

**NOTICE OF A REGULAR MEETING
OF THE BOARD OF DIRECTORS OF THE
OLIVENHAIN MUNICIPAL WATER DISTRICT
1966 Olivenhain Road, Encinitas, CA 92024
Tel: (760) 753-6466 • Fax: (760) 753-5640
VIA TELECONFERENCE AND IN PERSON**

Pursuant to AB3035, effective January 1, 2003, any person who requires a disability related modification or accommodation in order to participate in a public meeting shall make such a request in writing to Stephanie Kaufmann, Executive Secretary, for immediate consideration.

DATE: WEDNESDAY, JULY 17, 2024

TIME: 4:00 P.M.

PLACE: HYBRID REGULAR MEETING VIA ZOOM AND IN-PERSON

The meeting is being held virtually as a convenience to the public. The meeting will not stop or suspend its in-person meeting should a technological interruption occur with respect to the Zoom or call-on options listed on the agenda.

For Zoom Participation:
www.zoom.us/join
Meeting ID: 873 9004 4388
Passcode: 123722

For Zoom Call-in Only:
Call: (669) 900-9128
Meeting ID: 873 9004 4388
Passcode: 123722

Public Participation/Comment: Members of the public can participate in the meeting by emailing your comments on an agenda item to the Board Secretary at skaufmann@olivenhain.com or address the board directly in real-time under either of the public comment sections. If you do not receive a confirmation email that your comment has been received, please call (760) 632-4648 or address the board under either of the public comment sections to ensure that your comments are heard in real-time. The subject line of your email should clearly state the item number you are commenting on and should include your name and phone number. All comments will be emailed to the Board of Directors.

*NOTE: ITEMS ON THE AGENDA MAY BE TAKEN OUT OF SEQUENTIAL ORDER
AS THEIR PRIORITY IS DETERMINED BY THE BOARD OF DIRECTORS*

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL
4. DETERMINATION OF A QUORUM
5. ADOPTION OF AGENDA

6. PERSONAL APPEARANCES AND PUBLIC COMMENTS
7. PRESENTATION OF AWARDS AND HONORABLE MENTIONS

Service Awards, Promotions and Honorable Mentions

*Giovanni Santana – Valve Maintenance Technician I – Lateral Transfer

8. CONSIDER APPROVAL OF THE MINUTES OF THE JUNE 19, 2024, REGULAR BOARD OF DIRECTORS MEETING
9. CONSENT CALENDAR

*NOTE: ANY ITEM MAY BE REMOVED FROM THE CONSENT CALENDAR
 FOR DISCUSSION*

C-a	CONSIDER ADOPTION OF A MOTION APPROVING THE PAYMENT OF LISTED WARRANTS FROM THE DISTRICT'S REVOLVING AND REGULAR ACCOUNTS; LISTED TRANSFERS OF FUNDS; REIMBURSEMENT OF EXPENSES TO BOARD MEMBERS AND STAFF; AND MONTHLY INVESTMENT REPORT
C-b	CONSIDER ADOPTION OF A MOTION APPROVING THE DISTRICT'S CONSOLIDATED STATEMENT OF NET POSITION, CONSOLIDATED STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION, CONSOLIDATED STATEMENT OF CASH FLOWS, CONSOLIDATED ACTUAL VS BUDGET SUMMARY, AND CONSTRUCTION IN PROGRESS REPORTS
C-c	CONSIDER 2024 ANNUAL OBJECTIVES AND TIGER TEAM STATUS REPORT
C-d	CONSIDER ACCEPTANCE OF THE 777 NORTH EL CAMINO REAL FIRE DETECTOR CHECK AND WATER SERVICE INSTALLATION PROJECT (HANNAHGRAHAM II, LLC) INTO OMWD'S SYSTEM AND ORDER A NOTICE OF COMPLETION FILED
C-e	CONSIDER APPROVAL OF CONSTRUCTION CHANGE ORDER 2 WITH TEICHERT ENERGY AND UTILITIES GROUP INC. DBA TEICHERT UTILITIES IN THE AMOUNT OF \$71,341 FOR UNFORESEEN CONDITIONS DURING THE RECYCLED WATER PIPELINE EXTENSIONS FOR CALLE BARCELONA, VILLAGE PARK, AND SUMMERHILL PROJECT AND AUTHORIZE THE GENERAL MANAGER TO SIGN ON BEHALF OF OMWD

