR I			
AUTO DEPOSIT	10/2/2024	\$ 3,265.94	OFFICE MANAGER			
AUTO DEPOSIT	10/2/2024	\$ -	MANAGEMENT ANALYST			
AUTO DEPOSIT	10/2/2024	\$ 2,442.62	ADMINISTRATIVE ASSISTANT I			
AUTO DEPOSIT	10/2/2024	\$ 2,140.63 \$ 57,817.80	PART TIME ADMINISTRATIVE ASSISTANT SUB TOTAL			
		\$ 37,617.00	SUB TOTAL			
AUTO DEPOSIT	10/16/2024	\$ 8,502.36	GENERAL MANAGER			
AUTO DEPOSIT	10/16/2024	\$ 6,817.78	ENGINEERING MANAGER			
AUTO DEPOSIT	10/16/2024	\$ 5,309.19	OPERATIONS MANAGER			
AUTO DEPOSIT	10/16/2024	\$ 3,881.06	GIS MANAGER			
AUTO DEPOSIT	10/16/2024 10/16/2024	\$ 4,831.72 \$ 3,059.83	WASTEWATER SUPERVISOR WATER DISTRIBUTION LEAD OPERATOR			
AUTO DEPOSIT AUTO DEPOSIT	10/16/2024	\$ 3,059.83 \$ 3,576.65	WATER DISTRIBUTION CEAD OPERATOR WATER DISTRIBUTION OPERATOR I			
AUTO DEPOSIT	10/16/2024	\$ 2,422.62	WASTEWATER COLLECTION OPERATOR II			
AUTO DEPOSIT	10/16/2024	\$ 2,339.60	WASTEWATER COLLECTION OPERATOR II			
AUTO DEPOSIT	10/16/2024	\$ 3,452.67 \$ 1,970.69	WASTEWATER COLLECTIONS LEAD OPERATOR WASTEWATER COLLECTION OPERATOR I			
AUTO DEPOSIT AUTO DEPOSIT	10/16/2024 10/16/2024	\$ 1,970.69 \$ 1,795.08	WASTEWATER COLLECTION OPERATOR I			
AUTO DEPOSIT	10/16/2024	\$ 3,037.33	OFFICE MANAGER			
AUTO DEPOSIT	10/16/2024	\$ -	MANAGEMENT ANALYST			
AUTO DEPOSIT AUTO DEPOSIT	10/16/2024 10/16/2024	\$ 2,442.62 \$ 1,694.47	ADMINISTRATIVE ASSISTANT I PART TIME ADMINISTRATIVE ASSISTANT			
AOTO DEI OON	10/10/2024	\$ 55,133.67	SUB TOTAL			
AUTO DEPOSIT	10/30/2024	\$ 7,702.36	GENERAL MANAGER			
AUTO DEPOSIT	10/30/2024	\$ 6,739.17	ENGINEERING MANAGER			
AUTO DEPOSIT	10/30/2024	\$ 5,302.05	OPERATIONS MANAGER			
AUTO DEPOSIT AUTO DEPOSIT	10/30/2024 10/30/2024	\$ 3,881.05 \$ 4,204.00	GIS MANAGER WASTEWATER SUPERVISOR			
AUTO DEPOSIT	10/30/2024	\$ 3,178.30	WATER DISTRIBUTION LEAD OPERATOR			
AUTO DEPOSIT	10/30/2024	\$ 3,164.47	WATER DISTRIBUTION OPERATOR I			
AUTO DEPOSIT	10/30/2024	\$ 2,951.69	WASTEWATER COLLECTION OPERATOR II			
AUTO DEPOSIT AUTO DEPOSIT	10/30/2024 10/30/2024	\$ 2,339.58 \$ 3,460.60	WASTEWATER COLLECTION OPERATOR II WASTEWATER COLLECTIONS LEAD OPERATOR			
AUTO DEPOSIT	10/30/2024	\$ 2,101.09	WASTEWATER COLLECTION OPERATOR I			
AUTO DEPOSIT	10/30/2024	\$ 1,754.27	WATER DISTRIBUTION OPERATOR I			
AUTO DEPOSIT	10/30/2024	\$ 2,694.38	OFFICE MANAGER			
AUTO DEPOSIT AUTO DEPOSIT	10/30/2024 10/30/2024	\$ - \$ 2,442.63	MANAGEMENT ANALYST ADMINISTRATIVE ASSISTANT I			
AUTO DEPOSIT	10/30/2024	\$ 1,723.73	PART TIME ADMINISTRATIVE ASSISTANT			
		\$ 53,639.37	SUB TOTAL			
	10/2/2024	\$ 30,469.75	ADP TAXES	PAYROLL	PAYROLL	PAYROLL
	10/2/2024	\$ 3,672.44	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER	10/2/2024	10/16/2024	10/30/2024
	10/2/2024	\$ 5,325.03	EMPLOYER PERS ELECTRONIC FUNDS TRANSFER			
	10/2/2024	\$ 2,508.63	EMPLOYEE PERS PEPRA TRANSFER	\$57,817.80	\$55,133.67	\$53,639.37
	10/2/2024 10/2/2024	\$ 2,470.37 \$ 2,296.83	EMPLOYER PERS PEPRA MEMBER TRANSFER CAL PERS 457 - ING BANK	\$46,743.05	\$42,698.55	\$42,377.02
	10/2/2024	\$ 2,290.63	CAL PERS 457 - ING BAIN	φ40,743.03	\$42,096.55	φ42,377.UZ
		\$46,743.05	TOTAL TRANSFERS	\$104,560.85	\$97,832.22	\$96,016.39
	10/16/2024	\$ 27,299.56	ADP TAXES			
	10/16/2024	\$ 3,272.26	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER			
	10/16/2024 10/16/2024	\$ 4,744.77 \$ 2,435.49	EMPLOYER PERS ELECTRONIC FUNDS TRANSFER EMPLOYEE PERS PEPRA TRANSFER			
	10/16/2024	\$ 2,473.20	EMPLOYER PERS PEPRA MEMBER TRANSFER			
	10/16/2024	\$ 2,473.27	CAL PERS 457 - ING BANK			
		\$42,698.55	TOTAL TRANSFERS			
		ψ¬Σ,000.00				
	10/30/2024	\$ 26,862.69	ADP TAXES			
	10/30/2024	\$ 3,260.88	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER			
	10/30/2024	\$ 4,728.28	EMPLOYER PERS ELECTRONIC FUNDS TRANSFER			
	10/30/2024	\$ 2,489.53	EMPLOYEE PERS PERRA TRANSFER			
	10/30/2024 10/30/2024	\$ 2,528.08 \$ 2,507.56	EMPLOYER PERS PEPRA MEMBER TRANSFER CAL PERS 457 - ING BANK			
	. 0, 00, 202-7					
		\$42,377.02	TOTAL TRANSFERS			

\$298,409.46 GRAND TOTAL PAYROLL

EAST ORANGE COUNTY WATER DISTRICT CITIZENS BUSINESS BANK Prior Month's Checks To Ratify EMPLOYEES' PAYROLL* Month of November 2024

	CHECK	CHECK	PAVADISTO		
AUTO DEPOSIT	DATE 11/13/2024	\$ 8,402.36	PAYABLE TO GENERAL MANAGER	_	
AUTO DEPOSIT	11/13/2024	\$ 6,739.16	ENGINEERING MANAGER		
AUTO DEPOSIT AUTO DEPOSIT	11/13/2024 11/13/2024	\$ 5,796.44 \$ 3,881.06	OPERATIONS MANAGER GIS MANAGER		
AUTO DEPOSIT	11/13/2024	\$ 4,859.85	WASTEWATER SUPERVISOR		
AUTO DEPOSIT AUTO DEPOSIT	11/13/2024 11/13/2024	\$ 2,416.55 \$ 3,115.66	WATER DISTRIBUTION LEAD OPERATOR WATER DISTRIBUTION OPERATOR I		
AUTO DEPOSIT	11/13/2024	\$ 2,863.53	WASTEWATER COLLECTION OPERATOR II		
AUTO DEPOSIT AUTO DEPOSIT	11/13/2024 11/13/2024	\$ 2,339.59 \$ 2,760.64	WASTWATER COLLECTION OPERATOR II WASTEWATER COLLECTIONS LEAD OPERATOR		
AUTO DEPOSIT	11/13/2024	\$ 1,970.68	WASTEWATER COLLECTION OPERATOR I		
AUTO DEPOSIT	11/13/2024 11/13/2024	\$ 1,799.46 \$ 2,694.38	WATER DISTRIBUTION OPERATOR I OFFICE MANAGER		
AUTO DEPOSIT AUTO DEPOSIT	11/13/2024	\$ 2,094.36	MANAGEMENT ANALYST		
AUTO DEPOSIT	11/13/2024	\$ 2,442.62	ADMINISTRATIVE ASSISTANT I		
AUTO DEPOSIT	11/13/2024	\$ 1,898.55 \$ 53,980.53	PART TIME ADMINISTRATIVE ASSISTANT SUB TOTAL		
		Ψ 00,000.00	332.10.11.12		
AUTO DEPOSIT	11/27/2024	\$ 7,602.36	GENERAL MANAGER		
AUTO DEPOSIT AUTO DEPOSIT	11/27/2024 11/27/2024	\$ 6,739.17 \$ 5,302.04	ENGINEERING MANAGER OPERATIONS MANAGER		
AUTO DEPOSIT	11/27/2024	\$ 3,881.05	GIS MANAGER		
AUTO DEPOSIT AUTO DEPOSIT	11/27/2024 11/27/2024	\$ 5,426.78 \$ 3,144.12	WASTEWATER SUPERVISOR WATER DISTRIBUTION LEAD OPERATOR		
AUTO DEPOSIT	11/27/2024	\$ 3,597.65	WATER DISTRIBUTION OPERATOR I		
AUTO DEPOSIT AUTO DEPOSIT	11/27/2024	\$ 2,422.61 \$ 2,516.26	WASTEWATER COLLECTION OPERATOR II WASTEWATER COLLECTION OPERATOR II		
AUTO DEPOSIT	11/27/2024 11/27/2024	\$ 2,516.26 \$ 3,579.91	WASTEWATER COLLECTION OPERATOR II WASTEWATER COLLECTIONS LEAD OPERATOR		
AUTO DEPOSIT	11/27/2024	\$ 2,117.37	WASTEWATER COLLECTION OPERATOR I		
AUTO DEPOSIT AUTO DEPOSIT	11/27/2024 11/27/2024	\$ 1,815.76 \$ 3,151.65	WATER DISTRIBUTION OPERATOR I OFFICE MANAGER		
AUTO DEPOSIT	11/27/2024		MANAGEMENT ANALYST		
AUTO DEPOSIT AUTO DEPOSIT	11/27/2024 11/27/2024	\$ 2,442.63 \$ 1,724.24	ADMINISTRATIVE ASSISTANT I PART TIME ADMINISTRATIVE ASSISTANT		
AUTO DEPOSIT	11/27/2024	\$ 1,418.09	TEMPORARY ADMINISTRATIVE ASSISTANT II		
		\$ 56,881.69	SUB TOTAL		
	11/13/2024	\$ 26,560.49	ADP TAXES	PAYROLL	PAYROLL
	11/13/2024 11/13/2024	\$ 3,279.45 \$ 4,755.20	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER EMPLOYER PERS ELECTRONIC FUNDS TRANSFER	11/13/2024	11/27/2024
	11/13/2024	\$ 2,484.73	EMPLOYEE PERS PEPRA TRANSFER	\$53,980.53	\$56,881.69
	11/13/2024	\$ 2,523.20 \$ 2,253.76	EMPLOYER PERS PEPRA MEMBER TRANSFER CAL PERS 457 - ING BANK	£44.056.00	£42.070.04
	11/13/2024			\$41,856.83	\$43,078.04
		\$41,856.83	TOTAL TRANSFERS	\$95,837.36	\$99,959.74
	11/27/2024	\$ 27,613.18	ADP TAXES		
	11/27/2024 11/27/2024	\$ 3,260.88 \$ 4,728.27	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER EMPLOYER PERS ELECTRONIC FUNDS TRANSFER		
	11/27/2024	\$ 2,463.98	EMPLOYEE PERS PEPRA TRANSFER		
	11/27/2024 11/27/2024	\$ 2,502.44 \$ 2,509.29	EMPLOYER PERS PEPRA MEMBER TRANSFER CAL PERS 457 - ING BANK		
		\$43,078.04	TOTAL TRANSFERS		
		\$195,797.09	GRAND TOTAL PAYROLL		

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

EAST ORANGE COUNTY WATER DISTRICT

FUNDS TRANSFERRED BETWEEN ACCOUNTS

DATE	AMOUNT	FROM	то	REASON FOR FUND TRANSFER
10/25/2024	\$1,000,000.00	California Class Sewer Fund	Citizens Business Bank Checking Account	To cover bill payments
11/14/2024	\$375,000.00	Citizens Business Bank Money Market Account	Citizens Business Bank Checking Account	Excess Funds



TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: MONTHLY FINANCIAL STATEMENTS AND TREASURERS REPORT

DATE DECEMBER 19, 2024

Background

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

Recommendation

Receive and File.

Attachment(s): Financial Statements for September 2024

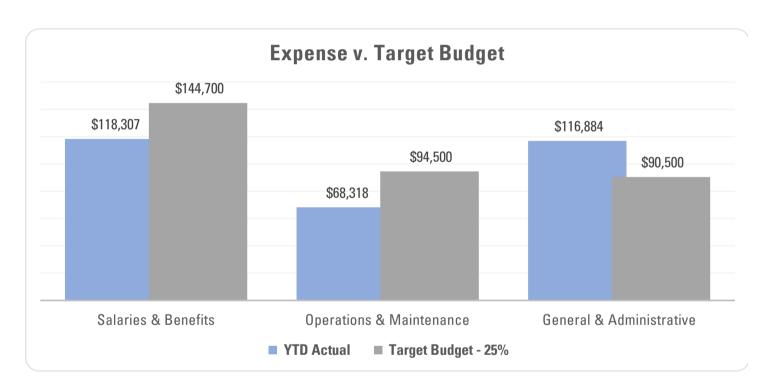


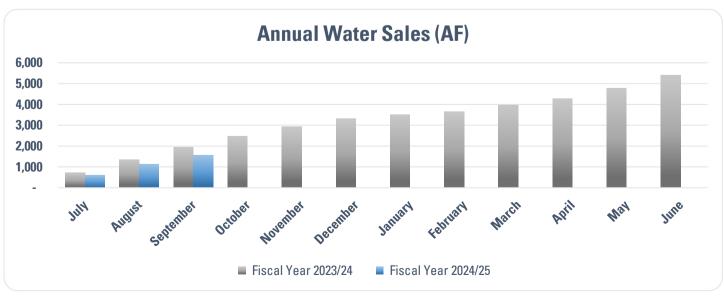
Wholesale Budget to Actual Summary

(Unaudited)

For the Period Ending September 30, 2024

		Α	В	С	D = B / C
W	holesale Budget to Actual Summary	SEP 2024 ACTUAL	YTD ACTUAL	2024/25 ANNUAL BUDGET	YTD BUDGET 25%
1	REVENUE				
2	Operating Revenue	\$ 675,392	\$ 2,332,487	\$ 8,177,100	29%
3	Non-Operating Revenue /(Expense)	40,677	88,773	1,511,700	6%
4	TOTAL REVENUE	716,069	2,421,260	9,688,800	25%
5	EXPENSE				
6	Source of Supply	623,259	2,174,860	7,590,300	29%
7	Salaries & Benefits	39,355	118,307	578,700	20%
8	Operations & Maintenance	14,345	68,318	377,950	18%
9	General & Administrative	23,005	116,884	361,800	32%
10	TOTAL EXPENSE	699,964	2,478,369	8,908,750	28%
11	NET REVENUE / (EXPENSE)	16,105	(57,109)	780,050	N/A
12	Capital Improvement Program PAYGO	(25,697)	(28,801)	(2,539,300)	1%
13	Section 115 Pension Trust Contribution	-	-	-	N/A
14	CalPERS Additional Discretionary Payments	-	-	(7,079)	0%
15	NET CASH INFLOW / (OUTFLOW)	\$ (9,593)	\$ (85,910)	\$ (1,766,329)	5%





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.



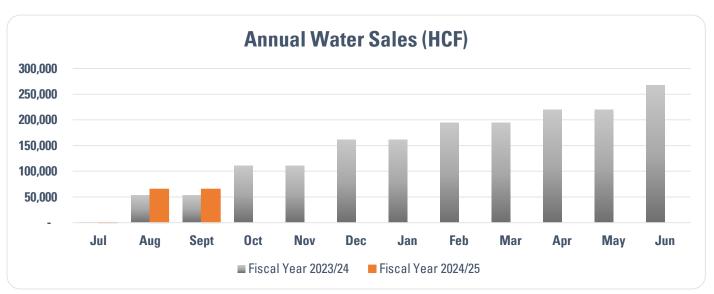
Retail Budget to Actual Summary

(Unaudited)

For the Period Ending September 30, 2024

		Α	В	С	D = B / C
Re	tail Budget to Actual Summary	P 2024 CTUAL	YTD ACTUAL	2024/25 ANNUAL BUDGET	YTD BUDGET 25%
1	REVENUE				
2	Operating Revenue	\$ 3,420	\$ 397,166	\$ 2,966,600	13%
3	Non-Operating Revenue /(Expense)	12,110	30,316	727,800	4%
4	TOTAL REVENUE	15,530	427,482	3,694,400	12%
5	EXPENSE				
6	Source of Supply	23,277	91,934	706,400	13%
7	Salaries & Benefits	59,753	176,688	837,500	21%
8	Operations & Maintenance	10,739	55,638	217,500	26%
9	General & Administrative	27,447	131,210	413,100	32%
10	TOTAL EXPENSE	121,216	455,470	2,174,500	21%
11	NET REVENUE / (EXPENSE)	(105,686)	(27,988)	1,519,900	N/A
12	Debt Service	-	-	(259,000)	0%
13	Capital Improvement Program PAYGO	(15,711)	(1,666,560)	(5,374,450)	31%
14	Section 115 Pension Trust Contribution	-	-	-	N/A
15	CalPERS Additional Discretionary Payments	-	-	(10,031)	0%
16	NET CASH INFLOW / (OUTFLOW)	\$ (121,397)	\$ (1,694,548)	\$ (4,123,581)	41%





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.

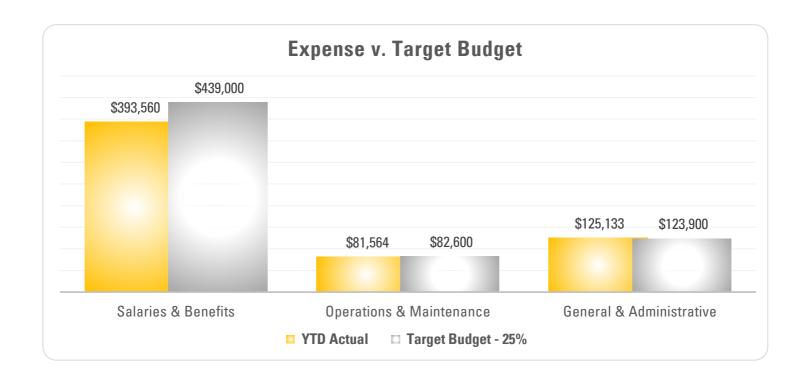


Sewer Budget to Actual Summary

(Unaudited)

For the Period Ending September 30, 2024

		Α	В	С	D = B / C
Se	wer Budget to Actual Summary	SEP 2024 ACTUAL	YTD ACTUAL	2024/25 ANNUAL BUDGET	YTD BUDGET 25%
1	REVENUE				_
2	Operating Revenue	\$ 11,319	\$ 41,238	\$ 3,941,400	1%
3	Non-Operating Revenue /(Expense)	164,452	375,244	1,455,900	26%
4	TOTAL REVENUE	175,771	416,482	5,397,300	8%
5	EXPENSE				
6	Salaries & Benefits	133,664	393,560	1,756,100	22%
7	Operations & Maintenance	29,305	81,564	330,200	25%
8	General & Administrative	28,584	125,133	495,400	25%
9	TOTAL EXPENSE	191,553	600,257	2,581,700	23%
10	NET REVENUE / (EXPENSE)	(15,782)	(183,775)	2,815,600	N/A
11	Debt Service	-	-	(1,036,000)	0%
12	Internal Loan Issuance for Capital	-	-	(2,000,000)	0%
13	Capital Improvement Program PAYGO	(122,021)	(283,428)	(1,595,250)	18%
14	Section 115 Pension Trust Contribution	-	-	-	N/A
15	CalPERS Additional Discretionary Payments	-	-	(17,810)	0%
16	NET CASH INFLOW / (OUTFLOW)	\$ (137,803)	\$ (467,203)	\$ (1,833,460)	25%





Cash & Investments

(Unaudited) September 30, 2024

	Туре	Cost	Market	% Total
District Cash & Investments				
Unrestricted				
Local Agency Investment Fund (LAIF) *	Investment	\$ 100,260	\$ 100,466	0.2%
U.S. Bank - Sewer	Investment	9,203,125	9,164,788	17.5%
Raymond James Brokerage - Wholesale	Investment	2,360,529	2,568,818	4.9%
Raymond James Brokerage - Sewer	Investment	5,056,758	5,106,301	9.8%
CA CLASS Prime Fund **	Investment	2,319,053	2,319,685	4.4%
Citizens Business Bank	Checking	1,997,013	1,997,013	3.8%
Citizens Business Bank	Money Market	36,571	36,571	0.1%
Total Unrestricted		 21,073,308	21,293,642	40.7%
Restricted				
U.S. Bank - Sewer Acquisition Funds	Investment	29,542,215	29,419,151	56.3%
U.S. Bank - Sewer Capacity Fees	Investment	1,423,353	1,417,423	2.7%
PARS Post-Employment Benefits	Trust	125,000	165,032	0.3%
Total Restricted		31,090,568	31,001,607	59.3%
Total District Cash & Investments		\$ 52,163,876	\$ 52,295,249	100.0%

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

^{**} The CLASS Prime Fund Net Asset Value factor is updated monthly.



TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: SALARY SCHEDULE ADJUSTMENTS

DATE DECEMBER 19, 2024

Background

Salary range schedules for 2022-2024 require some minor revisions to the Engineering Manager salary range to reflect correct pay rate. The schedules are primarily published for the purposes of validating the salary ranges and salaries for employees at July 1st of each year for CalPERS. CalPERS is requesting revised salary schedules in order to properly calculate retirement benefits.

Engineering Manager	Monthly Sa	lary Range
Engineering Manager	Min	Max
2022 Adopted Salary Range	\$13,793	\$19,098
Proposed Salary Range Adjustment	\$13,793	\$19,322
2023 Adopted Salary Range	\$14,676	\$20,320
Proposed Salary Range Adjustment	\$14,676	\$20,558
2024 Adopted Salary Range	\$15,131	\$20,950
Proposed Salary Range Adjustment	\$15,131	\$21,196

Financial Impact

There is no additional financial impact associated with this action.

Recommendation

The Board adopt Resolution No. 948 approving salary schedules to reflect adjustment to Engineering Manager salary range schedule.

Attachment(s): Revised Salary Schedules

Resolution No. 948

RESOLUTION NO. 948

RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT AMENDING SALARY SCHEDULE FOR THE DISTRICT ENGINEERING MANAGER FOR FISCAL YEARS 2021-2022 THROUGH 2024-2025

WHEREAS, the Board of Directors ("Board") of East Orange County Water District ("EOCWD") has established, for the various employment positions at EOCWD, salary ranges applicable to each specified position based on the experience and qualifications of employees within such positions ("Salary Ranges"); and

WHEREAS, the Salary Ranges are maintained by the General Manager in a list of the established salary ranges ("Salary Schedule"), which is available for inspection to the public on request; and

WHEREAS, the existing Salary Schedule does not adequately reflect the salary paid to the District's Engineering manager;

WHEREAS, it is proposed to retroactively revise the Engineering Manager's salary schedule as set forth in Exhibit A, which is attached hereto and incorporated herein by this reference, to maintain consistency with the position and salary paid to the District's Engineering Manager;

WHEREAS, with the aforementioned salary schedule revision, the Salary Schedule for the District would be as set forth in Exhibit B, which is attached hereto and incorporated herein by this reference; and

WHEREAS, the Board, in Resolution No. 814, granted the General Manager, in order to recruit and/or retain quality employees in an increasingly competitive job market, with certain discretion, flexibility, and authority to adjust specific employee salaries within the established Salary Ranges, as they may be modified from time to time.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF EOCWD DOES HEREBY RESOLVE, DETERMINE AND ORDER AS FOLLOWS:

- Section 1. The recitals set forth herein are true and correct, and hereby adopted as findings of the Board.
- Section 2. The Board hereby adopts the proposed update to the Salary Schedule as set forth in Exhibits A and B, and directs that a copy of such schedule shall be included with the minutes of this meeting and made available to the public on request.
- Section 3. The Board hereby authorizes the General Manager, or the General Manager's designee, to take such action as may be reasonably necessary to effectuate the intent of this Resolution.

<u>Section 4.</u> This Resolution shall take effect immediately upon approval and adoption by the Board, and shall remain in effect until rescinded or terminated by the Board.

ADOPTED, SIGNED and APPROVED this 19th day of December, 2024.

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

STATE OF CALIFORNIA)	
COUNTY OF ORANGE) ss.	
,	
I, JEFFREY A. HOSKINSON, Secretary of	of the Board of Directors of the EAST ORANGE
COUNTY WATER DISTRICT, do hereby certify	that the foregoing Resolution No. 948 was duly
adopted by the Board of Directors of said District a	at a Regular Meeting of said District held on December
19, 2024, and that it was so adopted by the followi	ng vote:
AYES:	
NOES:	
ABSENT:	
ABSTAIN:	
	effrey A. Hoskinson, Secretary
E	AST ORANGE COUNTY WATER DISTRICT and of

the Board of Directors thereof

EXHIBIT A

Revised Salary Schedule

Engineering Manager	Monthly Sa	lary Range
Engineering Manager	Min	Max
2022 Adopted Salary Range	\$13,793	\$19,098
Amended Salary Range Adjustment	\$13,793	\$19,322
2023 Adopted Salary Range	\$14,676	\$20,320
Amended Salary Range Adjustment	\$14,676	\$20,558
2024 Adopted Salary Range	\$15,131	\$20,950
Amended Salary Range Adjustment	\$15,131	\$21,196



Salary Schedule

Effective March 1, 2022 through June 30, 2023

Classification	Monthly Salary	Range
	Min	Max
General Manager	Determined by co	ontract
Engineering Manager	\$13,793	\$19,322
Operations Manager	\$13,793	\$18,037
Wastewater Supervisor	\$9,549	\$12,732
Office Manager	\$7,958	\$11,671
Administrative Assistant II	\$6,905	\$9,669
Administrative Assistant I	\$6,005	\$8,406
Management Analyst I	\$6,490	\$9,088
Water Operator III	\$6,086	\$8,522
Water Operator II	\$6,040	\$8,346
Water Operator I	\$5,161	\$7,138
Wastewater Operator II	\$5,124	\$7,173
Wastewater Operator I	\$4,455	\$6,237
Office Assistant	\$3,908	\$5,473
Part Time	Employees (Hourly)	
P/T Management Analyst	\$30.54	\$41.25
P/T Administrative Assistant	\$30.54	\$41.25
P/T Office Assistant	\$16.47	\$26.86
Interns	\$16.97	\$27.67



Salary Schedule

Effective July 1, 2023 through June 30, 2024

Classification	Monthly Salary	y Range
	Min	Max
General Manager	Determined by o	ontract
Engineering Manager	<mark>\$14,676</mark>	\$20,558
Operations Manager	\$14,676	\$19,191
GIS Manager	\$11,173	\$11,173
Wastewater Supervisor	\$10,160	\$13,547
Office Manager	\$8,467	\$12,418
Administrative Assistant II	\$7,347	\$10,288
Administrative Assistant I	\$6,389	\$8,944
Management Analyst I	\$6,905	\$9,670
Water Operator III	\$6,476	\$9,067
Water Operator II	\$6,427	\$8,880
Water Operator I	\$5,491	\$7,595
Wastewater Operator II	\$5,452	\$7,632
Wastewater Operator I	\$4,740	\$6,636
Office Assistant	\$4,158	\$5,823
Part 1	Time Employees (Hourly)	
P/T Management Analyst	\$32.49	\$43.89
P/T Administrative Assistant	\$32.49	\$43.89
P/T Office Assistant	\$17.52	\$28.58
Interns	\$18.06	\$29.44



Salary Schedule

Effective July 1, 2024 through June 30, 2025

Classification	Monthly Salary Range				
	Min	Max			
General Manager	Determine	ed by contract			
Engineering Manager	\$15,131	\$21,196			
Operations Manager	\$15,131	\$19,786			
GIS Manager	\$10,826	\$11,865			
Wastewater Supervisor	\$10,475	\$13,967			
Office Manager	\$8,730	\$12,803			
Administrative Assistant II	\$7,575	\$10,607			
Administrative Assistant I	\$6,587	\$9,221			
Management Analyst I	\$7,119	\$9,969			
Water Lead Operator	\$7,500	\$9,500			
Water Operator III	\$6,676	\$9,349			
Water Operator II	\$6,626	\$9,155			
Water Operator I	\$5,662	\$7,830			
Wastewater Lead Operator	\$7,180	\$9,356			
Wastewater III	\$6,394	\$8,758			
Wastewater Operator II	\$5,621	\$7,869			
Wastewater Operator I	\$4,887	\$6,842			
Office Assistant	\$4,287	\$6,004			
Part	Time Employees (Hourly	<i>(</i>)			
P/T Management Analyst	\$32.49	\$43.89			
P/T Administrative Assistant	\$33.49	\$45.25			
P/T Office Assistant	\$17.52	\$28.58			
Interns	\$18.06	\$29.44			



TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: SEWER MANHOLE ADJUSTMENT AWARD TO R.J. NOBLE

DATE DECEMBER 19, 2024

Background

The County of Orange (County) has begun asphalt overlay work in northwest Tustin (South of 17th street). The County lowered 70 District sewer manholes prior to cold milling the asphalt as a part of their work. The District is responsible for raising the sewer manholes to grade following the County overlay and must contract direct for this work as a County requirement.

Prior to the start of work, staff requested proposals from the County's contractor, Horizon Construction and R.J. Noble to perform the final adjustment to finished grade for the District's facilities. RJ Noble provided the lower estimate at \$91,500 compared to Horizon's \$103,250.

Staff recommends award of a contract, in the amount of \$91,500, to R.J. Noble for the sewer manhole adjustments. RJ Noble is currently working on another overlay project in the area and has provided good performance for the District in the past.

Recommendation

That the Board approve a contract with R.J. Noble in the amount of \$91,500 to raise manholes in support of the County paving project in Tustin.

Attachment(s): None



TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: DESIGNATION OF AUTHORIZED AGENT

DATE DECEMBER 19, 2024

Background

The District received notification from the California Office of Emergency Services and the United States Environmental Protection Agency of grant awards for the Local Hazard Mitigation Planning, Advanced Metering Infrastructure, and Peters Canyon Reservoir Seismic Reconstruction projects. To execute grant applications and grant recipient documentation the General Manager is requesting designation as the District's Authorized agent.

Recommendation

That the Board approve Resolution No . 949 in support of future grant applications and grant awards.

Attachment(s): Resolution No. 949

Designation of Applicant's Agent Resolution, CalOES Form 130

RESOLUTION NO. 949

RESOLUTION OF THE EAST ORANGE COUNTY WATER DISTRICT BOARD OF DIRECTORS DESIGNATING SUBRECIPIENT'S AGENT FOR HAZARD MITIGATION GRANT PROGRAM AND PRE-DISASTER MITIGATION PROGRAM

IT IS HEREBY RESOLVED BY THE BOARD OF DIRECTORS ("BOARD") OF THE EAST ORANGE COUNTY WATER DISTRICT ("EOCWD"):

- Section 1. That David Youngblood, General Manager (hereinafter, "Agent") is authorized to execute, for and on behalf of EOCWD, a public entity established under the laws of the State of California, this application and to file it with the California Governor's Office of Emergency Service for the purpose of obtaining certain federal financial assistance for any existing or future grant program.
- Section 2. That such existing or future grant programs include, but are not limited to, Federally Declared Disaster (DR), Fire Mitigation Assistance Grant (FMAG), California State Only Disaster (CDAA), Immediate Services Program (ISP), Hazard Mitigation Grant Program (HMGP), Building Resilient Infrastructure and Communities (BRIC), Legislative Pre-Disaster Mitigation Program (LPDM) under Public Law 93-288 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act;
- Section 3. That such existing or future grant programs may also include Flood Mitigation Assistance Program (FMA), under Section 1366 of the National Flood Insurance Act of 1968; National Earthquake Hazards Reduction Program (NEHRP) 42 U.S. Code 7704 (b)((2) (A) (ix) and 42 U.S. Code 7704 (b) (2) (B) National Earthquake Hazards Reduction Program, and also The Consolidated Appropriations Act, 2018, Div. F, Department of Homeland Security Appropriations Act, 2018, Pub. L. No. 115-141; or California Early Earthquake Warning (CEEW) under CA Gov Code Gov, Title 2,Div. 1, Chapter 7, Article 5, Sections 8587.8, 8587.11, 8587.12.
- Section 4. That EOCWD, a public entity established under the laws of the State of California, hereby authorizes its Agent to provide to the California Governor's Office of Emergency Service for all matters pertaining to such state disaster assistance the assurances and agreements required.
- Section 5. That this is a universal resolution and is effective for all open and future Disasters/Grants up to three (3) years following the date of approval.
- Section 6. That the General Manager, or his designee, is authorized to take any action as may be reasonably necessary to effectuate the purpose of this Resolution.

Section 7. That the General Manager and/or Board Secretary are authorized to execute and deliver a signed copy of this Resolution, or if required a form resolution granting the same such authority, to the California Governor's Office of Emergency Services and/or any other public agency necessitating a copy of this Resolution.

APPROVED, ADOPTED, AND SIGNED this 19th day of December 2024.

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)
COUNTY OF ORANGE) ss.)
I, JEFFREY A. HOS	KINSON, Secretary of the Board of Directors of the EAST
ORANGE COUNTY WATE	ER DISTRICT, do hereby certify that the foregoing Resolution
No. 949 was duly adopted by	y the Board of Directors of said District at a Regular Meeting of said
District held on December 19	9, 2024 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

006313.00001 31918520.1

RECOVERY DIRECTORATE FINANCIAL PROCESSING DIVISION

Cal OES ID No: _____

OES-FPD-130 (Rev. 10-2022)

DESIGNATION OF APPLICANT'S AGENT RESOLUTION FOR NON-STATE AGENCIES

BE IT RESOLVED BY T	HE OF THE	
	HEOF THE (Governing Body)	(Name of Applicant)
THAT _		, OR
	(Title of Authorized Agent)	
-		, OR
	(Title of Authorized Agent)	
	(Title of Authorized Agent)	
is hereby authorized	d to execute for and on behalf of the	
and to file it with the purpose of obtaining	blished under the laws of the State of e California Governor's Office of Eme ig federal financial assistance for any but not limited to any of the followin	rgency Services for the existing or future grant
California State Mitigation Gra	ared Disaster (DR), Fire Mitigation Ass e Only Disaster (CDAA), Immediate So nt Program (HMGP), Building Resilient (BRIC), Legislative Pre-Disaster Mitigat	ervices Program (ISP), Hazard Infrastructure and
Emergency As	288 as amended by the Robert T. Sta sistance Act of 1988, and/or state fine ster Assistance Act.	
- Flood Mitigation Flood Insurance	on Assistance Program (FMA), under See Act of 1968.	ection 1366 of the National
((2) (A) (ix) and Reduction Pro	quake Hazards Reduction Program (Nd 42 U.S. Code 7704 (b) (2) (B) Nation gram, and also The Consolidated Ap Homeland Security Appropriations A	al Earthquake Hazards propriations Act, 2018, Div. F,
	y Earthquake Warning (CEEW) under 0 r 7, Article 5, Sections 8587.8, 8587.11,	
That the	, a public er	tity established under the
laws of the State of Governor's Office of	, a public en Name of Applicant) California, hereby authorizes its agen of Emergency Services for all matters p The assurances and agreements requ	t(s) to provide to the pertaining to such state

(Name of Applicant)

(Signature)

RECOVERY DIRECTORATE FINANCIAL PROCESSING DIVISION

NON-STATE AGENCIES

OES-FPD-130 (Rev. 10-2022)

Plea	se check the appropriate box below
	This is a universal resolution and is effective for all open and future disasters/grants declared up to three (3) years following the date of approval.
	This is a disaster/grant specific resolution and is effective for only disaster/grant number(s):
Pass	ed and approved thisday of, 20
	(Name and Title of Governing Body Representative)
	(Name and Title of Governing Body Representative)
	(Name and Title of Governing Body Representative)
	CERTIFICATION
l,	, duly appointed andof (Name) (Title), do hereby certify that the above is a true and
	(Name of Applicant)
corr	ect copy of a resolution passed and approved by the(Governing Body)
of th	e on the day of 20

(Title)

RECOVERY DIRECTORATE FINANCIAL PROCESSING DIVISION

Cal OES Form 130 Instructions

A Designation of Applicant's Agent Resolution for Non-State Agencies is required of all Applicants to be eligible to receive funding. A new resolution must be submitted if a previously submitted resolution is older than three (3) years from the last date of approval, is invalid, or has not been submitted.

When completing the Cal OES Form 130, Applicants should fill in the blanks on pages 1 and 2. The blanks are to be filled in as follows:

Resolution Section:

OES-FPD-130 (Rev. 10-2022)

Governing Body: This is the group responsible for appointing and approving the Authorized Agents.

Examples include: Board of Directors, City Council, Board of Supervisors, Board of Education, etc.

Name of Applicant: The public entity established under the laws of the State of California.

Examples include: School District, Office of Education, City, County or Non-profit agency that has applied for the grant, such as: City of San Diego, Sacramento County, Burbank Unified School District, Napa County Office of Education, University Southern California.

Authorized Agent: These are the individuals that are authorized by the Governing Body to engage with the Federal Emergency Management Agency and the California Governor's Office of Emergency Services regarding grants for which they have applied. There are two ways of completing this section:

- 1. Titles Only: The titles of the Authorized Agents should be entered here, not their names. This allows the document to remain valid if an Authorized Agent leaves the position and is replaced by another individual. If "Titles Only" is the chosen method, this document must be accompanied by either a cover letter naming the Authorized Agents by name and title, or the Cal OES AA Names document. The supporting document can be completed by any authorized person within the Agency (e.g., administrative assistant, the Authorized Agent, secretary to the Director). It does not require the Governing Body's signature.
- Names and Titles: If the Governing Body so chooses, the names and titles of the Authorized Agents would be listed. A new Cal OES Form 130 will be required if any of the Authorized Agents are replaced, leave the position listed on the document, or their title changes.

OES-FPD-130 (Rev. 10-2022)

Checking Universal or Disaster-Specific Box: A Universal resolution is effective for all past disasters and for those declared up to three (3) years following the date of approval. Upon expiration it is no longer effective for new disasters, but it remains in effect for disasters declared prior to expiration. It remains effective until the disaster goes through closeout unless it is superseded by a newer resolution.

Governing Body Representative: These are the names and titles of the approving Board Members.

Examples include: Chairman of the Board, Director, Superintendent, etc. The names and titles **cannot** be one of the designated Authorized Agents. A minimum of three (3) approving board members must be listed. If less than three are present, meeting minutes must be attached in order to verify a quorum was met.

Certification Section:

Name and Title: This is the individual in attendance who recorded the creation and approval of this resolution.

Examples include: City Clerk, Secretary to the Board of Directors, County Clerk, etc. This person cannot be one of the designated Authorized Agents or Approving Board Member. If a person holds two positions (such as City Manager and Secretary to the Board) and the City Manager is to be listed as an Authorized Agent, then that person could sign the document as Secretary to the Board (not City Manager) to eliminate "Self-Certification."



TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: NOTICE OF VACANCY IN DIVISION 4 AND PROCEDURES FOR FILLING

DATE: DECEMBER 19, 2024

Background

Director John Nielsen, Division 4 notified the District that he was resigning his position on the Board of Directors, effective December 3, 2024, creating a vacancy on the Board. With the Board's acceptance of the resignation, the Board has 60 days from December 3, 2024, to appoint a successor. Director Nielsen's seat is up for election on November 3, 2026; such that an appointed successor will serve the remainder of his term until December 4, 2026 (first Friday in December).

If the Board elects to pursue the appointment of a replacement, Staff recommends that the attached Notice of Vacancy be advertised from December 20, 2024, through January 15, 2025, in the following areas:

- 1) Transmit a Press Release with the Notice of Vacancy to the *Orange County Register and any other news organizations identified by staff.*
- 2) Transmit a Press Release with the Notice of Vacancy to the *Foothill Sentry*.
- 3) Publish an advertisement of the vacancy in the *Orange County Register* as soon as possible.
- 4) Post a notice of the vacancy in the front banner of the EOCWD website.
- 5) Post a "Notice of Vacancy" at the Tustin, Orange and El Modena Libraries.
- 6) Post a "Notice of Vacancy" in the marquee at the District Administrative Office; and
- 7) Post notice at other locations and/or in such other mediums, such as social media, as the General Manger may determine appropriate and potentially effective.

An application form, including general information and a request for a resume, will be prominently placed on the District's website commencing December 20, 2024, or as soon thereafter as reasonably possible; the information will also be available in the District office. Applicants must meet two requirements: 1) they must be a resident within the District's service area within District 4 and, 2) a registered voter within the District. The District Secretary would confirm that each applicant has met these requirements prior to the Board interviewing the candidates.