10. CONSIDER ADOPTION OF A RESOLUTION OF THE BOARD OF DIRECTORS OF THE OLIVENHAIN MUNICIPAL WATER DISTRICT HONORING MARVIN COHEN FOR 25 YEARS OF DEDICATED SERVICE
11. DISCUSS DRAFT 2024 WATER COST OF SERVICE RATE STUDY AND FINANCIAL PLAN WITH RAFTELIS FINANCIAL CONSULTANT, INC. AND RECEIVE INPUT FROM THE BOARD (WATER RATE WORKSHOP)
12. CONSIDER ADOPTION OF AN ORDINANCE AMENDING THE OLIVENHAIN MUNICIPAL WATER DISTRICT'S ADMINISTRATIVE AND ETHICS CODE (Article 6 – Regulations Governing Purchases & Surplus Sales)

13. CONSIDER SETTING A TIME AND PLACE FOR A PUBLIC HEARING TO CONSIDER IMPLEMENTATION OF PHASE TWO OF THE 5 YEAR PHASE-IN PROGRAM OF THE OLIVENHAIN MUNICIPAL WATER DISTRICT'S WATER CAPACITY FEES FOR 2024 (AUGUST 14, 2024 – 5:30 P.M.)
14. CONSIDER INFORMATIONAL REPORT ON WATER SUPPLY CONDITIONS AND LONG-TERM WATER USE EFFICIENCY LEGISLATION
15. CONSIDER APPROVAL OF CONSTRUCTION CHANGE ORDERS 7 AND 8 WITH ORION CONSTRUCTION CORPORATION FOR THE COMBINED AMOUNT OF \$225,795 FOR THE 4S RANCH NEIGHBORHOOD 1 SEWER PUMP STATION REPLACEMENT PROJECT, APPROPRIATE AN ADDITIONAL \$250,000 TO THE PROJECT, AND AUTHORIZE THE GENERAL MANAGER TO SIGN ON BEHALF OF OMWD
16. INFORMATIONAL REPORTS
 - A. PRESIDENT
 - B. GENERAL MANAGER
 - C. CONSULTING ENGINEER
 - D. GENERAL COUNSEL
 - E. SAN DIEGO COUNTY WATER AUTHORITY REPRESENTATIVE
 - F. LEGISLATIVE
 - G. TWELVE MONTH CALENDAR / OTHER MEETINGS / REPORTS BY BOARD MEMBERS PER AB 1234
 - H. BOARD COMMENTS
17. CORRESPONDENCE
18. AUTHORIZATION TO ATTEND UPCOMING MEETINGS / CONFERENCES / SEMINARS
19. FUTURE AGENDA ITEMS
20. CONSIDER PUBLIC COMMENTS
21. CLOSED SESSION
 - A) CONSIDER LITIGATION – OLIVENHAIN MUNICIPAL WATER DISTRICT v. COUNTY OF SAN DIEGO [PURSUANT TO GOVERNMENT CODE SECTION 54956.9]
 - B) CONSIDER LITIGATION – STANLEY D. JONES ET AL. VS. OLIVENHAIN MUNICIPAL WATER DISTRICT [PURSUANT TO GOVERNMENT CODE SECTION 54956.9]
22. OPEN SESSION
23. ADJOURNMENT



Memo

To: Board of Directors
From: Stephanie Kaufmann, Executive Secretary
Via: Kimberly A. Thorner, General Manager
Subject: BOARD MEETING MINUTES

Draft minutes of the most recently held Board of Directors meeting will be provided separately. Following board approval, the minutes will be posted on OMWD's website.

Memo

Date: July 17, 2024
To: Olivenhain Municipal Water District Board of Directors
From: Rainy K. Selamat, Finance Manager
Via: Kimberly A. Thorner, General Manager
Subject: **CONSIDER ADOPTION OF A MOTION APPROVING THE PAYMENT OF LISTED WARRANTS FROM THE DISTRICT'S REVOLVING AND REGULAR ACCOUNTS; LISTED TRANSFERS OF FUNDS; REIMBURSEMENT OF EXPENSES TO BOARD MEMBERS AND STAFF; AND MONTHLY INVESTMENT REPORT**

The following monthly financial reports are enclosed for review and approval by the Board of Directors:

- June 2024 Summary of payment of listed warrants from the District's checking account and listed transfer of funds.
- June 2024 Monthly Summary of Reimbursement Expenses to Board Members and Staff.
- May 2024 Monthly Investment Report.

Olivenhain Municipal Water District
Proposed Motions for July 17, 2024 Board of Directors Meeting
June 2024 Activities
Consent Calendar Item # C-a

Proposed Motions:

- I. That the following warrants and transfers be approved:

Regular Account	Warrants - by check	035453 ✓	to	035612 ✓	\$	1,176,557.62
	Warrants - by EFT	EFT000000001354 ✓	to	EFT000000001432 ✓		746,092.12
						<hr/> 1,922,649.74 ✓
	ACH Payments - Payroll					226,046.22
	Wire - SDCWA - Monthly Purchased Water Payment					2,224,073.80
	ACH Payments - Payroll					284,003.29
	ACH Payments - RAD 96-1 Debt Service					394,512.38
					\$	<hr/> <hr/> 5,051,285.43 ✓

Major Category of Disbursements

Total warrants from the District's checking account:

\$ 1,922,649.74

Following is a breakdown of this total by major categories:

Category

Outside services	\$	1,284,511.25
Inventory and supplies		249,533.97
Utilities		172,749.04
Repairs and maintenance		31,667.99
Other		9,381.96
Refunds		5,736.32
Insurance		168,662.41
Permit Fees		406.80

Total

\$ 1,922,649.74 ✓

Sincerely,



Rainy K. Selamat/Finance Manager

Olivenhain Municipal Water District
Proposed Motions for July 17, 2024 Board of Directors Meeting
June 2024 Activities

California Bank and Trust

Regular Account

Warrants - by check	035453	to	035612	\$	1,176,557.62
Warrants - by EFT	EFT000000001354	to	EFT000000001432		746,092.12
					<hr/>
					1,922,649.74
6/6/2024 ACH Payments - Payroll					226,046.22
6/17/2024 Wire - SDCWA - Monthly Purchased Water Payment					2,224,073.80
6/20/2024 ACH Payments - Payroll					284,003.29
6/27/2024 ACH Payments - RAD 96-1 Debt Service					394,512.38
Total				\$	<hr/> <hr/>
					5,051,285.43

Approved:

For Board Consideration and Approval

Olivenhain Municipal Water District
June 2024 Warrant List - Check & EFT

Number	Date	Name	Amount	Inv Reference	Multiple Invoices?
035453	6/5/2024	4S Ranch Gasoline & Car Wash	3,238.59	WWTP GASOLINE	Yes
035454	6/5/2024	Amanda Ermanis	61.59	REF:1009609_224850	
035455	6/5/2024	American Messaging	61.75	L1-072035	
035456	6/5/2024	Angus Asphalt Inc.	21,766.80	RETENTION	Yes
035457	6/5/2024	AT & T	675.86	Utilities	
035458	6/5/2024	Bee Rescue LLC	550.00	ELFIN FOREST PARK SERVICE	Yes
035459	6/5/2024	Bret Hutchinson dba	4,125.00	PARKS DEPT SERVICES	
035460	6/5/2024	California State Disbursement Unit	123.23	Garnishment	
035461	6/5/2024	Chelsea Carlisle	134.28	REF:1061266_204045	
035462	6/5/2024	Don Fryer	141.64	REF:1011068_169960	
035463	6/5/2024	Edco Waste & Recycling	660.09	WASTE DISPOSAL SERVICES	Yes
035464	6/5/2024	Federal Express Corp	130.31	SHIPPING	
035465	6/5/2024	GEM Industrial Electric, Inc.	2,313.90	REF:1093828_303725	Yes
035466	6/5/2024	Grangetto's Ag. Supply	113.65	STRAW HATS (12)	
035467	6/5/2024	Guardian	980.22	6/24 DENTAL ADMIN FEES	
035468	6/5/2024	Hazen and Sawyer	19,545.25	Engineering Services During Construction of the DCMWTP Stage 4 Upgrades	Yes
035469	6/5/2024	HDR Engineering, Inc.	55,000.00	San Dieguito Groundwater Risk Review Study	Yes
035470	6/5/2024	Infosend	3,893.00	4/24 MAINTENANCE FEE	
035471	6/5/2024	Interstate Battery Of San Diego Inc	313.00	SHOP SUPPLIES	
035472	6/5/2024	Kevin Foley	44.11	REF:1093500_208055	
035473	6/5/2024	Mark Johnson	99.16	REF:1091832_201190	
035474	6/5/2024	Monisa Ramesh Babu	107.39	REF:1092725_159680	
035475	6/5/2024	Morton Salt Inc	6,146.56	WTP CHEMICALS	
035476	6/5/2024	Newco Inc.	34,481.83	48,400 lbs. Sodium Fluoride	Yes
035477	6/5/2024	Pacific Pipeline Supply	785.47	SUPPLIES	
035478	6/5/2024	Pape Material Handling, Inc.	266.17	WWTP SERVICES	
035479	6/5/2024	Republic Services #661	728.59	3-0661-1001776	
035480	6/5/2024	Rick Whitney	250.00	2024 LANDSCAPE CONTEST WINNER	
035481	6/5/2024	San Diego Gas & Electric	1,202.13	Utilities	Yes
035482	6/5/2024	Sonoca Corporation	207.45	REF:1094032_221075	
035483	6/5/2024	State Water Resources	70.00	D1 CERT RENEWAL - N.NAUGLES	
035484	6/5/2024	TASC	562.10	5/24 VEBA ADMIN FEES	
035485	6/5/2024	Teichert Energy & Utilities Group, Inc.	227,848.00	Construction of the RW Pipeline Extensions for CB, Village Park & Summerhill	Yes
035486	6/5/2024	Tetra Tech Inc	857.50	Engineering Support PLC Replacement Project (Potable/Recycled)	Yes
035487	6/5/2024	Thomas Johnson	555.53	REF:1091384_100055	
035488	6/5/2024	UniFirst Aid Corp	578.63	FIRST AID SUPPLIES	Yes
035489	6/5/2024	US Bank	2,190.51	PRINTERS LEASE	
035490	6/5/2024	Valerie Roos	151.13	REF:1090146_121760	
035491	6/5/2024	White Cap Construction Supply	3,355.30	WALK BEHIND SAW	
035492	6/12/2024	American Battery Supply	32.13	SUPPLIES	
035493	6/12/2024	American Conservation & Billing Solutions, Inc.	3,251.00	6/24 AQUAHAWK SERVICES	
035494	6/12/2024	Bee Rescue LLC	1,750.00	GANO RESERVOIR	Yes
035495	6/12/2024	CBIONE	1,050.00	WTP SERVICES	
035496	6/12/2024	CCL Contracting Inc.	51,272.44	MANCHESTER AVE SERVICES	Yes
035497	6/12/2024	Chicago Title	1,500.00	17578 CAMINITO DE LOS ESCOSES	Yes