Interviews would be scheduled, at the discretion of the Board President and General Manager, based on the number of applications received, for either (1) a special Board Meeting to be held before the Regular Board Meeting in January; or (2) the January 23, 2025 Regular Board Meeting. It is recommended that after the interviews are held, that the Board discuss and vote to fill the vacancy. The successful candidate would then be seated at the Regular Board Meeting, unless deferred to a subsequent special meeting.

The recommended schedule for filling the vacancy is:

Approve Notice of Vacancy
Advertise Vacancy
Applications Due
Verification of Eligibility
Potential Special Meeting Interviews
Appointment and Swearing-In of New
Board Member

December 19, 2024 December 20, 2024 – January 8, 2025 January 15, 2025 January 15-21, 2025 January 21, 2025, 5:00 p.m.

January 23, 2025, 5:00 p.m.

Recommendation

The Board determine that the vacancy shall be filled by appointment within the 60-day period allowed by law, and direct the General Manager to give notice of the Board's intention to fill the vacancy by appointment in the form of the Notice and affidavit as presented.



EAST ORANGE COUNTY WATER DISTRICT BOARD MEMBER APPLICATION

Thank you for your interest in joining the East Orange County Water District Board of Directors. Please use this form to provide your information. This information will be shared with staff and Board members.

Name:		
		Cell Phone Number:
Mailing Addre	ess:	
Email Address	s:	

Qualification	<u>s</u> (candidate may answer below o	or attached a separate sheet)
1. Briefly Distric	• •	be a Board member at East Orange County Water
2. Please	describe your relevant experience	e and/or employment (you may attach a resume').
	do you understand to be the respont t Board of Directors?	nsibilities of a member of the East Orange County Wa

4.	How has your background prepared you to complete those responsibilities?
5.	Have you attended or watched East Orange County Water District Board meetings?
6.	What other volunteer commitments do you currently have?
7.	Have you ever served as a Board or Committee member for the East Orange County Water District, or any other special district or public agency? If yes, please list the Boards or Committees you served on, position held, and the years.
8.	Board meetings are held on the third (4 th) Thursdays of the month at 5:00 p.m. Will you generally be able to attend each Board meeting: () Yes () No
9.	Please share any other information you feel important for consideration of your application to serve as an EOCWD Board member.

10. The term of office will end November 2026, when an election will be held to fill the seat for the next 4-year term. Are you interested in running for election at that time?

Please email your application to sprado@eocwd.com no later than 5:00 p.m. on January 15, 2025, or deliver such application in a manner that it arrives at the following locations by such time.

Mailing or Drop-Off: 185 N. McPherson Orange, CA 92869

The Board reserves the right, in its sole discretion, to consider late applications. If you have any questions, please call Sylvia Prado at (714) 538-5815.



TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: RETAIL SYSTEM LOAN

DATE DECEMBER 19, 2024

Background

During the development of the 2023 rate study. Cash flow needs were identified based on the planned capital improvements necessary during the timing of the rate study. The study indicated that the retail water system would be short of funds after completion of several large infrastructure projects. These projects are now completed and the total cost impact has been analyzed.

While the rate study indicated that \$2 million would be needed it was based on preliminary data rather than actual costs. Based on the final costs of these projects, a \$4 million loan is needed to keep the retail systems reserves at or near target levels. Minimal retail system capital spending is projected for the next few years. The sewer system has approximately \$50 million in reserves and can support a loan of \$4 million to the retail system.

The loan will be repaid through 15 equal annual installments. The borrowing rate for the loan will be variable based on the Pooled Money Investment Account (PMIA) average monthly yields as published by the Local Agency Investment Fund (LAIF). The interest shall be calculated and paid annually along with the annual principal payment.

This loan and its repayment were contemplated in the rate study and although the amount of the loan has increased from the study, the loan is supported by current rate structures and no modification is necessary. This loan saves the retail water fund on the cost of debt issuance and provides investment income to the sewer fund.

Recommendation

That the Board approve Resolution No. 950 formalizing the loan of \$4 million from the sewer fund to the retail water fund.

Attachment(s): Resolution No. 950

RESOLUTION NO. 950

RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT AUTHORIZING A LOAN OF FUNDS FROM THE SEWER FUND TO THE RETAIL ZONE FUND

WHEREAS, on or about June 27, 2024, the Board of Directors ("Board") of the East Orange County Water District ("EOCWD") in conjunction with its adoption of its Fiscal Year ("FY") 2024-25 Budgets contemplated a loan from EOCWD's Sewer Zone to the Retail Zone;

WHEREAS, the Board desires to memorialize and confirm a transfer and loan of funds in the amount of \$4,000,000 from the Sewer Fund's Pooled Cash hereinafter referred to as the "Lending Fund," to the Retail Zone Fund Pooled Cash, hereinafter referred to as the "Borrowing Fund";

WHEREAS, the funds made available by the transfer and loan were deposited in the Borrowing Fund and have been used to pay for future and past costs for the Circular Panorama Pipeline Replacement project; and

WHEREAS, EOCWD intends that the sources of money to repay the loan will be through rates, charges, assessments, and/or standby assessments or charges imposed on customers and lands within the Retail Zone Service Area.

NOW, THEREFORE, the Board of Directors of the East Orange County Water District DOES HEREBY RESOLVE, DETERMINE AND ORDER as follows:

Section 1. The Board finds and determines that (a) the Lending Fund monies transferred and loaned under and pursuant to the terms of this Resolution are not required for the immediate necessities of that fund, (b) such funds will be fully repaid well before they are required for the necessities of such fund, (c) there is a source of money available to ensure repayment of the loan provided hereunder, and (d) the loan provided pursuant to this Resolution is wise and expedient and in the best interests of EOCWD.

Section 2. The General Manager is hereby authorized and directed to memorialize and confirm a transfer of \$4,000,000 from the Lending Fund to the Borrowing Fund for future and past costs related to the Circular Panorama Pipeline Replacement, the District Headquarters and the Vanderwerff Well projects.

Section 3. The General Manager shall keep or cause to be kept detailed records of the funds transferred in order that an accurate record of the liability to the Lending Fund can be ascertained and monitored.

Section 4. The Retail Zone shall pay the Lending Fund the sum of \$4,000,000 for advances to the Retail's Zone Borrowing Fund from the Lending Fund (hereinafter referred to as the "principal sum") in fifteen equal annual installments on January 1st of each year, beginning January 1, 2025, with interest thereon from January 1, 2026, until payment of the principal sum has been paid in full; provided, however, the Retail Zone, upon six months advance notice from EOCWD, shall repay the then balance owing on the principal sum or a portion thereof, plus accrued interest thereon, as determined by the Board to be needed for the Lending Fund. Such installments and interest shall be paid through rates, charges, assessments, and/or standby charges or assessments imposed on customers and lands within the Retail Zone Service Area.

Section 5. Interest on unpaid principal shall be charged at a variable rate based on the Pooled Money Investment Account ("PMIA") average monthly yields as published by the Local Agency Investment Fund ("LAIF"). Interest shall be calculated and paid annually on the same date that the annual principal payment is made.

ADOPTED, SIGNED AND APPROVED this 19th day of December, 2024.

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 therof

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. 950 was duly adopted by the Board of Directors of said District at Regular Meeting of said District held on December 19, 2024, 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 therof



TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: INVESTMENT BALANCE ADJUSTMENTS

DATE DECEMBER 19, 2024

Background

With the recent completion of numerous capital projects the District has expended capital reserve funds to complete these projects. Those expenses were paid for with liquid assets and those are now diminished. In order to maintain flexibility, it is necessary to liquidate some longer terms investments and move those to more liquid investments.

Specifically, \$5 million will be liquidated from longer term investments and moved into the CA CLASS Prime Fund which allows direct access to the funds.

The table below demonstrates the adjustments being made:

	Balance at	Proposed	E	Balance after
District Cash & Investments	11/30/24	Transfer		Transfer
Unrestricted				
Local Agency Investment Fund (LAIF)	\$ 100,466	\$ -	\$	100,466
U.S. Bank - Sewer	9,164,788	(5,000,000)		4,164,788
Raymond James Brokerage	7,675,120	-		7,675,120
CA CLASS Prime Fund	2,319,685	5,000,000		7,319,685
Citizens Business Bank	2,033,584	-		2,033,584
Total Unrestricted	21,293,642	-		21,293,642
Restricted				
Total Restricted	31,001,607	-		31,001,607
Total District Cash & Investments	\$ 52,295,249	\$ -	\$	52,295,249

The Board has delegated the authority to make these changes in investments to the General Manager so the changes are being reported for informational purposes only.

Recommendation

Informational.



TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: SEWER MASTER PLAN AND MANAGEMENT PLAN AWARD

DATE: DECEMBER 19, 2024

Background

Master plans are critical to the District's future financial planning efforts as they provide assessment of the capital facilities current condition, remaining useful life, and plans for repair and future replacement. The capacity of the District's facilities is also assessed and recommendations made regarding expansion and capacity upgrades. The District's most recent Sewer Master Plan was completed in 2018 and the Sewer System Management Plan in 2019. Updates to the Sewer Master Plan and Sewer System Management Plan (SSMP) are recommended considering infrastructure improvements, regulation changes, and regulatory timeline requirements.

Staff sent a Request for Proposal (RFP) for the Sewer Master Plan and SSMP updates to five consultants. Two consultants, Dopudja & Wells (DW) and Akel Engineering (AE), attended the preproposal meeting and submitted proposals. The other consultants declined citing insufficient resources and other reasons. As was experienced with the water master plan RFP, the project size is suited to small engineering firms, which are few, and it is difficult to attract larger engineering firms with the limited scope. While only two firms submitted, staff believes both would produce a good report. DW submitted the lower cost proposal of \$204,600 compared to AE's proposal of \$370,267. At staff's request, an optional task was added to the proposal to assess laterals currently connected to OCSAN and develop plans for reconnection to EOCWD to comply with OCSAN's current standards. DW's proposed cost for this optional task is \$28,530. Staff reviewed the proposals, finds DW's proposal to be consistent with the level of effort, and recommends award of the project, in the amount of \$233,130 with the optional task, to DW based on their team and overall excellent value. It should be noted that none of the proposals received met the schedule in the RFP and staff finds DW's proposed schedule acceptable.

This item was reviewed by the Engineering and Operations Committee at the meeting on November 14, 2024 and the Committee supported presenting the award to the Board for approval.

Recommendation

That the Board award a Professional Services Agreement in the amount of \$233,130 to Dopudja & Wells to complete the Sewer Master Plan and SSMP.

Attachment(s): Dopudja & Wells Proposal





Proposal

Sewer Master Planning Services

October 15, 2024

Submitted By





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October 15, 2024

Mr. Jeff Smyth, P.E. Engineering Manager East Orange County Water District 185 N. McPherson Road Orange, CA 92869

SUBJECT: Request for Proposals for Sewer Master Plan and Sewer System Management Plan

Dear Mr. Smyth,

Dopudja & Wells Consulting (Dopudja & Wells) understands that the East Orange County Water District (EOCWD) is soliciting proposals for sewer collection system master planning services. Additionally, EOCWD wished to update its Sewer System Management Plan (SSMP) to maintain regulatory compliance.

Dopudja & Wells team members have performed collection system planning, modeling, calibration, and hydraulic impact studies throughout Southern California. Our approach to collection system planning projects, honed through this experience, has been developed for EOCWD as follows:

- 1. Make the Contributing Agencies into Stakeholders for developing clear land use planning projections
- 2. Develop a fully updated hydraulic model for this and future evaluations
- 3. Correctly identify and classify flows that are taking capacity in EOCWD's collection sSystem.

Dopudja & Wells is excited to bring our staff's reputations and decades of experience successfully solving planning challenges to EOCWD. In reviewing our proposal, we're confident you will agree that we have completed a list of projects that would rival many firms of larger size and longer history. We ask that you call our references and discuss our performance on these projects to find out how much value we can add when our strengths align with our clients' requirements.

Please do not hesitate to contact Stephen Dopudja at stephen.dopudja@dopudjawells.com or at 949.842.4370 if there are any questions.

Sincerely,

Dopudja & Wells Consulting

Hoh Ong

Stephen Dopudja, P.E. – President and Project Principal

on Wells, P.E. – Project Manager

Understanding and Approach

The East Orange County Water District (District, EOCWD) is seeking an engineering consultant to prepare a master plan (2025 Sewer Master Plan) and sewer system management plan update (2025 SSMP Update) for the District's sewer collection system. The District last completed a sewer master plan in 2018 (2018 Sewer Master Plan), and last updated the SSMP in 2019

The EOCWD sewer service area includes a large portion of the City of Tustin, portions of the City of Orange, and portions of unincorporated County of Orange. These agencies are collectively identified as the Contributing Agencies in this proposal. The sewer service area for the District includes approximately 17,000 connections and 90,000 people. The number of connections and the number of people served have the potential for growth because of septic conversions, land use densification project, including high-rise multifamily development, and Accessory Dwelling Unit (ADU) development.

The District is seeking to prepare the 2025 Sewer Master Plan for the sewer service area in order to evaluate system capacity and system condition; to make recommendations for required infrastructure improvements, repair, replacement, rehabilitation, and additions; and to prepare a long-range Capital Improvements Program (CIP). These improvement plans must account for significant areas in the sewer system that are on septic systems and must include a long-range plan for future septic conversion.

The purpose of the District's request for a 2025 SSMP Update is to ensure compliance with the State Water Board Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, Water Quality Order No. 2022-0103-DWQ (Sanitary Sewer Systems General Order). The latest updates to this order must be considered in the development of the 2025 SSMP Update.

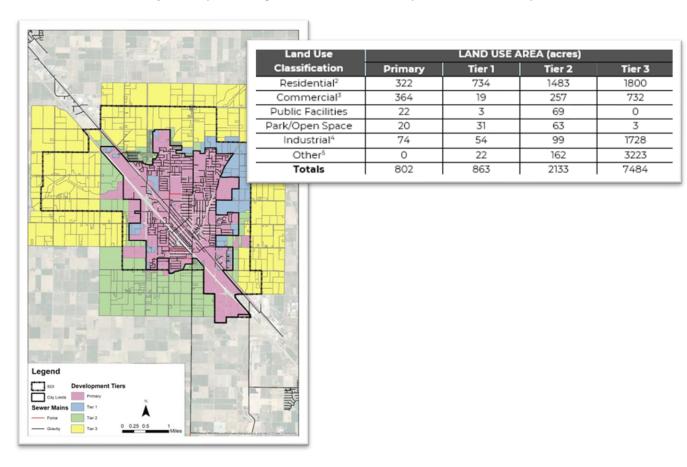
To meet the objectives of the District for these planning documents as described above, Dopudja & Wells has identified the following key elements to our approach for this effort:

- Make the Contributing Agencies into Stakeholders for developing clear land use planning projections
- Develop a fully updated hydraulic model for this and future evaluations
- Correctly identify and classify flows that are taking capacity in the District's Collection System

Make the Contributing Agencies into Stakeholders for Developing Clear Land Use Planning Projections

Effective collection system planning requires accurate land use planning projections. The District is at a disadvantage in developing such projections, because unlike a city with a collection system, the District does not control the land use that contributes flows to its collection system.

Dopudja & Wells has experience developing master plans in similar situations and understands that the most effective plan in these cases is to treat the land use agencies as active stakeholders in the planning process. By collaborating closely with the Contributing Agencies, rather than treating them as afterthoughts to the process; we are able to actively engage with the Contributing Agencies to inform them how effective collection system planning can facilitate their potential development efforts.

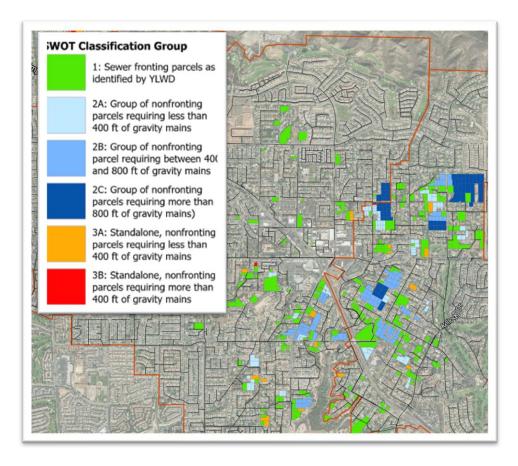


Dopudja & Wells is completing a collection system master plan for the Selma Kingsburg Fowler County Sanitation District. Independent land use projections were developed for each City, incorprating the unique planning circumstances for each.

In the EOCWD sewer service area, it will be critical to identify the following land use conditions:

- Vacant parcels with development potential
- Developed parcels with potential for densification
- Potential ADU areas
- Septic conversion opportunities

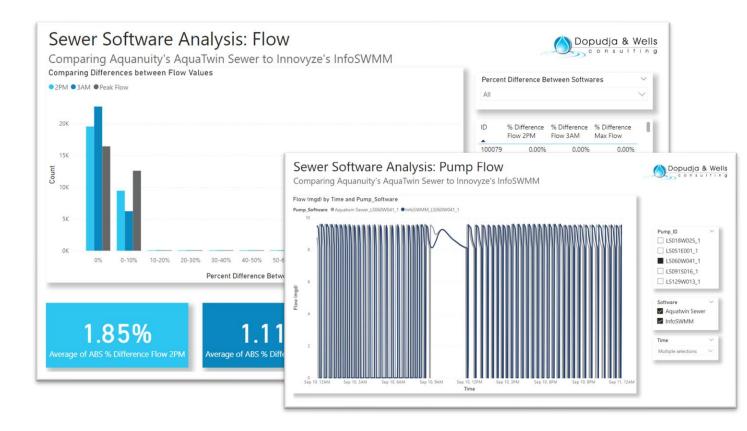
With regard to the septic conversion opportunities, we understand that not all septic parcels are well suited for connection to the collection system. Based upon the EOCWD's existing Septic Study in conjunction with our own research, we will "triage" the septic parcels into three tiers: 1) Easiest to Convert, 2) Possible to Convert, and 3) Unlikely to Convert.



Dopudja & Wells is completing a septic to sewer evaluation for Yorba Linda Water District that uses the triage classification described above.

Develop a Fully Updated Hydraulic Model for This and Future Evaluations

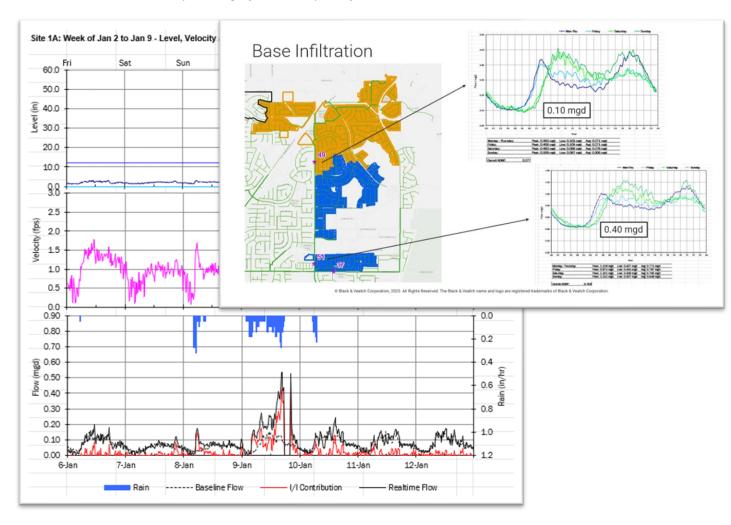
The District's current hydraulic model utilizes the InfoSewer hydraulic modeling software. The modeling engine for this software is essentially static, although it allows for extended period simulations. Because this software is being sunsetted by the software company, the District's hydraulic model will need to be converted. This conversion is actually a fantastic opportunity to develop a fully dynamic hydraulic model that will better evaluate the capacity available in the District's collection system. The updated model will incorporate diurnal patterns and dynamic inflow and infiltration values gathered from flow monitoring data. This enhanced capability will provide a more comprehensive assessment of the District's capacity and identify periods of capacity constraints in the system.



Dopudja & Wells has completed several InfoSewer and InfoSWMM hydraulic model conversion projects to create updated hydraulic models, and has developed PowerBI tools to confirm accurate conversions as shown for IRWD above.

Correctly Identify and Classify Flows That Are Taking Capacity in the District's Collection System

It is easy to underestimate how much capacity is taken up in a collection system by flows that are not generated by collection system customers/users. Non-sanitary flows in the collection system can include Rainfall Dependent Inflow and Infiltration (RDII) as well as Base Infiltration (BI). Dopudja & Wells has extensive experience in deconstructing flow monitoring data into sanitary flows, BI flows, and RDII flows. In some cases, rather than focusing on improvement projects involving pipeline or pump station capacity increases, external flow elimination programs can be more cost effective solution for improving system capacity.



Dopudja & Wells performs statistical estimation of Base Infiltration for all flow monitoring data. In residential areas with high night-time as shown above, it is likely that Base Infiltration is contributing heavily to flows.

Scope of Work

The scope of work for the 2025 Master Plan and the 2025 SSMP Update is provided below. Deliverables are shown in BLUE. Meetings/workshops, presentations, and planned collaboration are shown in RED.

Task S-1 Request, Catalog, and Review Existing Documents and Data Subtask S-1.1 Review Existing Documents and Data

Dopudja & Wells will submit and maintain a data request log for information including, but not limited to current and proposed land use data, current hydraulic model, water billing data for flow development, flow meter data, and as-built drawings. Dopudja & Wells will review the 2018 Master Plan, 2020 Addendum, Septic Report, land use information, water use data, GIS and flow monitoring data, and other relevant available information.

Subtask S-1.2 Deliver Chapter 2: Existing System Description

Based on the data collected in Task S-1, we will update the description of the existing system and submit Draft Chapter 2 - Existing System Description to the District for review.

Task S-2 Create Development Timeline

Subtask S-2.1 Development Outreach

Dopudja & Wells will schedule one outreach meeting with each Contributing Agency's planning department. The purpose of the outreach meeting will be understand where each Contributing Agency is in the General Plan Update schedule, to understand what projection timeframes (2025, 2030, 2040, Beyond) make the most sense for development projection, and to understand the known and projected developments for each Agency in as much detail as possible. Development will be quantified to Equivalent Dwelling Units (EDUs) and acres of non-residential development to the extent possible.

Subtask S-2.2 Timeline Development

Based upon data gathered from each Contributing City in the outreach phase, Dopudja & Wells will developed a detailed development timeline for each City, quantified into EDU and acreage units. The timeframes inside the timeline will be determined through the process, but at least four timeframes will be identified.

Subtask S-2.3 Lead Land Use Development Workshop

Subtask S-2.4 Deliver Chapter 3: Study Area Land Use and Development

Based on the data collected in Task S-2, we will develop and submit Draft Chapter 3 – Study Area Land Use to the District for review

Task S-3 Develop and Implement Flow Monitoring Plan

Subtask S-3.1 Develop Flow Monitoring Plan

Using the District's GIS, hydraulic model, and collaboration with District Staff, Dopudja & Wells will develop a flow monitoring plan that

appropriately gathers both dry weather and wet weather collection system calibration information. Field reconnaissance of potential flow monitoring sites will be conducted, and alternative sites will be developed based upon field conditions. The plan will a contingency for developing wet weather data in the case there is a lack of wet weather events. This contingency will include using historical plant data combined with historical rainfall data to update wet weather factors until wet weather data can be gathered.

Subtask S-3.2 Perform Flow Monitoring

Flow Monitoring will be performed directly by the District

Subtask S-3.3 Review and Deconstruct Flow Monitoring Data Results

Dopudja & Wells will review the flow monitoring results provided by the District and deconstruct the raw data into flow components necessary for hydraulic modeling and capacity evaluation.

Task S-4 Develop Existing and Future Flow Projections

Subtask S-4.1 Develop Dry Weather Flow Factors

Using the data from the flow monitoring task described above, supplemented with water billing data from the Member Cities where necessary, Dopudja & Wells will calculate dry weather flow factors including base flow generation per EDU, base flow generation per acreage of non-residential flow, and groundwater infiltration per acre, where present.

Subtask S-4.2 Develop Wet Weather Flow Factors

Using the data from the flow monitoring task described above, Rainfall Dependent Inflow and Infiltration (RDII) factors will be developed in terms of RTK values. Rainfall data will be reviewed to develop an appropriate design storm to be combined with the RTK factors for wet weather simulations. As discussed above, if wet weather flow data is not available, historical plant and rainfall data will be used to develop preliminary updated wet weather factors.

Subtask S-4.3 Project Existing and Future Flows

The dry and wet weather flow factors will be combined with the development timeline to develop existing and future flow projections for the District.

Subtask S-4.4 Lead Flow Projection Review Workshop

Subtask S-4.5 Deliver Chapter 4: Existing and Future Study Area Flows
Based on the data collected in Task S-4, we will develop and submit Draft
Chapter 4 - Existing and Future Flows to the District for review.

Task S-5 Hydraulic Model Update and Calibration

Subtask S-5.1 Develop Model Transition Plan

Working with the District and software vendors as necessary, Dopudja & Wells will develop a hydraulic model transition plan for the District's InfoSewer model. There are a variety of options available to the District,

and the best plan in the long-term interests of the District will be developed. A Technical Memorandum will be delivered with the plan.

Subtask S-5.2 Perform Confirmation Update for Infrastructure

Dopudja and Wells will coordinate with the District's GIS administrator to confirm model infrastructure.

Subtask S-5.3 Perform Dry Weather Calibration

Dopudja & Wells will calibrate average and peak flow and level information at each of the flow monitoring locations, as well as at the treatment plant if data is available. Values will be calibrated to within 10% of field values as the standard.

Subtask S-5.4 Perform Wet Weather Calibration

Dopudja & Wells will calibrate total RDII and peak RDII values at each of the 15 locations from the flow monitoring, as well as the treatment plant if data is available. Values will be calibrated to within 10% of field values as the standard.

Subtask S-5.5 Lead Calibration Workshop

Subtask S-5.6 Deliver Chapter 5: Hydraulic Model Update and Calibration

Based on the data collected in Task S-5, we will develop and submit Draft Chapter 5 – Hydraulic Model Update and Calibration to the District for review.

Task S-6 Existing and Future Capacity Evaluation

Subtask S-6.1 Develop Performance Criteria

Dopudja & Wells will review and refine where necessary the performance criteria to be used in the evaluation for the collection system.

Subtask S-6.2 Perform Existing Capacity Evaluation

Dopudja & Wells will perform the existing system hydraulic evaluation using the updated model and updated flow projections as developed in previous tasks. The capacity evaluation will include gravity mains, lift stations, and force mains.

Subtask S-6.3 Perform Future Capacity Evaluation

Dopudja & Wells will perform the future system hydraulic evaluation using the updated model and updated flow projections as developed in previous tasks. The capacity evaluation will include gravity mains, lift stations, and force mains. There will be a separate evaluation for each timeframe identified in the development timeline.

Subtask S-6.4 Lead Capacity Evaluation Workshop

Subtask S-6.5 Deliver Chapter 6: Existing and Future Capacity Evaluation

Based on the data collected in Task S-6, we will develop and submit Draft Chapter 6 – Existing and Future Capacity Evaluation.

Task S-7 Develop Collection System Rehabilitation and Replacement Plan Subtask S-7.1 Develop Comprehensive Asset Registry

Using the District's collection system GIS and other supporting documentation, Dopudja & Wells will develop a collection system asset registry. The registry will be Microsoft Excel-based but will maintain linkages to the GIS where possible.

Subtask S-7.2 Perform Desktop Preliminary Prioritization of Assets

Using existing CCTV data and other condition information that the District maintains about the collection system, Dopudja & Wells will perform a preliminary risk assessment and prioritization of the District's collection system assets. This preliminary risk assessment will be used to prioritize further physical inspection of assets as necessary.

Subtask S-7.3 Perform Condition Assessment of Prioritized Assets

The District performs regular CCTV inspection of gravity mains, so it is assumed that further gravity main inspection won't be necessary. This task contains three days of physical inspection for other assets, including the District's collection system pump station.

Subtask S-7.4 Perform Comprehensive Risk Assessment

Using the data gathered as described above, Dopudja & Wells will perform a comprehensive risk assessment based upon likelihood of failure and consequence of failure factors. The factors used will be based upon those developed for the District previously, updated as necessary in collaboration with the District.

Subtask S-7.5 Develop Comprehensive Rehabilitation and Replacement Plan

Dopudja & Wells will develop a rehabilitation and replacement plan for the collection system based upon the risk assessment performed above. The rehabilitation and replacement plan will identify further inspection, repair, rehabilitation, and full replacement priorities in the collection system.

Subtask S-7.6 Lead Rehabilitation and Replacement Workshop

Subtask S-7.7 Deliver Chapter 7: Collection System Rehabilitation and Replacement Plan

Based upon the developed rehabilitation and replacement plan, Dopudja & Wells will develop Draft Chapter 7 – Rehabilitation and Replacement Workshop.

Task S-8 Develop Risk-Prioritized CIP

Subtask S-8.1 Identify Infrastructure Improvements

We will identify and prioritize improvements needed to address the system's current and future capacity deficiencies and rehabilitation/replacement needs to develop a 10-year capital improvement program (CIP) for implementing the identified improvements. We will develop planning-level cost estimates for each project. The CIP will recommend projects for construction in five-year increments and will include improvements to alleviate the existing system deficiencies, to serve future growth, to reduce I/I, better serve the

undeveloped and underserved portions of the District, or other Planning Scenario goals.

Subtask S-8.2 Develop Improvement Costs

Unit costs will be developed based upon historical District costs as well as historical cost records maintained by Dopudja & Wells. Unit costs will be used to develop project costs.

Subtask S-8.3 Prioritize Improvements Using Risk Classification

We will assign project triggers and the associated timing to each CIP project and summarize each project in a CIP Project Sheet and the CIP tracking spreadsheet. The CIP spreadsheet will include project cost information that can easily be adjusted along with the CIP year for easy budgeting.

Subtask S-8.4 Lead CIP Workshop

Subtask S-8.5 Deliver Chapter 8: Collection System Capital Improvement Program

The prioritized CIP will be summarized in Draft Chapter 8 – Capital Improvement Program and submitted to the District for review.

Task S-9 Produce Master Plan Reports and Supporting Deliverables

Subtask S-9.1 Deliver Draft 2025 Master Plan

We will develop an Executive Summary and compile and submit a Draft Master Plan that incorporates the District's comments on draft chapters submitted to date. We will meet with the District to review District staff comments on the Draft Report.

Subtask S-9.2 Lead Draft Master Plan Review Meeting

Subtask S-9.3 Deliver Final 2025 Master Plan

We will incorporate District comments, develop the Final Master Plan, and submit it to the District. We will attend one District Board Meeting to present the findings of the Master Plan.

Subtask S-9.4 Develop and Deliver Mapping and Modeling Deliverables to Support Sewer Master Plan

Subtask S-9.5 Create and Deliver Committee and Board Presentations to Support Sewer Master Plan

Task S-10 Produce Updated Sewer System Management Plan Subtask S-10.1 Perform SSMP Audit

We will conduct an audit of the District's Sewer System Management Plan (SSMP) using a gap assessment methodology that evaluates the District's current SSMP documentation against the District's actual practices and the reissuance of the Statewide Sanitary Sewer System General Order. We will conduct two workshops or staff interview sessions to assess existing practices, and identify and prioritize the revisions that are needed to close each gap that is found

Subtask S-10.2 Use Audit Results to Update SSMP

Using the results of the audit conducted as described above, we will update the SSMP document based upon the gaps identified.

Subtask S-10.3 Conduct SSMP Workshop/Training

We will conduct up to eight hours of SSMP explanation and training for targeted staff after completion of the SSMP.

Task S-11 Project Control

Subtask S-11.1 Project Management.

Dopudja & Wells will provide overall project management and coordination of the project team including day-to-day administration, communication with the District, coordination of team members and sub-consultants, and monthly invoicing. Dopudja & Wells will also prepare and maintain a project schedule and attend bi-weekly progress and status calls.

Subtask S-11.2 Quality Control

Dopudja & Wells will review all submittals prior to submitting to the District. Review will include Project Manager, Project Principal, and/or Technical Advisor as appropriate. In addition, all submittals will undergo the independent QA/QC reviews required by Dopudja & Wells.

Subtask S-11.3 Regular Status Meetings

Dopudja & Wells will conduct bi-weekly status meeting throughout the project duration.

Task S-12**Optional** Orange County Sanitation District Direct Customer Connection Evaluation **Optional**

Subtask S-12.1 Historical Review of Direct Connection Issue

There are numerous parcels within the EOCWD sewer service area that are connected directly to Orange County Sanitation District (OC San) collection system infrastructure. Current OC San regulations prohibit such direct connections. Dopudja & Wells will review the history of these direct connections. The outcome of the review will be detailed context of the direct connection issue for EOCWD staff as they evaluate technical solutions to the issue.

Subtask S-12.2 Development of Conceptual-Level Infrastructure to Remove Direct Connections

Dopudja & Wells will layout and quantify new collection system infrastructure that would be required serve the directly connected parcels. The conceptual layouts will establish general horizontal and vertical alignments of the required infrastructure, but will not evaluate sub-surface utility conflicts and similar. Conceptual level costs will be developed for this infrastructure.

Subtask S-12.3 Lead Direct Connection Workshop

Subtask S-12.4 Deliver Chapter 9 - OC San Direct Connection Evaluation

The evaluation will be summarized in Draft Chapter 9 – OC San Direct Connection Evaluation and submitted to the District for review.

Team and Experience

The Dopudja & Wells Firm, Team, and Experience are detailed below.

Firm Overview

Dopudja & Wells Consulting was founded as a specialty consulting firm that provides our water, wastewater, and recycled water utility clientele with hydraulic modeling, planning, senior-level strategic advisory services, program management, project management, owner's representation, public-private partnerships, and staff augmentation services. Our staff have unparalleled expertise in utility management and in the ability to solve complex technical and political challenges, not found in many traditional consulting firms. We have considerable experience in the public sector and specialty consulting, making use of our staff's experience as elected directors to water/wastewater agencies. Due to our expertise in both the public utility and consulting fields, we have developed a proven approach to work in collaborative partnership with our clients to assist them in solving their complex issues.

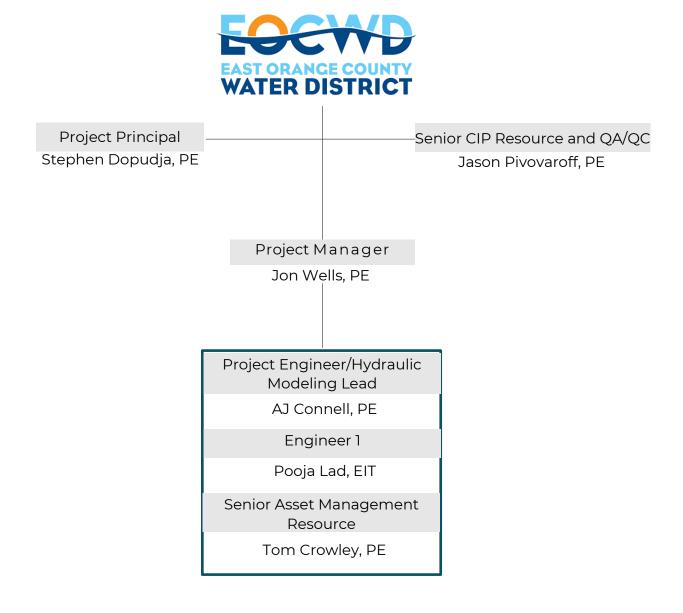
Dopudja & Wells Consulting focuses on professionalism, honesty, integrity, and a commitment to always be forthright with our valued clients and their communities. With over 175 years of combined staff experience in utility management, master planning, and hydraulic modeling, we bring a unique water industry expertise to each of our valued clients and their projects.

Dopudja & Wells Consulting is headquartered in Orange County, CA but serves clients throughout California. We have eight employees focusing on strategic advisory, master planning, and hydraulic modeling services. We have partnered with 30 clients across California, completing over 50 projects as a firm. Our Principals have completed hundreds of projects across the state during their careers.



Project Team

The Dopudja & Wells team members who will actively work alongside EOCWD team are presented in the organization chart below. These team members have well over 100 years of experience providing planning services. Detailed resumes are provided in Appendix A. Summaries of experience and value provided to the EOCWD team are provided below the organizational chart.



The Dopudja & Wells Team has the experience to work as an extension of EOCWD Staff. The value of each team member in contributing to successful sewer master plan delivery for EOCWD is summarized below.



Jon Wells, P.E.

Project Manager

Jon's 24-year engineering career has been exclusively focused on comprehensive facility planning based upon hydraulic modeling. He has completed numerous water master plans, facility plans, and hydraulic analyses throughout Orange County and California. Jon builds collaborative planning teams and then executes projects that are technically robust but that also serve the strategic and regional interests of his clients. Jon will function as an extension of EOCWD staff during and beyond this master planning project.



- City of Rialto Water and Wastewater Master Plans
- SKF CSD
 Collection System
 Master Plan
- IRWD LAWRP Bypass Evaluation
- EMWD Collection
 System Model
 Calibration
 Projects



Stephen Dopudja, P.E.

Project Principal

Stephen is a principal consulting civil engineer, with specialized experience in managing water resources projects. His capabilities range from the planning and computer modeling of water, wastewater and recycled water systems, serving as an Owner's Advisor, to the design and construction of water resource. Stephen serves as an elected official to a water, wastewater and recycled water agency and brings a big-picture vision that provides EOCWD with assurance that the WZ and RZ master plans will be strategically as well as technically sound.

RELEVANT

- PROJECTS
- City of Rialto Water and Wastewater Master Plans
- LAFCO Murrieta MSR
- LAFCO IID Evaluation



Jason Pivovaroff, P.E.

Senior CIP Resource and QA/QC

Jason is a Senior Consultant for Dopudja & Wells, offering a diverse background in planning, design and construction of water and wastewater facilities. Jason previously worked for Western Municipal Water District understands what a utility district requires in master planning documents and Capital Improvement Plans. Jason will oversee the CIP development for these master plans as well serve in the overall quality control position.

RELEVANT PROJECTS

- Confidential Client Alternatives
 Evaluation
- LAFCO IID Evaluation
- WMWD Murrieta Sewer Treatment Implementation Evaluation
- WMWD High Density Evaluation



AJ Connell, PE

Project Engineer and Hydraulic Modeling Lead

AJ Connell is a registered civil engineer-in-training who specializes in water, sewer, and storm system hydraulic modeling, with an emphasis in potable water modeling using InfoWater Pro, and has additional experience in water and sewer pipeline design, sewer lift station design, and wastewater treatment design. AJ has created, updated, and calibrated hydraulic models in many different modeling software including InfoSWMM, InfoSewer, InfoWater and InfoWater Pro. AJ is also proficient in the following software: ArcGIS, HEC-HMS, EPANET, AutoCAD, Civil 3D, Microsoft Project.

RELEVANT PROJECTS

- EMWD
 Collection
 System Model
 Calibration
 Projects
- WMWD High Density Evaluation



Pooja Lad, E.I.T.

Engineer 1

Pooja Lad serves as a Project Engineer for Dopudja & Wells Consulting. She has worked on an assortment of different projects ranging from energy infrastructure design, water and wastewater infrastructure design, and hydraulic modeling. She has worked on an assortment of different projects ranging from energy infrastructure design, water and wastewater infrastructure design, and hydraulic modeling. Regarding hydraulic modeling, Pooja has in many different modeling software including InfoSWMM, InfoSewer, InfoWater Pro, and Aquatwin Sewer.

RELEVANT PROJECTS

- EMWD
 Collection
 System Model
 Calibration
 Projects
- IRWD Collection
 System Model
 Conversion
- SKF CSD
 Collection
 System Master
 Plan Update

Tom Crowley, P.E.

Senior Asset Management Resource

Thomas Crowley serves as a Senior Consulting Engineer for Dopudja & Wells Consulting. Tom has served as Utilities Manager, General Manager, and Assistant General Manager for various utility agencies in Southern California. He as an extensive history of developing, executing, and refining utility asset management and capital improvement plans.

RELEVANT PROJECTS

- City of Rialto Water and Wastewater Master Plans
- Utility Asset Management (Various Utilities)

Firm Qualifications



City of West Sacramento – Sewer Master Plan Update

The objective of the project was to update the City's wastewater master plan and prioritized develop а new Capital Improvement Program. Dopudja & Wells was a subconsultant for Black & Veatch for this master plan update project, responsible for hydraulic modeling. The City's hydraulic model was built from scratch by Mr. Wells for the City's 2017 Master Plan.

For the 2023 Master Plan Update, flow monitoring was performed to update both the dry weather and wet weather calibration for the model. The updated model was then used to evaluate existing, near-term, and build-out conditions in the collection system. The updated calibration identified areas of high inflow and infiltration in the collection system. Projects to maintain gravity main and lift station capacity include both capacity enhancements as well as inflow and infiltration reduction projects.

CLIENT REFERENCE

Date Completed: 2024 Client Reference: Amber Wallace, PE Senior Civil Engineer amberwa@cityofwestsacramento.org (916) 617-5327



Selma Kingsburg Fowler County Sanitation District – Wastewater Collection System Master Plan Update

Dopudja & Wells is leading a team to perform a comprehensive wastewater collection system master plan for Selma Kingsburg Fowler County San. District. The objective of this project is a fully updated collection system master plan, including both hydraulic-based and condition-based prioritization of improvement projects.

The master plan update includes wet weather flow monitoring, update of the hydraulic model including dry weather and wet weather calibration, sensitivity analysis of wet weather impact reduction, lift station and gravity main condition assessment, and prioritized capital improvement projects for the collection system. Additionally, An SSMP Audit was performed for this project.