035498	6/12/2024	City Treasurer	729.83	4/24 METER SERVICE CHARGE	
035499	6/12/2024	Complete Office	1,044.74	HR MGR OFFICE FURNITURE	Yes
035500	6/12/2024	County Of San Diego	406.80	GRAUER SCHOOL	Yes
035501	6/12/2024	David Wolf	76.96	REF:1053775_207560	
035502	6/12/2024	Fallbrook Printing Corp	121.50	EFRR DOCENT CARD	
035503	6/12/2024	Federal Express Corp	43.20	SHIPPING	
035504	6/12/2024	Fernald Wentzell	63.27	REF:1062893_169200	
035505	6/12/2024	First Choice Technology	158.83	13001474	Yes
035506	6/12/2024	Frost Company	2,500.00	WWTP DIGESTER SERVICE	
035507	6/12/2024	Infrastructure Engineering Corporation	12,514.75	FINAL FEMA LETTER-MAP REVISION	
035508	6/12/2024	Jeffrey Dickinson	130.15	REF:1008297_213430	
035509	6/12/2024	Joe's Paving Inc	33,803.25	Asphalt Restoration Work	Yes
035510	6/12/2024	Zeller, Jonathan	210.00	TUITION REIMBURSEMENT	
035511	6/12/2024	Pacific Pipeline Supply	4,493.18	Anode Clamps 1" and other supplies	Yes
035512	6/12/2024	Pamala Reiter	39.80	REF:1027857_225035	
035513	6/12/2024	PWLC I, INC	1,200.00	TREE REMOVAL ON EASEMENT	Yes
035514	6/12/2024	RECON Environmental, Inc.	1,541.25	CALLE MESSINA NEXT CLEARANCE	
035515	6/12/2024	Republic Services	1,884.15	4-4530-0333405	
035516	6/12/2024	Rockwell Construction	5,320.00	Construction Mgmt Services PLC Replacement Project (Potable/Recycled)	Yes
035517	6/12/2024	S D G & E	264.85	400000078	
035518	6/12/2024	San Diego County	3,420.00	SPLASH LAB SCHOOL VISITS	
035519	6/12/2024	San Diego Gas & Electric	42,590.96	Utilities	Yes
035520	6/12/2024	San Diego North EDC	1,500.00	MEMBERSHIP DUES 7/24-6/25	
035521	6/12/2024	Shane Sullivan	24.00	5/24 GYM REIMBURSEMENT	
035522	6/12/2024	Sunbelt Rentals, Inc.	354.14	CONCRETE & MIXER	Yes
035523	6/12/2024	The Amergroup Inc.	3,476.54	Security System Installation	Yes
035524	6/12/2024	VOID	-	VOID	
035525	6/12/2024	Verizon Connect Fleet USA, LLC	924.85	100000112726	
035526	6/12/2024	Vincent Benvin	34.75	REF:1093025_188825	
035527	6/12/2024	West Yost & Associates, Inc	10,265.00	Support for Manchester Recycled Water site connections	Yes
035529	6/19/2024	Alexander Goodman	60.59	REF:1092979_244280	
035530	6/19/2024	Alyssa Libby	65.18	REF:1091151_147700	
035531	6/19/2024	Am Tec Total Security Inc	180.00	PARKS- ANNUAL MONITORING	
035532	6/19/2024	AT & T	1,196.10	Utilities	Yes
035533	6/19/2024	Jymy Briseno	98.00	COLLECTIONS CERT RENEW REIMB	
035534	6/19/2024	California State Disbursement Unit	123.23	Garnishment	
035535	6/19/2024	Channing Abers	63.96	REF:1094322_220415	
035536	6/19/2024	City Treasurer	366.14	620000109372	
035537	6/19/2024	Kare Connor	1,360.00	CPR/FIRST AID WORKSHOP 6/5/24	
035538	6/19/2024	Corodata	1,017.60	OFFSITE RECORDS STORAGE	
035539	6/19/2024	Corodata Shredding, Inc	63.87	SHREDDING SERVICES	
035540	6/19/2024	Fallbrook Printing Corp	1,166.43	RECYCLED WTR P/L POSTCARDS	Yes
035541	6/19/2024	Firehawk Fire & Safety	4,877.41	WWTP EXTINGUISHER SERVICE	Yes
035542	6/19/2024	Home Depot/Gecf	7,231.14	5/24 SUPPLIES	Yes
035543	6/19/2024	Idexx Distribution Inc	269.78	WTP SUPPLIES	
035544	6/19/2024	Infosend	9,093.41	WATER BILL STATEMENTS	
035545	6/19/2024	Infrastructure Engineering Corporation	17,514.38	Recycled water hydraulic model development, calibration and master planning	Yes