CLIENT REFERENCE

Date Completed: To Be Completed 2024 Client Reference: Veronica Cazares, PE General Manager vcazares@skfcsd.org (559) 897-6500



Eastern Municipal Water District -Temecula Valley Flow Monitoring and Model Calibration

The project objective was to create a fully updated and calibrated hydraulic model for the District's Temecula Valley Collection System. As a subconsultant to Black & Veatch, Dopudja & Wells was responsible for hydraulic modeling in a comprehensive flow monitoring study and hydraulic model calibration for one of EMWD's four major collection system basins.

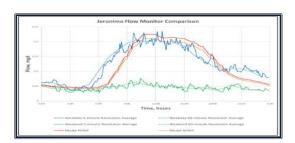
Flow monitoring locations were selected at 55 sites to provide complete coverage of the collection system. Flow monitoring data was decomposed into base flow, groundwater infiltration, and peaking factors. Flow was assigned to individual parcels within the collection system to facilitate ADWF and PDWF development. Representative diurnal patterns were developed for all major land use categories. EMWD's hydraulic model was calibrated with the resulting data. The project outcome was a calibrated hydraulic model and detailed calibration report.

PROJECT INFORMATION

Date Completed: 2024

Project Cost: \$82,500 (Dopudja & Wells portion)

Client Reference:
Demian Boettcher, PE
Principal Engineer
boettchd@emwd.org
(951) 928-3777



Irvine Ranch Water District – Various Collection System Projects

Dopudja & Wells has performed various collection system planning projects for the IRWD collection system over the past five years.

These projects include:

- LAWRP Bypass Evaluation
- Alton Sewer Capacity Evaluation
- InfoSWMM to AquaTwin Sewer Hydraulic Model Pilot Conversion
- AquaTwin Sewer Full Conversion

Dopudja & Wells has used flow monitoring data, completed local area calibrations, performed capacity evaluations, and evaluated alternatives analyses as part of the various projects.

PROJECT INFORMATION

Date Completed: Various Project Cost: \$95,000 Total

Reference: Eric Akiyoshi, PE

Engineering Manager-Infrastructure Planning

akiyoshi@irwd.com (949) 453-5552

Proposed Schedule

A task level schedule is included on the next page of this proposal. The District provided a preferred schedule with the RFP, but Dopudja & Wells projects that that there will be difficulty meeting this schedule due to the need to capture wet weather flow data, which normally does not conclude in similar projects until April or May, accounting for data processing. Further, Dopudja & Wells is concerned about the ability to produce a viable flow monitoring plan prior to the wet weather season commencing, given probably kick-off in late November.

The included schedule represents Dopudja & Wells' best attempt to provide a reasonable schedule accounting for the above challenges. At project kick-off, we will work with the District to develop a schedule that meets the District's needs for budgeting.

East Orange County Water District Collection System Master Plan Update Updated 11/07/24

Project Schedule

Project Sch	edule																																								
Task		16-Dec-24	23-Dec-24	n-25	13-Jan-25	20-Jan-25	27-Jan-25	3-Feb-25	IV-Feb-25	24-Feb-25	3-Mar-25	10-Mar-25	I7-Mar-25	24-Mar-25	31-Mar-25	14-Apr-25	21-Apr-25	28-Apr-25	5-May-25	I 2-May-25	19-May-25	2-Jun-25	9-Jun-25	16-Jun-25	30-Jun-25	7-Jul-25	14-Jul-25	21-Jul-25 28-Jul-25	4-Aug-25	11-Aug-25	18-Aug-25	25-Aug-25 I-Seo-25	1-Sep-25		22-Sep-25	29-Sep-25	3-UGt-23	20-Oct-25	27-Oct-25	3-Nov-25	I0-Nov-25 I7-Nov-25
Task S-1	Request, Catalog, and Review Existing Documents and Data		1			,,	,,																														\top				
Task S-2	Create Development Timeline																																						\top		
Task S-3	Develop and Implement Flow Monitoring Plan																																						\Box		
Task S-4	Develop Existing and Future Flow Projections																																						\Box		
Task S-5	Hydraulic Model Update and Calibration																																						\Box		
Task S-6	Existing and Future Capacity Evaluation																																								
Task S-7	Develop Collection System Rehabilitation and Replacement Plan																																	T					T 7		
Task S-8	Develop Risk-Prioritized CIP																																	T							
Task S-9	Produce Master Plan Reports and Supporting Deliverables																																	T							
Task S-10	Produce Updated Sewer System Management Plan																																						\Box		
Task S-11	Project Control																																								
Task S-12	**Optional** Orange County Sanitation District Direct Customer Connection Evaluation **Optional**																																								

Meeting/Collaboration
Consultant Work
Task Deliverable
Optional Consultant Work

Disclosures and Acknowledgements

Dopudja & Wells acknowledges receipt the RFP and Addendum #1. At the time of this submittal, Dopudja & Wells does not have any personal or organizational conflicts of interest prohibited by law.

Dopudja & Wells Consulting

Jtoh Orry

Stephen Dopudja, P.E. – Project Principal

Jon Wells, P.E. – Project Manager

Jo Welh



MEMO

TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: LOCAL HAZARD MITIGATION PLAN, RISK AND RESILIENCY

ASSESSEMENT, AND EMERGENCY RESPONSE PLAN UPDATES

DATE: DECEMBER 19, 2024

Background

The District's Local Hazard Mitigation Plan (LHMP) addresses natural disasters including fire, flood, earthquake, landslide, drought and climate change threats. There are many benefits to mitigation planning including identifying actions for risk and future damage reduction that are agreed upon by stakeholders and the public, focusing resources on the greatest risks and vulnerabilities, building partnerships by involving citizens, organizations, and businesses, increasing education and awareness of threats and hazards, communicating priorities to State and Federal officials, and aligning risk reduction with other community objectives. In addition, mitigation plans are required in order to receive Federal Emergency Management Agency (FEMA) mitigation project grant funds in accordance with the Disaster Mitigation Act of 2000 (Stafford Act). The District's most recent plan, completed in December 2020 and due for its 5-year update to incorporate the revised 2023 standards, was instrumental in identifying vulnerabilities and securing FEMA grant funding for the replacement of the 6MG reservoir.

In compliance with California's Standardized Emergency Management System, the National Incident Management System, and the America's Water Infrastructure Act (AWIA) of 2018, the District also completed a Risk and Resiliency Assessment (RRA) and Emergency Response Plan (ERP) update in December 2020 and June 2021 respectively. To meet regulatory requirements the plans are due for revision and certification by December 2025 and June 2026 respectively.

A Request for Proposal for updating the LHMP, RRA, and ERP was sent to five qualified consultants with previous experience working with the District and preparing such documents. Four firms, Black & Veatch, Herndon Solutions Group, Stantec, and West Yost attended the pre-proposal meeting and three firms submitted proposals by the November 7th due date. Staff and the District's consultant, Kari Schumaker, reviewed and ranked the proposals. A consultant selection summary is attached. Staff recommends awarding the LHMP, RRA, and ERP updates to Herndon Solutions Group in the amount of \$137,486.

Funding for the hazard mitigation planning effort will be provided in part by FEMA Hazard Mitigation Grant funds. In August 2023, the District applied for grant funds through CalOES and was notified of the sub-award in September 2024. The \$150,000 award requires a 25% local cost share.

An informational item was presented to the Engineering and Operations Committee at the meeting on November 14, 2024. The Committee supported staff presenting to the Board for award.

Recommendation

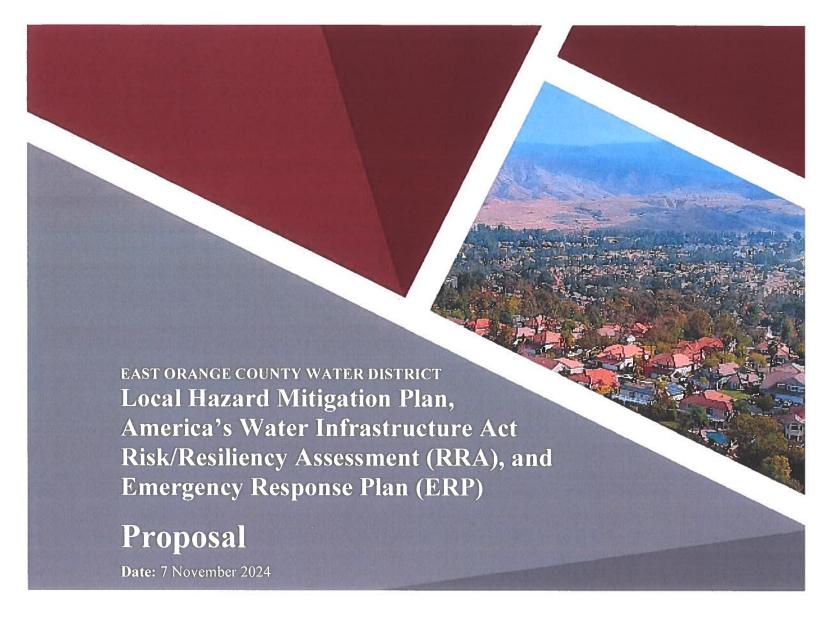
That the Board award a Professional Services Agreement, in the amount of \$137,486, to Herndon Solutions Group for the LHMP, RRA, and ERP updates.

Attachment(s): Consultant Comparison

Herndon Solutions Group Proposal

LHMP, RRA, AND ERP CONSULTANT COMPARISON

	\\\ - i - 4	Black and Veatch	Herndon Solutions	West Yost
TECHNICAL APPROACH (60%)	Weights	Black and Veaton	Group	vvest fost
*Project Approach	35%	2	1	3
*Scope of Work	30%	2	<u>'</u> 1	3
*Overall Understanding	10%	1	2	3
*Man Hour Estimates	25%	3	1	2
Weighted Score (Technical Approach)		2.15	1.10	2.75
TEAM				
Principal/Water Sector Subject Matter Expert		Rob Flaner, CFM	Christine Herndon	Jeff Pelz, PE
Principal Ranking	5%	1	2	3
Lead Project Planner/Emergency Planner/Project Manager		Megan Brotherton	Heather Domschot, Claire Patton	Tara Mertz
Project Manager Ranking	30%	2	1	3
Project Engineer/Lead Hazard Mitigation Planner		Mitigation/Capability Strategy - Heather Apgar, CFM	Aaron Pfannenstiel	Reese Aguilar
Project Engineer Ranking	30%	2	1	3
QA/QC Reviewer/QA Technical Editor		Alison Miskiman, GISP, CFM	Suzanne Leonard	Mel Damewood, PE
Reviewer/Editor Ranking	25%	1	3	2 Lead Facilitator - Andrev
Additional Team Members No Ranking				Ohrt, PE, CISSP; Cybersecurity - Michael Gruenbaum; Public Outreach - David Garrison
NO INDININI				
Local Office	10%	3	2	1
Weighted Score (Experience)		1.80	1.65	2.55
COMBINED WEIGHTED SCORE		2.01	1.32	2.67
		2.01	1.32	2.01
COST ESTIMATE				
Task 0: Project Management		\$20,148	\$8,983	\$7,965
Task 1: LHMP Update		\$172,392 \$177,000	\$72,398	\$62,164
Task 2: RRA Update and Certification Task 3: ERP Update and Certification		\$177,060 \$23,079	\$39,931 \$16,174	\$80,881 \$34,786
Task 5. Liki Opuate and Octanication		Ψ20,073	Ψ10,17-	Ψ04,700
Total Cost		\$392,679	\$137,486	\$185,796
MANHOURS				
Task 0: Project Management		93	90	30
Task 1: LHMP Update		1,089	369	239
Task 2: RRA Update and Certification		670	412	347
Task 3: ERP Update and Certification		116	143	144
•				
·		1.968	1.014	760
Total Hours		1,968	1,014	
·		\$200 2	\$136 1	\$244 3





Submitted by:

Herndon Solutions Group 2831 St. Rose Pkwy, Suite 213 Henderson, NV 89052 Tel: 321-351-0955

Email: contracts@herndon-group.com

Submitted to:

East Orange County Water District 185 N. McPherson Rd. Orange, CA 92869 Tel: 714-538-5815

Attn: Jeff Smyth, P.E. Email: Jsmyth@eocwd.com

This proposal includes data that shall not be disclosed outside the government and shall not be duplicated, used, or disclosed—in whole or in part—for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of—or in connection with—the submission of this data, the government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in all sheets.



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1 INTRODUCTION – MINIMUM REQUIREMENTS

HSG has reviewed the East Orange County Water District (EOCWD) Professional Services Agreement" and confirms that our team is able to meet all requirements in the Agreement.

2 CONSULTANT EXPERIENCE



Herndon Solutions Group's (HSG's) president and founder, Christine Herndon, has provided emergency preparedness and planning services to the water sector for more than 20 years. In 2008, she founded HSG, a woman-owned business (WOSB) that provides emergency planning, environmental, and safety services. HSG is an

authority in the water sector and spent several years updating Emergency Response Plans (ERPs) per the BioTerrosim Act of 2002, conducting and managing resource typing, and developing and facilitating tabletop exercises and training. As the sector evolved from a terrorism-centric to an all-hazards approach, HSG remained active with the American Water Works Association (AWWA), serving on committees, attending industry tradeshows, and developing standards and guidelines. Ms. Herndon was the original author of the AWWA G440 Emergency Preparedness Practices and still serves on its committee. She is also a member of G430 Security Practices for Operation and Management and M19 Emergency Planning for Water and Wastewater Utilities committees and is currently supporting the M19 revision. Most recently, HSG supported AWWA by updating the Resource Typing Guidance and developed a Resource Typing and Implementation Toolkit, which supports America's Water Infrastructure Act (AWIA) compliance. HSG led EOCWD through the first iteration of AWIA in 2020. As a company, HSG has supported more than 40 agencies through the AWIA certification process and continues to provide support services today.



HSG has partnered with Atlas Planning Solutions (Atlas) to provide the EOCWD a team of experts skilled in the development and implementation of emergency planning for water utilities. HSG and Atlas, herein referred to as Team HSG, has more than 15 years of experience preparing single and multijurisdictional Hazard Mitigation Plans (HMPs) and 23 years of experience

preparing planning documents. Atlas is a recognized leader in hazard mitigation planning, climate adaptation, and hazards-oriented planning throughout California. With extensive experience helping Orange County communities address their hazard mitigation planning needs, Mr. Aaron Pfannenstiel, our proposed subcontractor, has experience and knowledge that will assist participating agencies in better assessing their vulnerabilities. As a hazard mitigation planning subject matter expert (SME), Mr. Pfannenstiel and his team recently completed HMPs for the cities of Aliso Viejo, Brea, San Bernardino, Ontario, and Laguna Beach under the newest Federal Emergency Management Agency (FEMA) guidance that went into effect on April 19, 2023. During the 2020 AWIA cycle, Mr. Pfannenstiel partnered with HSG to support various agencies with preparing their Risk and Resilience Assessments (RRAs) and ERPs including EOCWD.

Collectively, Team HSG meets and exceeds the minimum requirements of the Request for Proposal (RFP), as summarized in **Exhibit 2-1**.



Exhibit 2-1. RFP Minimum Requirements

Requirement	Response
The consultant shall have five or more years of experience preparing single and/or multi-jurisdictional HMPs and five or more years of experience preparing planning documents.	Team HSG has more than 15 years of experience preparing single and multi-jurisdictional HMPs, including recently completing HMPs for the cities of Ontario and Laguna Beach under the new 2023 FEMA requirements. Both HMPs have been approved by FEMA. Additionally, Team HSG has more than 50 combined years of experience in risk assessment and water utility planning.
Consultant must also demonstrate its review, update, and U.S. Environmental Protection Agency (USEPA) certification of an RRA and an ERP.	Team HSG has worked with complex municipal and special district agencies, such as MWDOC, Golden State Water Company, and American Water to perform reviews and updates of their RRA and ERPs to meet USEPA certification requirements.
Success with submitting the initial AWIA certification cycle.	Team HSG supported more than 40 agencies with the successful submission of RRAs and ERPs through the initial AWIA certification cycle.

3 SCOPE OF WORK APPROACH

3.1 Task 0 – Project Management

Overall Project Management. Team HSG is committed to adhering to project management standards throughout the project and ensures we employ recognized best practices in project management, covering key areas such as scope, schedule, cost, quality, resources, and risk management to optimize project outcomes.

FEMA Approval of HMP and EPA Certification of RRA and ERP. As shown in the proposed project schedule, Team HSG will meet EOCWD's EPA deadlines for completing the RRA by December 31, 2025. Team HSG understands the EOCWD's desire to complete all planning efforts by December 31, 2025, and is capable of meeting this deadline for all three planning efforts. However, Team HSG does recommend that EOCWD expand the project schedule to provide six months dedicated to the ERP update, which has an EPA deadline of June 30, 2026.

Project Kick-Off and Progress Meetings. Project kick-off meetings are essential to establishing a shared understanding of the project schedule, especially where agency participation and information are required. Project kick-off meetings provide an opportunity to motivate the team, establish communication protocols, and identify any risks. Progress meetings will occur monthly or as required by project deliverables. Sometimes project plans must be adjusted based on unanticipated schedule shifts or availability of resources, and progress meetings provide a good opportunity to reaffirm related action items or other responsibilities.

Host Project File Sharing. HSG will host a secure and collaborative Microsoft Teams channel with a SharePoint backend for file storage and transfer, real-time collaboration, task and calendar management, and communication channels.

Continuous Awareness of HMP, RRA, and ERP Requirements. Team HSG attends industry conferences, maintains regular engagement with related committees, subscribes to several email distribution lists, follows relevant LinkedIn pages, and usually hears of an upcoming change, interpretation, or new standard prior to the greater industry.



3.2 Task 1 – Local Hazard Mitigation Plan (LHMP) Update

Value-Added Approach to Streamline 3-in-1

Team HSG brings a unique perspective and approach to this project based on our experience leading the 2025 AWIA certification and HMP update for the Municipal Water District of Orange County (MWDOC). Lessons learned from this experience and other AWIA compliance projects, coupled with our team's extensive experience updating HMPs, have identified opportunities to combine workshops and data calls, saving both contract costs and agency personnel's time (e.g., personnel attending less workshops and responding to fewer data calls, thereby reducing the burden on agency personnel).

3.2.1 Data Collection and Workshops

The LHMP update process will require data collection and analysis that will follow the subtasks detailed in Sections 3.2.1.1 through 3.2.1.5.

3.2.1.1 Planning Process Meetings

Planning meetings will be held with EOCWD to gather information and feedback throughout the update of the LHMP. Two virtual workshop meetings will be held to review key topics. The purpose of the meetings will be to gather agency-specific information and facilitate the necessary discussions to update the LHMP effectively. Each workshop will include the use of focused worksheets that attendees will complete. These worksheets will then be used to update the LHMP and annexes. Each meeting will last approximately 2 hours, with a brief follow-up meeting with the agency lead to address feedback/information.

The first meeting will review the following key actions:

- Review the hazard mitigation planning process.
- Confirm hazards of concern.
- Identify additional data on hazard events.
- Update critical facilities inventories.
- Update agency capabilities and functions.
- Update hazard mapping where applicable.

The second meeting will cover mitigation actions, including key actions such as:

- Confirm progress made on prior mitigation strategies.
- Update mitigation strategies and actions.
- Confirm implementation frameworks to be used by participating agencies.

3.2.1.2 Hazard Profiles Update

All information gathered will be combined with information obtained from various Federal, State, and local data sources to update the LHMP's hazard profiles. Since the plan was updated in 2020, the hazard profiles will align with most current FEMA requirements. Updates are anticipated to include new discussions regarding climate change, changes in the planning area's development patterns and populations, and any changes to hazards seen in the last five years. It is assumed only one new natural hazard will be added to the plan and existing hazard profiles will remain where applicable.



3.2.1.3 Risk Assessment/Mapping

Updates made to the Risk Assessment and Mapping sections within the plan will coincide with updates to hazard profiles. Based on the updated Critical Facilities Inventory developed during the planning process, Team HSG will modify existing maps and graphics to reflect geographical changes or changes to critical facilities. Team HSG will then prepare an updated risk assessment where necessary. This update anticipates additional risk assessment information will be associated with vulnerable populations identified using the Esri® Business Analyst tools.

3.2.1.4 Capabilities Assessment

Team HSG will prepare an updated capabilities assessment by reviewing the existing planning regulations and programs that support current mitigation capabilities. A key element of this review is identifying ways to expand this capability to ensure future efforts are easier and better integrated into EOCWD's mitigation planning framework.

3.2.1.5 *Mitigation Strategies*

Mitigation strategies suggest actions EOCWD may take to reduce potential losses to critical facilities. The review and update of mitigation strategies for EOCWD will require the following:

- Completion of the capabilities assessment.
- Review and update of mitigation goals (if necessary).
- Identification of mitigation actions progress EOCWD during the previous implementation period.