Olivenhain Municipal Water District
June 2024 Warrant List - Check & EFT

Number	Date	Name	Amount	Inv Reference	Multiple Invoices?
035546	6/19/2024	Kris Hudgens	49.52	REF:1093154_135915	
035547	6/19/2024	Line X Of Escondido	822.51	PU118	Yes
035548	6/19/2024	Matthew Zabel	86.27	REF:1090286_191410	
035549	6/19/2024	Napa Auto Parts	87.17	5/24 SUPPLIES	
035550	6/19/2024	Pacific Pipeline Supply	616.33	8" PVC White SDR-41 Pipe	Yes
035551	6/19/2024	Pape Material Handling, Inc.	857.09	WWTP SERVICES	
035552	6/19/2024	Pitney Bowes Global Fin Srvcs	437.12	POSTAGE MACHINE LEASE	
035553	6/19/2024	PWLC I, INC	14,848.00	LANDSCAPE MAINTENANCE	Yes
035554	6/19/2024	Ralph Andersen & Associates	1,090.00	OMWD Salary Survey	Yes
035555	6/19/2024	RECON Environmental, Inc.	5,057.50	Environmental services for EFR NEPA	Yes
035556	6/19/2024	Republic Services	1,746.45	4-4530-0333405	
035557	6/19/2024	Republic Services #661	17,459.46	WASTE DISPOSAL SERVICES	Yes
035558	6/19/2024	Ryan Koehler	126.78	REF:1092345_193465	
035559	6/19/2024	San Diego Building Maintenance	5,396.00	5/24 JANITORIAL SERVICES	
035560	6/19/2024	San Diego County Recorder	50.00	NOE FILING FEE - WW RATE CHGS	
035561	6/19/2024	San Diego Gas & Electric	98,092.65	Utilities	Yes
035562	6/19/2024	Santa Fe Irrigation Dist	3,342.12	008128-009	Yes
035563	6/19/2024	Solana Center	4,575.00	RAIN BARRELS	
035564	6/19/2024	Sonsray Machinery LLC	140.17	BA08 SUPPLIES FOR DISTRICT VEHICLE	Yes
035565	6/19/2024	Sophie Reitz-Bouren	64.90	REF:1091931_202080	
035566	6/19/2024	GGTW LLC dba South Bay Salt Works	7,403.39	WTP CHEMICALS	
035567	6/19/2024	Steven DeMatteo	80.20	REF:1091214_160770	
035568	6/19/2024	Tri Signal Integration Inc	387.25	WTP FIRE ALARM MONITORING	
035569	6/19/2024	ULINE	51.71	WWTP SUPPLIES	
035570	6/19/2024	UniFirst Aid Corp	786.03	FIRST AID SUPPLIES	Yes
035571	6/19/2024	VWR International LLC	1,019.73	WTP SUPPLIES	Yes
035572	6/19/2024	Lawrence A Watt	33.41	MILEAGE REIMBURSEMENT	
035573	6/19/2024	Zebtron	19,550.00	Liner repair work for three 4S Collection System Manhole	Yes
035574	6/26/2024	Alfa Laval Inc.	1,965.06	WTP SUPPLIES	
035575	6/26/2024	American Conservation & Billing Solutions, Inc.	3,251.00	7/24 AQUAHAWK SERVICES	
035576	6/26/2024	AT & T	756.74	Utilities	Yes
035577	6/26/2024	Bee Rescue LLC	2,275.00	BEE REMOVAL - VARIOUS LOCATIONS	Yes
035578	6/26/2024	Blue-White Industries	2,708.29	WTP SUPPLIES	
035579	6/26/2024	Boot World Inc	164.84	Safety Boots	Yes
035580	6/26/2024	Clarissa Champlain	134.28	REF:1091310_219450	
035581	6/26/2024	Kare Connor	1,615.00	6/12/24 CPR/FIRST AID TRAINING	
035582	6/26/2024	Daniel Klippert	148.95	REF:1061002_191045	
035583	6/26/2024	Encinitas Ford	64.09	FB27 DISTRICT VEHICLE SUPPLIES	Yes
035584	6/26/2024	Federal Express Corp	157.81	SHIPPING	
035585	6/26/2024	Grangetto's Ag. Supply	374.33	PARKS SUPPLIES	Yes
035586	6/26/2024	Gabriel Hernandez	24.00	GYM REIMBURSEMENT	
035587	6/26/2024	Infrastructure Engineering Corporation	1,835.00	NBHD SPS Replacement Design Support	Yes
035588	6/26/2024	Jennifer Edvardsen	27.36	REF:1082899_219835	
035589	6/26/2024	KDC Inc. dba	32,990.86	PLC Replacement Project Construction (Potable/Recycled)	Yes
035590	6/26/2024	Leonard J. Ackerman, Trustee 23-00105-MM723	422.66	REF:1094200_236810	
035591	6/26/2024	Michael Belin	38.04	REF:1002358_224515	
035592	6/26/2024	Michael R. Welch, Ph.D, P.E.	1,170.00	San Dieguito Groundwater Project Services	Yes