Upon completion of these items, Team HSG will develop an updated set of mitigation strategies and actions for EOCWD. Using our mitigation action worksheets, Team HSG will identify the department lead for the specific mitigation action, funding and staff resources, the timeframe for completion, and implementation steps. The data and information gathered during this task will be shared with EOCWD and a prioritization exercise will be conducted to identify key actions for implementation in the next five-year cycle.

Exhibit 3-1. Task 1 LHMP Key Events and Deliverables

Key Events/Deliverables

- Planning Process Meetings (two virtual 2-hour meetings)
- Updated Hazard Profiles
- Updated Risk Assessment/Maps
- Updated Mitigation Strategies and Actions
- Updated Annexes
- Administrative Draft LHMP

Assumptions

- Meetings will be conducted virtually.
- Team HSG will develop worksheets and data calls that will require responsive feedback from EOCWD to meet the schedule outlined for the project.
- The project initiation phase will be the primary effort used to identify all data needs and planning process requirements for the LHMP update.



3.2.2 Public Engagement

The development of an engagement strategy will play a key role in ensuring EOCWD has effective content that will assist with outreach about the LHMP update to their customers.

3.2.2.1 Engagement Strategy Development

In preparation for outreach and engagement activities, Team HSG will prepare an engagement strategy describing the methods anticipated to meet Federal Emergency Management Agency (FEMA) community engagement requirements. Key components of the strategy will include:

- Identification of stakeholders to be contacted during the process;
- Structure of meetings and workshops anticipated for community engagement; and
- Methods of sharing information about the planning process and engagement opportunities.

Working with EOCWD, Team HSG will develop a list of internal and external contacts to be used during the engagement that is comprehensive and properly targeted.

3.2.2.2 Engagement Materials Development

A key component of the engagement strategy is the development of materials for EOCWD to use during their planning process. To assist with this, Team HSG anticipates the preparation of the following materials to be used by EOCWD staff members:

- Online Survey. This survey will include approximately 20 questions and will be developed as a single survey that EOCWD can distribute to its respective customers. Administration of the survey will be conducted by Team HSG.
- **Webpage Content.** Sample webpage content will be provided to EOCWD to use during the outreach process. This content helps establish a webpage dedicated to the HMP update.
- Social Media Content. Sample social media content will be developed for EOCWD to use as part of their outreach. This content will focus on platforms like Nextdoor, Facebook, X (formerly Twitter), and online postings.
- Other Print/Electronic Media Content. In some instances we understand that other outreach methods may be necessary. To assist with this, Team HSG will prepare content that can be used in utility bill inserts, online newsletters, or materials shared with customers on a regular basis.

While Team HSG develops this content for the project, the effective use of it by EOCWD will be key to ensure effective outreach and engagement happens.

3.2.2.3 Outreach/Engagement Meetings

During the outreach and engagement process, Team HSG assumes EOCWD will conduct at least one meeting that provides an opportunity for public feedback and participation in the process. For these meetings, Team HSG will prepare a presentation to be used by EOCWD staff and assumes attendance by up to two staff members at this meeting.



Exhibit 3-2. Task 1 Outreach and Engagement Key Events and Deliverables

Key Events/Deliverables

- Engagement Strategy
- Engagement Materials/Content (online survey, webpage content, social media content, other print/electronic content)
- Outreach PowerPoint Presentation
- Attendance at one Public Engagement Meeting

Assumptions

Attendance at public meetings by Team HSG staff will occur virtually unless otherwise specified.

3.2.3 Plan Completion and Approval

Public Review Draft LHMP. Upon receipt of one consolidated set of comments from the Planning Team, Team HSG will prepare the public review Draft LHMP for distribution. HSG typically recommends a public review period of 30 days for this plan; however, this duration can be changed based on client preference and schedule constraints. Upon conclusion of the review period, Team HSG will review any comments provided and prepare the plan for California Governor's Office of Emergency Services (Cal OES)/FEMA review.

Cal OES/FEMA Draft LHMP. Both Cal OES and FEMA reviews are required for plan approval. To complete these reviews Team HSG will finalize the document after the public review period and prepare the FEMA Plan Review Tool (which will be submitted with the plan to Cal OES and FEMA). Upon receipt of comments from Cal OES, Team HSG will work with staff and the reviewers to address outstanding comments until the plan is deemed satisfactory and eligible for transmittal to FEMA for review. Upon approval of the plan during this review and receipt of the Approvable Pending Adoption (APA) letter from FEMA, the LHMP will be eligible for adoption by EOCWD.

Final Adoption LHMP. To assist with final adoption, Team HSG will create the final adoption LHMP, which will include all revisions made to the document through the Cal OES/FEMA review process. This final version will be presented to the EOCWD Board of Directors for approval at a monthly Board Meeting.

Exhibit 3-3. Task 1 LHMP Completion Key Events and Deliverables

Key Events/Deliverables

- Public Review Draft LHMP
- Cal OES/FEMA Review Tool
- Cal OES/FEMA Draft LHMP
- Adoption Draft LHMP
- Adoption PowerPoint Presentation
- Attendance at one Adoption Meeting

Assumptions

Attendance at the adoption meeting by Team HSG staff will occur virtually unless otherwise specified.



3.3 Task 2 – RRA Update and Certification

3.3.1 Data Collection and Workshop Preparation

Team HSG will review the data in the Program to Assist Risk and Resilience Examination (PARRE) file from the previous assessment and prepare material for Workshop #1. We will request any remaining information needed from the EOCWD staff, such as current system diagrams, to refamiliarize the assessment team with the system as well as any updates.

3.3.2 Workshop #1

Review of the previous assessment and initial evaluation of changes will be conducted in the form of Workshop #1, which will be a 2-hour facilitated planning workshop held virtually through Microsoft Teams.

The objectives of Workshop #1 include:

- Methodology Overview. Team HSG will introduce the J100-21 Standard, including changes from the previous J100-10, and provide an overview of the PARRE software tool. These presentations will help participants become familiar with the assessment process and the objectives/advantages of conducting a compliant analysis or become refreshed on the information for those who were involved in the previous assessment.
- Previous Baseline Review. Team HSG will utilize the PARRE tool and prior report to review the previous baseline assessment. The team will be given the opportunity to understand the decisions that were made during the original assessment. They will also become familiar with the outcomes of the assessment, which identified a range of risks to the system.
- Asset and Threat Update. The team will identify any new critical assets or threats that were not identified during the last assessment and remove any assets that are no longer considered critical. New threats will also be discussed with a focus on updates to the latest AWWA J100-21 Standard. Up to five additional assets and three additional threats may be added to the assessment with a maximum total of 150 threat-asset pairs.

Team HSG will provide a data request to the EOCWD point of contact (POC) following this workshop to identify missing data pieces such as asset information for new assets and updated replacement costs. Team HSG will deliver the data request spreadsheet within three business days of the workshop. In order to maintain the schedule, the completed request is to be returned to Team HSG within two weeks.

3.3.3 Workshop #2

The goal of Workshop #2 will be to complete the evaluation of changes made to the system in the previous five years. Workshop #2 will be conducted in the form of a 4-hour facilitated planning workshop held in-person at EOCWD headquarters in Orange, California. The objectives of Workshop #2 include:

 Identify Consequence Changes. The team will discuss how new assets or changes to the system configuration has helped to decrease the consequences associated with identified threats.



- Identify New Countermeasures. The team will work to identify any new or upgraded security items or countermeasures that have been implemented. Both direct and indirect threats will be discussed during this workshop.
- **Discuss New Assets or Threats.** The team will discuss consequences, vulnerability, and threat likelihood for any new threat-asset pairs identified in the first workshop.
- Calculate Overall System Resilience. The HSG facilitators will assist the team in updating
 its overall system resilience described in J100-21 standard as the Utility Resilience Index
 (URI).

Team HSG will provide a data request spreadsheet to the EOCWD point of contact (POC) following this workshop to identify missing data pieces needed to complete the data analysis. Team HSG will deliver the data request spreadsheet within three business days of the workshop. In order to maintain the schedule, the completed request is to be returned to Team HSG within two weeks.

3.3.4 Baseline Update and Draft Report Development

Using the data provided and the information collected during the workshops, Team HSG will update existing or complete a new analysis of the system risk assessment data (consequence, vulnerability, threat likelihood, and resilience) in PARRE and develop a draft report to be presented to EOCWD for review. The draft report will be provided to stakeholders prior to the final RRA workshop. Comments and edits should be received no later than (NLT) the day before Workshop #3.

3.3.5 Workshop #3

The draft report will be reviewed by the team and appropriate stakeholders during Workshop #3, a 1-hour Microsoft Teams call. Based on the assessment team's review of this baseline, data gaps can be identified, and adjustments made to fully reflect current conditions in the system. Risk management options will be discussed during this workshop to identify potential improvements to the system that could result in a decrease in risk and/or an increase in resilience.

3.3.6 Risk Management Recommendations and Final Report

Risk Management Recommendations Development. Team HSG will use the information from Workshop #3 to develop a set of recommendations for improvements to the system in compliance with AWIA 2018. Recommendations will include high-level suggestions for security, resilience, or training improvements.

Final RRA Report. Team HSG will provide the agency with a final report containing all risk and resilience results and recommended mitigation measures. The agency will be provided a spreadsheet output of its data in PARRE.

RRA Certification. Team HSG will prepare a letter stating the RRA has been completed in accordance with AWIA and include directions for certification. The EOCWD POC must login to the EPA's site and certify the RRA, as the consultant is not authorized.



Exhibit 3-4. Task 2 Update RRA: Key Events, Deliverables, and Assumptions

Task 2 Key Events/Deliverables

- Data Collection and Workshop Preparation
- RRA Workshop #1 (Review of the Previous RRA and Initial Evaluation of Changes)
- PARRE Software Tool J100-21 Standard Presentations
- RRA Workshop #2 (Complete the Evaluation of Changes Made in Past Five Years)
- Draft RRA Report
- RRA Workshop #3 (Review Draft RRA)
- RRA Final Report and Risk Management Recommendations
- RRA Certification Letter and Instructions

Task 2 Assumptions

- RRA Workshop #1 will be 2 hours; Workshop #2 will be 4 hours; and Workshop #3 will be 1 hour in duration.
- Data request spreadsheets (sent after Workshops #1 and #2) will be returned within two weeks.
- EOCWD offices will be made available for Workshop #2.
- Only RRA Workshop #2 will be in-person; remaining RRA workshops will be virtual.
- RRA Workshop #2 will be concurrent with ERP Workshop #1.
- Previous EOCWD standards and assumptions developed during previous assessments will be used and adjusted for J100-21 methods.
- PARRE data export from previous assessment will be provided.
- No more than five additional assets and three additional threats may be added to the RRA update with a maximum total of 150 threat-asset pairs.
- Team HSG can provide directions and guidance to certify the RRA but cannot login to EPA on EOCWD's behalf.
- Key EOCWD personnel will attend the workshops (at least three representatives for each workshop that remain the same for each workshop).
- Deliverables will be submitted one time only.
- All submittals will be electronic via SharePoint/Microsoft Teams.

3.4 Task 3 = ERP Update and Certification

3.4.1 Revised Gap Assessment

Team HSG will update EOCWD's gap assessment based on the most recent and relevant requirements and standards published by FEMA, EPA, and AWWA, including the J100, G430, G440, EPA ERP Template, and CPG 101. Team HSG will leverage the previously existing gap assessment to compare and assess status, including progress and opportunities for improvement. The gap assessment findings will serve as the foundation for the ERP update.

3.4.2 ERP Outline and Workshop #1

Workshop #1 will focus on reviewing the gap assessment's findings, identifying follow-on data needs, and discussing opportunities for improvement. The proposed ERP outline will also be reviewed, including content development and updates.



3.4.3 Focused Interviews

Based on ERP Workshop #1, Team HSG will begin drafting the revised ERP. Concurrently, we will facilitate virtual interviews with key staff based on those identified by at the end of Workshop #1.

3.4.4 Draft ERP Development and Workshop #2.

Using the data provided and the information collected during Workshops #1 and interviews, Team HSG will develop a draft ERP to be presented to EOCWD for review. The draft ERP will be provided to stakeholders prior to Workshop #2. Comments and edits should be received NLT the day before Workshop #2. The draft report will be reviewed by the team and appropriate stakeholders during Workshop #2.

3.4.5 Draft-Final ERP and Workshop #3

Based on the results of Workshop #2, Team HSG will prepare the draft-final ERP. The draft-final ERP will be submitted to stakeholders no less than one week prior to Workshop #3. Comments and edits should be received NLT the day before Workshop #3. The draft-final report will be reviewed by the team and appropriate stakeholders during Workshop #3.

3.4.6 Final ERP and Certification Letter

Team HSG will take all comments and feedback discussed during Workshop #3 and incorporate them into the final updated ERP for delivery to EOCWD. Team HSG will then prepare a letter stating the ERP has been completed in accordance with AWIA and include directions for certification. The EOCWD must log into the EPA site and certify the ERP, as the consultant is not authorized.

Exhibit 3-5. Task 3 Update ERP: Key Events, Deliverables, and Assumptions

Task 3 Key Events/Deliverables Gap Assessment ERP Workshop #1 Focused Interviews with Key Staff Draft ERP ERP Workshop #2 Draft ERP ERP Certification Letter and Directions

Task 3 Assumptions

- The gap assessment will serve as the roadmap for the ERP update, which will include any security recommendations, integration with HMP, model media/press release forms, and mutual aid agreements.
- The EOCWD has a comprehensive, current ERP, but the ERP requires updated content aligned with top risk findings.
- No more than two Incident Specific Response Procedures (ISRPs), Incident Annexes (IAs), and/or Standard Operating Procedures (SOPs) will be developed.
- Content development will include an update of the AWIA requirements compliance table, flow charts, and contact lists.
- EOCWD comments on each ERP revision will be consolidated into a single document/comment review matrix.
- Workshop #1 will be 2 hours; Workshop #3 will be 4 hours; and Workshop #3 will be 2 hours in duration.
- ERP Workshop #1 will be concurrent with RRA Workshop #2.



- ERP Workshop #1 will be in-person; remaining workshops will be virtual.
- There will be no more than four 1-hour interviews with key personnel.
- Team HSG can provide directions and guidance to certify the ERP but cannot login to EPA on EOCWD's behalf.
- Key personnel will attend the workshops (at least three representatives for each workshop that remain the same for each workshop).
- Deliverables will be submitted one time only.
- All submittals will be electronic via SharePoint/Teams.

4 PROJECT SCHEDULE

Exhibit 4-1. Detailed Timeline

Task/Milestone	Start Date	End Date	
Notice to Proceed	January 2025		
Task 0: Project Management	January 2025	December 2025	
Task 1: LHMP Update	February 2025	December 2025	
Data Collection and Workshops	February 2025	June 2025	
Planning Process Meetings	February 2025	June 2025	
Hazard Profiles Update	February 2025	April 2025	
Risk Assessment/Mapping	February 2025	May 2025	
Capabilities Assessment	April 2025	June 2025	
Mitigation Strategies	April 2025	June 2025	
Public Engagement	February 2025	September 2025	
Engagement Strategy Development	February 2025	March 2025	
Engagement Materials Development	February 2025	March 2025	
Outreach/Engagement Meetings	March 2025	September 2025	
Plan Completion and Approval	August 2025	December 2025	
Public Review Draft LHMP	August – Se	eptember 2025	
Cal OES/FEMA Draft LHMP	October 2025	December 2025	
Final Adoption LHMP	December 2025		
Task 2: Update RRA	March 2025 Decemb		
Data Collection and Workshop Preparation	March 2025		
RRA Workshop #1	April 2025		
RRA Workshop #2	Jun	e 2025	
Baseline Update and Draft Report Development	June 2025	July 2025	
RRA Workshop #3	Augu	ust 2025	
Risk Management Recommendations and Final RRA Report	Augu	ust 2025	
RRA Certification to EPA Deadline	Decemb	er 31, 2025	
Task 3: Update ERP and Implementation	March 2025	December 2025	
Revised Gap Assessment	Ma	y 2025	
ERP Outline and ERP Workshop #1	June 2025	August 2025	
Focused Interviews	Septer	mber 2025	
Draft ERP Development and Workshop #2	September 2025	October 2025	
Draft-Final ERP and Workshop #3	October 2025	November 2025	
Final ERP	Decen	nber 2025	
Certification	June	30, 2026	



5 RESUMES OF KEY STAFF

Water Sector Subject Matter Expert (SME) – Christine Herndon

Summary

Ms. Herndon has more than 20 years of experience in environmental regulatory compliance, technical research and writing, process assessment, emergency preparedness and response, business continuity planning, and program management. As the president of HSG, she manages complex environmental projects and contracts and provides contract oversight. She ensures overall contract compliance with funding agencies; develops all project management plans, processes, and tools; manages communication; and recommends strategies to ensure successful project completion. Her background also includes all facets of risk mitigation and management. She has successfully completed multiple environmental assessments and audits; prepared and implemented emergency response/business continuity plans and programs; developed and administered workshops and exercises; reviewed, recommended, and worked with personnel to develop and improve processes; and authored and co-authored numerous technical reports. Ms. Herndon is the secretary of the national Emergency Preparedness Standards Committee and was also the lead writer for the AWWA/American National Standards Institute (ANSI) Standard, G440-11 Emergency Preparedness Practices.

Education

- MS, Environmental Science, University of Nevada Las Vegas, 2004
- BS, Environmental Management and Geography, Elmhurst College, Illinois, 2002

History

- 2008 Present, President, HSG, LLC
- 2004 2008, Environmental Scientist, SAIC
- 2004 2013, Adjunct Professor, College of Southern Nevada
- 2023 Present, Environmental Scientist I, Herndon Solutions Group, LLC (HSG)
- 2021 2023, Environmental Compliance Specialist, HSG

Publications

- AWWA Environmental Compliance Guidebook: Beyond U.S. Water Quality Regulations, 2013: Ms. Herndon, as lead author, prepared a guidebook and checklists to assist water and wastewater utilities to meet environmental regulations.
- "New Training Requirement for Utility Employees." Journal AWWA. Vol. 105 No. 5, May 2013: Christine Herndon and Amber Tashereau: Christine co-authored a journal article focused on hazardous materials training requirements for utility staff.

Committees

- AWWA National Standards Committee, Standards for Emergency Preparedness, G440
- AWWA National Emergency Preparedness and Security Committee
- AWWA CA-NV Security and Emergency Planning Committee

Relevant Experience

Founder of Wise Software Solutions, LLC, and Creator of Wise Resource Typing (WiseRT) 2013 – Present. Ms. Herndon is the founder of a software solutions company that created a secure, web-based application for Resource Typing, specific to the water sector. While the application has



the capability to be used in other sectors, it was developed with the water sector in mind to assist utilities in typing their resources based on industry standards and capabilities, while managing assets and recognizing costs.

Municipal Water District of Orange County (MWDOC), 2019 – 2022. Supported the preparation and updates of Local Hazard Mitigation Plans (LHMPs) for 23 water systems across Orange County. This project also included individual cyber assessments using the AWWA Cyber Security Tool. Assessments were completed in compliance with AWIA 2018 and covered Tier I, Tier II, and Tier III systems.

WRF 4606: Innovative Preparedness and Response Practices to Support Water System Resiliency, 2016 – 2018. Co-Researcher for this WRF project designed to identify water sector innovative preparedness and response practices. Ms. Herndon supported the process of developing and distributing surveys to multiple sectors, reviewing literature, and interviewing water and wastewater utility staff from across the country to find innovative practices.

Gap Analysis, City of Westminster Utilities Operations Division, 2017. Ms. Herndon served as the project manager and lead SME to conduct a gap analysis of the Utilities Operations Division's emergency management program, as it relates to applicable standards.

Resource Typing SME for the FEMA (subcontractor to Cabezon), 2014. Ms. Herndon worked directly with FEMA to prepare and update teams, specific to the water sector. She incorporated her experience with the AWWA Resource Typing Manual, EPA publications, and water sector customers to assist in drafting the teams in accordance with FEMA best industry practices.

Resource Typing for the Long Beach Water Department (LBWD), 2012 – 2014. Ms. Herndon served as the project manager for the typing of the LBWD resources according to the FEMA Typed Resource Definitions for Public Works, as well as the AWWA Resource Typing Manual. Ms. Herndon led the efforts to develop a tool that not only allows for resource typing but also includes baselines for minimum operations at the LBWD and under what conditions they could deploy those resources, as well as a mechanism for "real-time" assessment and cost accounting.

EOC & Department of Public Utilities Command Center Functional Exercise, City of Richmond, Richmond, Virginia, 2012. Through a subcontract, Ms. Herndon supported the delivery of a functional exercise conducted for the entire City of Richmond, Virginia. Ms. Herndon served as an exercise facilitator at the Department Operation Center (DOC) for Richmond's Department of Public Utilities. Ms. Herndon assisted staff at the DOC in guiding them through the exercise injects and their subsequent response actions. Following the exercise, Ms. Herndon participated in the hot wash with the entire city and provided input into the AAR.

Emergency Response Planning Support for the Clark County Reclamation District, Las Vegas, Nevada, 2011 – 2012. Ms. Herndon served as the project manager to prepare "Action Plans" for operations personnel to use during an incident. She led several workshops with District SMEs to identify key processes and procedures and what types of incidents would warrant which level of activation. Ms. Herndon was responsible for capturing the highly technical information during each of six, 4-hour workshops, and developing emergency procedures for Level II, Level II, and Level III emergencies. The procedures included specific parameters and examples to assist staff



MEMO

TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: CIRCULA PANORAMA PIPELINE REPLACEMENT PROJECT- FINAL

ACCEPTANCE

DATE: DECEMBER 19, 2024

Background

The Circula Panorama Pipeline Replacement Project (Project), as shown on the attached Location Map, was constructed in conjunction with the Circula Panorama Customer PRV Installation Project (completed in October). The scope of both projects encompassed the replacement/upsize of 3,200 LF of pipeline and the installation of 3 pressure reducing stations, 75 customer pressure reducing valves and pipeline appurtenances. The combined projects facilitated the removal of the Vista Panorama reservoir and provided significant benefit over replacing the reservoir by improving system pressures, providing a secondary supply pipeline to the upper pressure zones, and replacing/upsizing an aged pipeline.

The Board awarded construction of the pipeline Project to T.E. Roberts Construction (T.E. Roberts) at the December 14, 2023 meeting. T.E. Roberts has completed construction of the pipeline, appurtenances, and all punch list items. Unforeseen additional work was required during the course of construction as well as an adjustment of the final quantities. The major items of additional work included additional restraints and additional pipe to relocate a vault due to conflicts (previously approved in CO No. 1) and fire hydrant relocations due to conflicts. The major items for quantity adjustment included additional hard digging/rock, additional asphalt, and reduction of asphalt slurry seal. Butier Engineering and staff have reviewed and are recommending and requesting approval of a final change order (CO No. 2) to T.E. Roberts, in the amount of \$178,057, for the hydrant relocations, quantities adjustments, and other items as shown on the attached.

The project has received final inspection and acceptance of construction is recommended.

CIRCULA PANORAMA PIPELINE RE INSTALLATION PR	
Description	Est. Amount
Project Budget	\$ 280,000 \$4,120,000 \$ 500,000 <u>\$ 250,000</u> \$5,150,000
Project Actual Design Construction CM&I Total Expense	\$ 260,000 \$4,370,615 <u>\$ 405,000</u> \$5,035,615

Design Engineer Construction Management

Circula Panorama Pipeline Contractor

Original Contract

Change Orders to Date

Proposed Final Change Order

Proposed Final Contract

Original Days Final Days

Customer PRV Installation Contractor

Original Contact Change Orders

Final Contract

MKN Associates Butier Engineering

T.E. Roberts

\$3,929,258

\$ 69,760

\$ 178,057

\$4,177,075

180 187

Mike Bubalo Construction

\$184,000

\$ 9,540

\$193,540

Recommendation

That the Board:

- 1. Approve the Final Change Order, in the amount of \$178,057, to T.E. Roberts for unforeseen additional work and quantity adjustment for the pipeline replacement;
- 2. Accept construction of the Circula Panorama Pipeline Replacement project;
- 3. Authorize the General Manager to file a Notice of Completion; and
- 4. Authorize payment of the retention 35 days after the date of recording the notice of completion.

Attachment(s): Final Change Order

Location Map



CONTRACT CHANGE ORDER

Droject:	Circula Danarama Dinalina Conversion (7ana 2 to 2) 9. Deplacement Project
Project:	Circula Panorama Pipeline Conversion (Zone 3 to 2) & Replacement Project

Change Order Number: No. 02

Γο (Contractor):	TE ROBERTS INC.	
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You are hereby directed to make the herein changes to the plans and specifications or do the following described work not included in the plans and specifications in this contract.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED.

Unless otherwise stated, rates for rental of equipment cover only such time as equipment is used and no allowance will be made for idle time.

Change requested by: ______ Joseph C. Blum

The following changes are hereby made to the contract:

CHANGE IN CONTRACT QUANTITIES

CONTRACT LINE ITEMS:					
NO.	DESCRIPTION	UNIT PRICE	QTY	UNIT	AMOUNT
14	Added quantity for Bid Item No. 14: Reconn- Existing Service Line to New Water Pi Reference COR No. 9.		1	EA	\$2,971.00
17	Credit Bid Item No. 17: Remove and Repla Existing PRV valve, piping, and meter at Barr Site.		-1	LS	-\$46,698.00
18	Added quantity for Bid Item No. 18: Remove a Replace Asphalt Concrete Pavement	nd \$292.00	588	TON	\$171,696.00
19	Added quantity for Bid Item No. 19: Grind a Overlay Street Per County Specifications.	nd \$7.25	6,001	SF	\$43,507.25
20	Credit Bid Item No. 20: Slurry Seal Street processing County Specifications.	per \$3.00	-26,700	SF	-\$80,100.00
25	Added quantity for Bid Item No. 25: Excavat and Removal of Rock per Rock Clause; Referer COR No. 06.		8	CY	\$18,408.00

TOTAL CONTRACT ITEM SUBTOTAL \$109,784.25

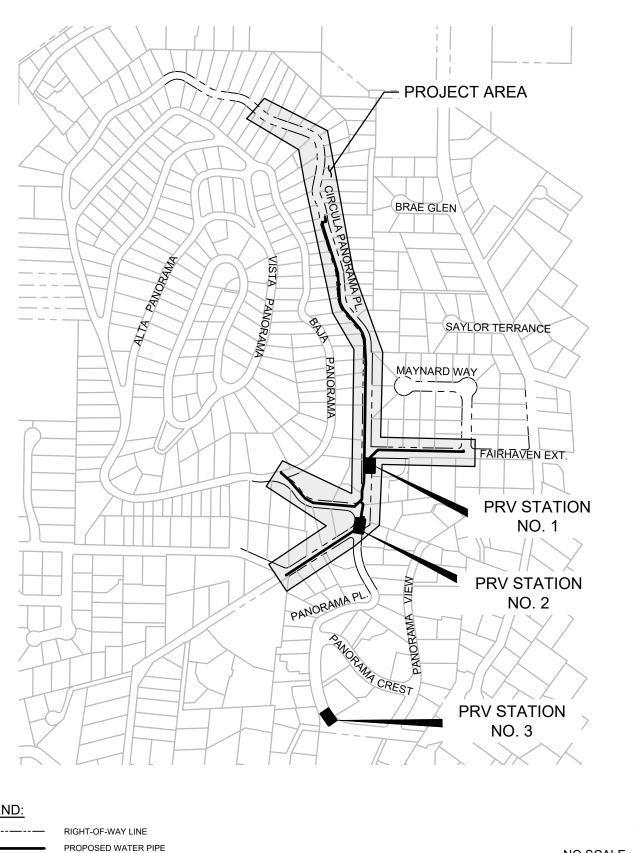
ГЕМ					
CHANGE REQUEST NO.	DESCRIPTION	UNIT PRICE	QTY	UNIT	AMOUNT
2	Added cost for removal and replacement of existing fire hydrants including pipe fittings and thrust blocks; Reference COR No. 02.	\$10,309.00	3	EA	\$30,927.00
4	Added cost for work related to repair of a 1" water service; Reference COR No. 04.	\$3,496.21	1	LS	\$3,496.2
5	Added cost for additional work related to unknown existing concrete encasements during installation of 12" water mainline; Reference COR No. 05.	\$11,869.06	1	LS	\$11,869.0
7	Added cost for added retaining walls for fire hydrants at STA. 42+80 and 18+20 and Blow-Off at STA. 22+80; Reference RFI No. 03; Reference COR No. 07.	\$7,981.87	1	LS	\$7,981.8
8	Added cost for replacement of a 1" water service corp. stop; Reference COR No. 08	\$3,084.61	1	LS	\$3,084.6
10	Added cost for removal of unknown existing concrete slurry to facilitate tie-in at Fairhaven Ext. and Carmel \$4,458.04 Way; Reference COR No. 10		1	LS	\$4,458.0
11	Added cost for reconstruction of water mainline with modifications to the tie-in; Reference COR No. 11	\$6,455.76	1	LS	\$6,455.7

Payment for elimination/additions of bid items will be r	eflected on the progress payments.	
CHANGE TO CONTRACT PRICE		
The contractor shall be paid \$178,056.80 for all work in		
Note: Give a complete description of work. The docu		
estimates of cost, are referenced hereon and made a par		
request number, and any other document as applicable.	A copy of each shall be attached to all	copies of this Change Order.
TOTAL COST THIS CHA	NGE ORDER: INCREASE: \$178,0	056.80
By reason of this order the contract time con	apletion will be adjusted as follows:	7 working days
SUMMARY OF O	CONTRACT CHANGE ORDERS	
ODICINIA CONTRACT ANTOLOGIC		#2.020.250.00
ORIGINAL CONTRACT AMOUNT		\$3,929,258.00
COST OF THIS CHANGE ORDERS		\$69,759.93
COST OF CHANGE ORDER		\$178,056.80
COST OF CHANGE ORDERS TO DATE		\$247,816.73
REVISED CONTRACT AMOUNT	1	\$4,177,074.73
Execution of this Change Order represents full and fir	ial costs of all direct, indirect, and del	ay costs for the scope of services
identified hereon unless noted otherwise.	T	
ACCEPT DATE	CONTRACTOR	
ACCELL DATE	CONTRACTOR	
BY	TITLE	
APPROVAL RECOMMENDED BY		DATE
EC	OCWD ENGINEER	
APPROVAL RECOMMENDED BY		DATE
CONSTRUCTION MAN	AGER/CONTRACT ADMINISTRA	ATOR
A PAPA CAVED DAY		D . (T)
APPROVED BY	NAD C. LIM	DATE
EOC	WD General Manager	

GRAND TOTAL CHANGE ORDER NO. 02

\$178,056.80

I hereby certify upon my own personal knowledge that budget funds are available for this encumbrance.



LEGEND:

NO SCALE



CIRCULA PANORAMA PIPELINE CONVERSION (ZONE 3 TO 2) AND REPLACEMENT PROJECT

FIGURE

PROJECT LOCATION MAP



MEMO

TO: BOARD OF DIRECTORS

FROM: GENERAL MANAGER

SUBJECT: LEGISLATIVE AND OUTREACH REPORT

DATE: DECEMBER 19, 2024

Background

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

Recommendation

Receive and File.

Attachment(s): Townsend Legislative Report & Current Legislative Matrix

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: December 11, 2024

Subject: December 2024 Legislative Monthly Report

STATE UPDATES

While the halls of the Capitol were quiet during November, Legislators and the Governor were busy in the aftermath of the election taking stock of new members, watching close races, and implementing ballot initiatives. Nearly one third of legislators in Sacramento are starting their first term and returned to Sacramento on December 2 to be sworn in. Legislators can now start introducing legislation, receiving committee assignments, and establishing policy priorities for the 2025-26 session.

Below is an overview of pertinent state actions from the month of November.

STATE LEGISLATURE

Voters Approve \$20 Billion in Bonds for Climate and School Facilities Projects – What's Next?

In November, California voters approved two significant statewide bonds, totaling \$20 billion, aimed at advancing climate resilience and modernizing school facilities. Proposition 2, passed with a 58% majority, authorizes \$10 billion in bond funding for school facility improvements, with 85% earmarked for K-12 schools and 15% for community colleges. Proposition 4, which received a 59% approval margin, provides another \$10 billion to support various climate initiatives, including wildfire prevention, water quality, parks and open spaces, and energy infrastructure enhancements.

Looking Ahead: Implementing Proposition 2 and 4 Funding

While the funds from these propositions are expected to make a lasting impact, the disbursement of resources for climate and educational projects may span several budget cycles. A portion of these funds could be allocated as early as the upcoming budget cycle, helping offset General Fund expenditures in these areas and freeing up resources for other critical priorities.

State Debt Overview and Bond Repayment

California currently has about \$80 billion in outstanding bonds and another \$35 billion in previously approved bonds awaiting sale, most of which will be sold over the next several years.

The state allocates roughly \$6 billion annually from its General Fund for bond repayment, representing about 3% of the General Fund revenue—a percentage lower than the historical average of 4%.

Repayment for Propositions 2 and 4 will add approximately \$900 million annually over 40 years to the state's bond obligations—\$500 million for Proposition 2 and \$400 million for Proposition 4. This repayment will account for about 0.5% of the General Fund's annual revenue, keeping bond debt service levels manageable and well below historical peaks.

Governor Newsom Proclaims New Special Session

Two days after the Presidential election, Governor Gavin Newsom announced a new special session of the California Legislature dedicated to safeguarding California values and fundamental rights ahead of a change in federal administration. Civil rights, reproductive freedom, climate action, and immigrant families are at the forefront of the Governor's proclamation that joins with state Attorney General Rob Bonta. President-Elect Trump has already mentioned the possibility of withholding disaster response funding from the State, and the Governor has prepared by considering creating a separate pot of funding the State could draw from.

The new <u>proclamation</u> tasks the Legislature with providing additional funding to the California Department of Justice and other agencies to support the State's ability to litigate actions taken by the incoming Trump Administration. During President-Elect Trump's first term, the State filed more than 120 lawsuits against his Administration and more legal fights are all but certain. State Legislative leadership has weighed in and committed to investing in the State's legal defense.

More details on the Governor's proposal will likely coincide with the January Budget release and additional funding could be dedicated as the Legislature and Governor's Administration negotiate a complete budget package.

Fire Insurance Ratemaking

Insurance Commissioner Ricardo Lara will be hosting a virtual <u>workshop</u> this month to discuss the net cost of reinsurance and ratemaking for fire insurance providers. This comes on the heels of modeling updates to predict climate-intensified wildfire risk which resulted in insurance cancellations and rate increases throughout the state.

Reinsurance has been utilized by insurance companies as a strategy to manage risk and expand capacity. Commissioner Lara is proposing the creation of a standard Net Cost of Reinsurance to be utilized as a benchmark for all insurance companies that demonstrate an increased commitment to maintaining coverage in higher risk areas.

Points of discussion for the workshop will include:

- Does incorporating the standard Net Cost of Reinsurance promote insurer solvency and address market stability?
- What information about reinsurance programs is most important to be provided to the public?
- How could a regulation on the net cost of reinsurance and corresponding insurer commitments most effectively align with the diversity of insurance companies writing in California?

- What are the most important components for establishing and conducting an efficient variance process?
- Is there any aspect of the process that is not addressed in this proposal?

The public is encouraged to participate live and/or provide written comments outlining possible solutions and answers to the above questions to Monica Macaluso, via electronic mail to CDIRegulations@insurance.ca.gov by December 5, 2024. This discussion is intended to contribute to future considerations of proposed regulations incorporating the net cost of reinsurance in ratemaking.

FEDERAL UPDATES

LEGISLATIVE BRANCH ACTIVITY

GOP Lays Groundwork to Renew Trump Tax Cuts in First 100 Days

Republicans plan to push through renewal of the 2017 GOP tax law in the first 100 days of the 119th Congress. Republicans have been laying the groundwork for months in case they won both chambers and the White House, so they are not starting from scratch after the new Congress is sworn in. They will be able to use the Senate's budget reconciliation rule that allows a party to pass fiscal laws with a simple majority. President Biden and Democrats used this rule most recently for the Inflation Reduction Act (IRA).

The goal is to figure out what pieces of the 2017 tax law can be locked in through the process as the budget reconciliation rule comes with limitations. There are limits to the types of changes that can be made, and party infighting can derail the process if individual provisions are in dispute. Ultimately, Republicans will have to agree on how much the package will cost and how much it will add to the deficit.

GOP Governing Majority Signals Changes to SALT Cap

President-Elect Donald Trump's return to the White House and Republican control of the Senate is making an increase of the \$10,000 state and local tax deduction (SALT) cap more likely in 2025. California would need to modify their statutes to continue offering the benefit because their programs are scheduled to sunset at the end of 2025.

In total, 36 states and New York City permit pass-through entities, such as partnerships and S corporations, the option to pay state and local taxes at the entity level, according to the American Institute of CPAs. These pass-through entity taxes allow some taxpayers to avoid the \$10,000 SALT limit set by 2017 Tax Cuts and Jobs Act.

President-Elect Trump favors repealing the SALT cap because it has been one of the 2017 law's most potent revenue generators. However, Congress is more likely to extend the cap and raise the threshold. The SALT cap's structure beyond 2025 could come down to the revenue requirements of any larger tax reform package.

The Committee for a Responsible Federal Budget estimated that allowing the \$10,000 cap to expire would boost the price tag for extending the 2017 tax law by \$1.2 trillion over 10 years. A compromise position, such as boosting the cap to \$15,000 for individuals and \$30,000 for joint filers, would collect \$564 billion over 10 years, according to an analysis by the Tax Foundation.

GOP Eyes Energy Tax Credit Rollback

On the campaign trail, President-Elect Donald Trump vowed to repeal the Inflation Reduction Act if given a governing majority. However, a full repeal appears unlikely because the conference is not unified on a complete repeal. Some Republicans are advocating for a more selective dismantling of the law, particularly due to the job creation it has stimulated in their districts.

Several provisions are currently under consideration for potential repeal, although such changes are generally not retroactive, and existing agreements are expected to remain in effect at least until the end of 2025. Among the specific energy credits facing scrutiny are those related to electric vehicles (EVs). Federal support for EV purchases, charging infrastructure, and domestic manufacturing has drawn significant criticism from Republican lawmakers. The GOP-led House has already voted to restrict eligibility requirements for EV credits under Section 30D, indicating a preference for tightening these credits rather than eliminating them entirely.

Additionally, tech-neutral credits that promote clean electricity investment and production may undergo modifications. These credits are set to be effective from 2025 until 2032 or until a greenhouse gas emissions reduction target is achieved. However, the timeline for these credits could be shortened or adjusted to be less favorable for projects that do not align with President Trump's priorities. The hydrogen credit is another area of uncertainty, as current IRS rules are under review. The Trump Administration may seek to revise these rules to be more favorable to businesses, particularly benefiting oil and gas companies interested in hydrogen initiatives.

Other credits are likely to remain intact, particularly those that align with President Trump's manufacturing objectives, such as the domestic content bonus credit and the advanced manufacturing credit under Section 45X, which encourage domestic sourcing and production. Credits like the 45Q carbon oxide sequestration credit, favored by oil and gas companies, and the 45U nuclear credit, supported by President Trump, are also expected to be secure. Furthermore, the provisions of the climate law that facilitate the buying and selling of energy tax credits are popular among corporations, with an estimated \$16 billion in transfer deals projected by the end of the year, which may shield them from significant rollbacks.

EXECUTIVE BRANCH ACTIVITY

White House Requests \$98.6 Billion in Emergency Disaster Aid Funds

On November 18, the White House requested \$98.6 billion in emergency disaster relief funding from Congress to begin recovery from Hurricane Milton and Hurricane Helene. Short-term federal response funding for Helene and Milton has been supported through the Federal Emergency Management Agency's Disaster Relief Fund, but that account is running low and does not cover costs for long-term recovery.

The \$98 billion request includes \$12 billion for the Department of Housing and Urban Development, \$8 billion for the Transportation Department, \$4 billion to the Environmental Protection Agency for water-system upgrades, and \$3 billion for Health and Human Services. In addition, the administration is seeking \$24 billion for the Department of Agriculture to aid farmers who experienced crop or livestock losses.

The White House's requested number may not be what is ultimately passed. House Speaker Mike Johnson stated that there was bipartisan interest in passing a disaster aid measure, but Senate Appropriations Committee Chair Patty Murray said in a statement that Congress had waited too long to pass legislation. The package would more than likely be attached to a continuing resolution that Congress is expected to pass prior to December 20.

President Elect Trump Begins Process of Assembling his Administration

President-Elect Trump has swiftly entered the transition phase as he assembles his administration and staff. He has announced several nominees for his cabinet and key White House positions. Senator Marco Rubio is set to leave his Senate seat to serve as Secretary of State, pending Senate confirmation, while Congresswoman Elise Stefanik will take on the role of Ambassador to the United Nations. Although the official House majority has yet to be declared, Republicans are expected to hold a slim majority. President-Elect Trump's selection of multiple House GOP members will likely reduce this majority, and make governing challenging for the first six months of the new Congress.

President-elect Trump has said he will nominate Congresswoman Lori Chavez-DeRemer for Labor Secretary. Congresswoman Chavez-DeRemer is a first-term lawmaker who lost her reelection bid. She garnered support from labor unions during the campaign, including the United Food and Commercial Workers and Teamsters Local 37. While in Congress, she sponsored several pieces of labor legislation, including a bill that would amend a workforce development law to strengthen technical assistance and support for communities impacted by substance abuse.

President-elect Trump is expected to continue announcing his appointments and staff, with a focus on a hardline approach to issues such as law and order, economic nationalism, and conservative judicial appointments. His strategy aims to consolidate his base and ensure a unified and assertive push for his legislative and executive priorities.

Biden-Harris Administration Announces Alternatives for Colorado River

This week, the Department of Interior released five proposed alternatives that will be analyzed as part of the Post-2026 Operations for the Colorado River. These alternatives represent a wide range of actions that respond to a broad spectrum of hydrology for the Colorado River Basin, reflecting elements from proposals submitted by Basin states, Tribes, cooperating agencies and non-governmental organizations. All five alternatives will be formally analyzed to ensure the long-term stability of the Colorado River Basin for all of the communities and habitats that rely on it. This range includes a "Basin Hybrid Alternative" designed to reflect components from the proposals and concepts submitted by the Upper Division States, Lower Division States, and Tribal Nations.

The post-2026 process is a multi-year effort ultimately determining operations for Lake Powell and Lake Mead and other water management actions in the future of persistent drought and increasing climate variability. The Bureau of Reclamation will now analyze these alternatives to develop a draft Environmental Impact Statement (EIS). Once published, the draft EIS will include a public comment period. This puts Reclamation on the path to publish a final EIS, which would then be followed by a Record of Decision in 2026.

The County of Orange Report

Prepared for East Orange County Water District

December 12, 2024 by Lewis Consulting Group

LAFCO Receives OCWD MSR and Feasability of Merger Study

The draft of the much anticipated Municipal Services Review of the Orange County Water District was publicly released November 15, 2024. The review conducted by Riverside County's Webb and Associates was lengthy and thorough. The final part of the draft authored by John Schatz dealt with the feasability of a OCWD / MWDOC merger. The MSR is OCWD's fourth, earlier ones were conducted in 2006, 2008 and 2013. The attached table provides an overview of the district.

District	Orange County Water District
Website	www.ocwd.com
Agency Type	Special District
Address	18700 Ward Street, Fountain Valley, CA 92708
Date Formed	1933
Employees (full-time)	226.5, as of July 1, 2023
Key Services	Provide potable and non-potable groundwater supply to 13 cities, five retail water agencies, and one investor-owned water utility ("19 Groundwater Producers").
Service Area	
Member Agencies ("19 Groundwater Producers")	Cities of Anaheim, Buena Park, Fountain Valley, Fullerton, Garden Grove, Huntington Beach, La Palma, Newport Beach, Orange, Santa Ana, Seal Beach, Tustin, and Westminster East Orange County Water District, Golden State Water Company, Irvine Ranch Water District, Mesa Water District, Serrano Water District, and Yorba Linda Water District
Service Area	Land Portion: 378 square miles Ocean Portion: 52 square miles
Sphere of Influence	569 square miles
Land Uses	Residential, commercial, industrial, institutional, and open space
Population Served	2,387,383 persons, as of January 1, 2023 ^(a)
Last MSR Conducted	February 13, 2013
Governance	
Local Representation	Ten-member Board of Directors, with each director representing a Division and elected to a four-year term by voters within their Division, except for the Cities of Anaheim, Fullerton, and Santa Ana who appoint a City Councilperson to serve on the Board.
Board Compensation	Effective October 2023, Board members are compensated \$330.75 per meeting for up to ten meetings per month. Board members are eligible for medical, dental, vision, and life insurance benefits, and participation in 401(a) and 457 plans.
Board Meetings	Monthly on the 1 st and 3 rd Wednesday at 5:30 p.m. Meetings are held at the District office and open to the public.
Agency Contact	John Kennedy, P.E., General Manager

The district has invested \$900 million expanding the treatment capacity for its Ground Water Replenishment Systems. In doing so, it has incurred long-term debt of \$870 million, requiring a \$44 million outlay in debt service.

The biggest challenge OCWD faces is protecting the integrity of Orange County's large underground basin. Seawater intrusion and ground subsidence are on-going threats. However, the most serious challenge is well PFAS contamination. The district estimates that up to 102 wells could be contaminated and cost for treatment could reach as much as \$550 million. The study did not reveal any major criticisms of the district.

But What About Consolidation?

When the Orange County Grand Jury released its "Water in Orange County Needs One Voice" report, it rekindled the long standing debate of consolidation between Orange County's two major water providers. Perhaps the "money quote" is finding #10 from the study: "based on the financial analysis conducted herein using the last three years of adopted budgets as a baseline for the successor agency, and statement of net position showing a healthy net positive volume, consolidation of the two agencies is considered fiscally feasible and sustainable".

Nevertheless, there appears to be a number of trip wires that could stymie consolidation. Is having two perspectives on Orange County's water needs necessarily a bad thing? What kind of governance structure would emerge? Do the relating minor financial savings justify major upheaval in Orange County's water future?

Perhaps the largest impediment to consolidate is the legal path required. Because OCWD is a special act district, it can not be a Member Public Agency. Hence it would take re-opening the MWD Act to accomplish consolidation legislatively. Re-opening the act would invite extraneous issues and amendments which could cause great turmoil. On the other hand, MWDOC is a Member Public Agency and consolidation would not require legislation.

It is important to remember that this is merely a feasability study, not an OCWD formal request for consolidation. If that is attempted, a successful conclusion would be years away, One wonders if OCWD files an application would MWDOC consider filing a competing application? Could the canary ultimately swallow the cat?

The study identified a maximum number of 18 duplicative positions that if all were eliminated would result in \$2.25 million in annual savings. In addition, savings from economies of scale could push net savings to \$4 million. Finally, the transition of employees to CAL-PERS could result in total savings of \$6.4 million. However, one of the two retirement scenarios would trigger a one-time termination fee between \$9.9 and \$23.8 million.

As the analysis notes, even if consolidation is not pursued or achieved, there are future opportunities for MWDOC and OCWD savings based on increased collaboration.

The MSR and consolidation study will be on the February LAFCO agenda. Although the study is in a 45 day review period, it is possible there may be public comments discussed during the January meeting.



The November 13, 2024 meeting of OCLAFCO was fairly uneventful. The Commission unanimously adopted the 2025/2026 OCERS contribution rates and annual audit. They also adopted a staff report on Levine Act Compliance. Notice was served that the December meeting of LAFCO would be cancelled, with the next meeting scheduled for January 8, 2025 at 8:15 a.m.

The meeting also brought about a changing of the guard as City Commissioner Bruce Whitaker experienced his last meeting, as he was termed-out of the Fullerton City Council. Replacing Bruce will be Yorba Linda City Councilwoman Peggy Huang. Huang was overwhelmingly elected by the Orange County City Selection Committee to fill the vacancy.

Once again, the dispute between local LAFCOs and Cal-LAFCO was on display as Public Commissioner Derek McGregor again criticized Cal-LAFCO by noting "they don't understand the concerns that have been raised". The withdrawal from Cal-LAFCO of county LAFCOs is an increasingly likely occurrence.





THE PRESIDENCY

Former President Donald Trump regained the keys to the White House by not only dominating the electoral college, but is a mild surprise, carried the national popular vote as well. Trunp's nearly 2,5 million margin led to a 50% to 48% victory.

U.S. SENATE

Fueled by election victories in West Virginia, Montana, Ohio and Pennsylvania, Republicans captured control in the U.S. Senate with a new 53-47 margin. Results could have been far worse for Democrats as Republican candidates in Wisconsin, Michigan, Nevada and Arizona all lost despite Donald Trumps' victory in each of those states.

U.S. HOUSE

In another mild surprise, Republicans maintained a narrow majority in the House of Representatives. When Central California Republican Congressman John Duarte was finally overtaken in the late vote count by Democrat Adam Gray, the dust settled and Republicans maintained a slim 220-215 margin in the House. Due to Presidential appointments, the margin will temporarily decline even further. Speaker Michael Johnson will have his hands full scheduling votes with vacancies looming.

CALIFORNIA LEGISLATURE

Democrats have easily maintained their super-majority in both legislative branches winning 30 of 40 State Senate seats and 63 of 80 Assembly seats. Republicans remain largely irrelevant in Sacramento.

STATEWIDE RACES

In the U.S. Senate contest Adam Schiff easily defeated Republican Steve Garvey 59% to 41%. The Garvey showing was better than expected.

Among the ten statewide voter initiatives Prop 4 the Water, Wildlife and Climate Bond passed 60%-40%. Prop 32 a raise in the state minimum wage lost 51%-49%. Prop 33 encouraging residential rent control lost 60%-40%. Prop 36 increased sentencing for certain drug and theft crimes passed 68% to 32%.

KEY LOCAL RACES

Democrats fared well in O.C. Congressional races. Derek Tran narrowly defeated GOP incumbent Michelle Steel and State Senator Dave Min bested GOP hopeful Scott Baugh. Democrats now represent 5 of 6 Orange County Congressional seats with Congresswoman Young Kim remaining the sole GOP Congressional representative.



NEWLY ELECTED CONGRESSMAN DEREK TRAN



RETURNING TO THE BOARD - JANET NGUYEN

Two other local races of note are the return of Janet Nguyen to the Orange County Board of Supervisors, and the mildly surprising win by Assemblyman Steven Choi defeating incumbent State Senator Josh Newman by a 51%-49% margin.

Predicting the Electoral Future

This year Republicans were buoyed by election inroads made among Hispanics, Blacks, men and young voters to name a few. Nationally they were also aided by a very favorable U.S. Senate map.

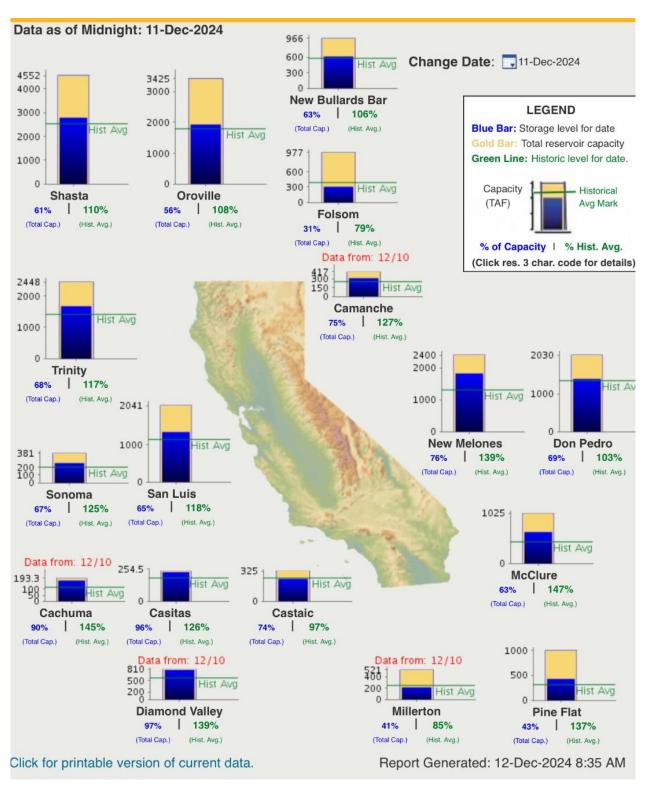
As of 2026 there will be 26 U.S. Senate seats up for grabs. This time the map favors Democrats as 20 Republican and 13 Democrats will stand for election.

Looking forward to 2032, both the Presidential and Congressional elections will be effected by national population shifts that will be beneficial to Republicans. If current population trends hold, states that voted for Trump will gain 12 electoral votes, while states voting for Harris will lose 12. The same states will gain and lose the same number of Congressional districts. The big winners will be Texas and Florida (4 each), while California (-5), New York (-3) and Illinois (-2) figure to be the biggest losers.



And In Water News

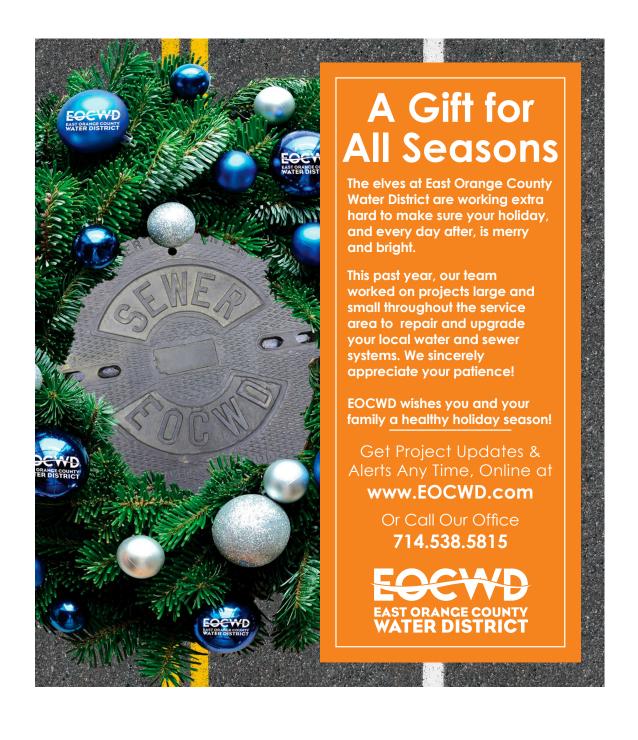
Thanks to a November atmospheric river storm, Northen California reservoirs, particularly Shasta and Oroville, are now above their historical averages.



November Foothills Sentry Ad



December Foothills Sentry Ad





SOCIAL MEDIA REPORT

To: David Youngblood, General Manager, EOCWD

From: Victoria Castro, Social Media Manager, Communications LAB

Date: December 2, 2024

Re: Social Media Report // November 2024

SUMMARY REPORT

FACEBOOK

CURRENT PAGE FOLLOWERS

2,243

NEW PAGE FOLLOWERS

2

PAGE VISITS

53 -11.7%

PAGE REACH

60 +93.5%

INSTAGRAM

TOTAL FOLLOWERS

629

NEW FOLLOWERS

3 -66.7%

PAGE REACH

25 +257.1%

PROFILE VISITS

10 -23.1%

LINKEDIN

TOTAL FOLLOWERS

58

NEW FOLLOWERS

-80%

PAGE VIEWS

6 -80%

UNIQUE VISITORS

4 -69.2%

TOP SOCIAL MEDIA POSTS

TOP INSTAGRAM POST

Tallis Here!

Fall is Here!

Reach: 23

Engagement: 1

TOP FACEBOOK POST



We Are Working For You!

Reach: 32

Engagement: 2

TOP LINKEDIN POST



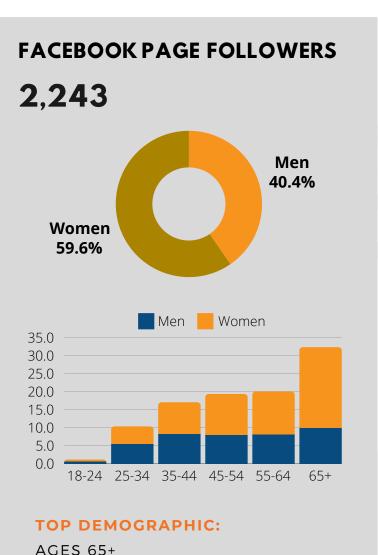
Check Your Leaks

Reach: 81

Engagement: 2

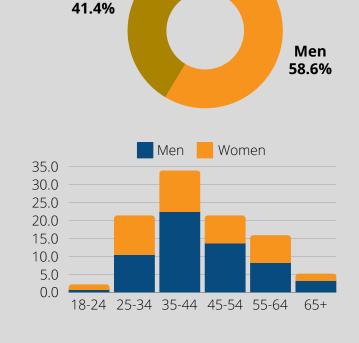
DEMOGRAPHIC | TARGET MARKET

PAGELIKES & FOLLOWERS (AGE & GENDER)



instagram page followers 629

Women



TOP DEMOGRAPHIC:

AGES 35-44 WOMEN (11.5%) MEN (22.4%)

TOP CITIES (FACEBOOK)

• Los Angeles, CA 11.1%

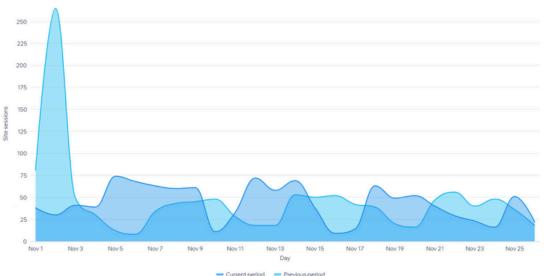
WOMEN (22.4%) MEN (9.9%)

- Santa Ana, CA 8.1%
- Anaheim, CA 5%
- Orange, CA 5%
- Long Beach, CA 4.7%

TOP CITIES (INSTAGRAM)

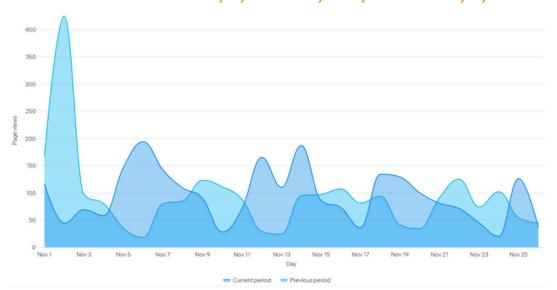
- Los Angeles, CA 2.9%
- San Diego, CA 2.5%
- Anaheim, CA 2.5%
- Long Beach, CA 2.2%
- Riverside, CA 1.7%

TRAFFIC OVER TIME 11/1/24 - 11/26/24 v. 10/1/24 - 10/26/24



PAGE VIEWS

11/1/24 -11/26/24 v. 10/1/24 -10/26/24



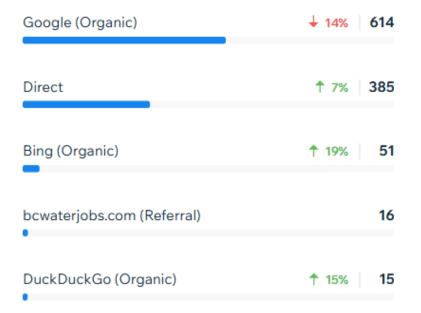
TRAFFIC BY TIME OF DAY

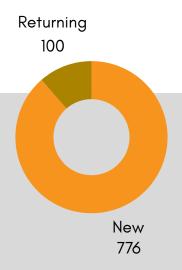
Best time of day to schedule: Friday (12:00 AM)

Day >	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Hour ^							
00 am	2	0	1	1	2	13	1
01 am	1	1	0	1	1	1	1
02 am	1	0	0	1	1	1	1
03 am	1	1	1	0	1	1	0
04 am	1	0	1	1	2	2	2
05 am	1	1	1	2	3	1	1
06 am	1	1	1	1	2	1	2
07 am	1	2	2	1	3	2	1
08 am	1	2	3	6	6	2	1
09 am	2	4	5	4	6	4	1
10 am	1	4	4	6	3	4	1
11 am	1	5	4	5	3	3	3
12 pm	2	2	4	3	2	3	2
01pm	1	4	5	5	2	2	6
02 pm	1	3	3	3	4	4	3
03 pm	3	4	7	4	5	3	4
04 pm	2	4	5	6	2	2	2
05 pm	1	2	2	1	4	2	2
06 pm	1	2	3	1	2	2	3
07 pm	2	3	2	1	2	2	1
08 pm	2	1	2	2	2	1	3
09 pm	2	2	2	2	2	1	1
10 pm	1	1	3	1	1	1	1
11 pm	1	1	0	1	7	2	1

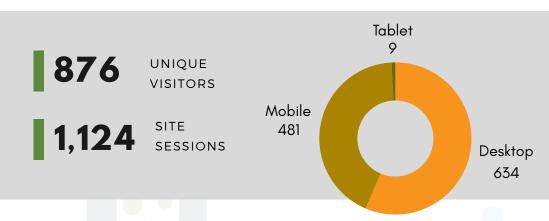
WEBSITE

TOP TRAFFIC SOURCES BY SESSIONS





NEW VS. RETURNING VISITORS



SESSIONS BY DEVICE

OVERVIEW

SITE SESSIONS **1,124** +18%

UNIQUE VISTORS 876 + 17.2%

AVG. SESSION 4M 13S +37.2%



MEMO

TO: BOARD OF DIRECTORS FROM: GENERAL MANAGER

SUBJECT: DIRECTOR'S REPORTS

DATE: DECEMBER 19, 2024

Background

Board members represented the District at the following meetings in October & November 2024:

President Davert

10/24 EOCWD Regular Board Meeting

Vice President Murdoch

10/15	ACWA Region 10 Event
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10/17 EOCWD Engineering & Operations Committee

10/24 EOCWD Regular Board Meeting

11/7 ACWA Business Development Committee
 11/14 EOCWD Engineering & Operations Committee
 11/21-11/22 ACWA Board of Directors Meeting, Sacramento, CA

Director Sears

10/4	Water Advisory	Committee of	Orange County	(WACO)

10/24 EOCWD Regular Board Meeting 10/30 ISDOC Quarterly Luncheon

11/1 Water Advisory Committee of Orange County (WACO)

Director Thoms

10/4	Water Advisory Committee of Orange County (WACO)
10/17	EOCWD Engineering & Operations Committee
10/24	EOCWD Regular Board Meeting
10/30	ISDOC Quarterly Luncheon
11/1	Water Advisory Committee of Orange County (WACO)
44144	

11/14 EOCWD Engineering & Operations Committee

Director Nielsen

10/24 EOCWD Regular Board Meeting

Recommendation

Informational.