035593	6/26/2024	Napa Auto Parts	990.31	SHOP SUPPLIES	
035594	6/26/2024	Nick Boess	348.00	TUTION REIMBURSEMENT	
035595	6/26/2024	One Source Distributors	2,709.00	SUPPORT SERVICES	
035596	6/26/2024	Orion Construction Corporation	268,054.87	NBHD 1 Sewer Pump Station Replacement	Yes
035597	6/26/2024	Pacific Pipeline Supply	15,044.82	Hydrant supplies, couplings, meter box, and WTP supplies	Yes
035598	6/26/2024	Palomar Health	200.00	EE SERVICES	
035599	6/26/2024	Rancho Santa Fe Community Svs	8,502.24	5/24 10.3 AC/FT RECYCLED WATER	
035600	6/26/2024	Randene Van Weiren	150.00	REF:1034514_196045	
035601	6/26/2024	RCP Block & Brick Inc	293.72	SAND BAGS - FILLED (48)	Yes
035602	6/26/2024	RECON Environmental, Inc.	1,124.50	Environmental Services Agreement for EFR NEPA	Yes
035603	6/26/2024	Spencer Reed	1,782.87	EE COMPUTER PURCHASE LOAN	
035604	6/26/2024	Richard F. Yeager Jr. Db	2,170.00	Catholic Protection Project	Yes
035605	6/26/2024	Ryan Rana	47.25	REF:1092565_241445	
035606	6/26/2024	Ryan Shook	9.27	REF:1092217_218070	
035607	6/26/2024	San Diego Gas & Electric	1,234.17	Utilities	Yes
035608	6/26/2024	Specialty Seals & Accessories	2,666.64	SUPPLIES	Yes
035609	6/26/2024	Streakwave Wireless Inc	1,182.77	SUPPLIES	Yes
035610	6/26/2024	Tetra Tech Inc	4,410.00	Engineering Support PLC Replacement Project (Potable/Recycled)	Yes
035611	6/26/2024	The Amergroup Inc.	3,993.97	ACCESS CNTL/INTRUSION SYS	Yes
035612	6/26/2024	ULINE	207.89	WTP SUPPLIES	
EFT000000001354	6/5/2024	Standard Insurance Co.	6,202.49	6/24 LIFE & LTD INSURANCE PREM	
EFT000000001355	6/5/2024	Vallecitos Water District	40,468.69	RECLAIMED WATER SALES	
EFT000000001356	6/5/2024	Traffic Supply Inc	118.04	SUPPLIES	
EFT000000001357	6/5/2024	B. Weber Consulting LLC	4,525.81	CONSULTING SERVICES	Yes
EFT000000001358	6/5/2024	Hasa	9,344.93	WWTP CHEMICALS	
EFT000000001359	6/5/2024	North County Powder Coating	186.47	WTP SERVICES	
EFT000000001360	6/5/2024	McMaster-Carr Supply Co.	702.66	WWTP SUPPLIES	Yes
EFT000000001361	6/5/2024	CyberlinkASP Technology	10,318.76	DYNAMICS GP HOSTING SERVICES	
EFT000000001362	6/5/2024	GEI Consultants, Inc	1,632.00	AS NEEDED WATER QUALITY SVCS	
EFT000000001363	6/5/2024	Mitsubishi Electric Power Products, Inc. dba	1,198.73	BATTERY REPLACEMENT	
EFT000000001364	6/5/2024	USA Blue Book	1,375.70	WWTP SUPPLIES	Yes
EFT000000001365	6/5/2024	Patriot Environmental	555.00	WWTP ROLL-OFF BIN DISPOSAL	
EFT000000001366	6/5/2024	Global Power Group Inc	1,792.08	WWTP PM SERVICES	Yes
EFT000000001367	6/5/2024	CDW Government Inc	5,667.13	CROWSTRIKE SUPPORT	Yes
EFT000000001368	6/5/2024	Nossaman LLP	6,750.00	4/24 LOBBYING SERVICES	
EFT000000001369	6/5/2024	Insight Public Sector, Inc.	14,363.00	Microsoft 365 (Plan G3)	Yes
EFT000000001370	6/5/2024	Water for People	63.00	WTRPL 6/6/2024	

Olivenhain Municipal Water District
June 2024 Warrant List - Check & EFT

Number	Date	Name	Amount	Inv Reference	Multiple Invoices?
EFT000000001371	6/12/2024	Ababa Bolt Inc	444.70	WTP SUPPLIES	
EFT000000001372	6/12/2024	Mesa Products	282.33	SUPPLIES	Yes
EFT000000001373	6/12/2024	Solar-Care	85.00	OMWD HQ WINDOW	
EFT000000001374	6/12/2024	Balboa Engineering Inc.	47,700.00	Preliminary & Final Design Services for VP West PRS Replacement Project	Yes
EFT000000001375	6/12/2024	Sloan Electric	2,839.21	WTP - ALIGN MOTOR TO EQUIPMENT	
EFT000000001376	6/12/2024	BlueWater Strategies Ilc	78,000.00	CONSULTING SERVICES	
EFT000000001377	6/12/2024	The Pun Group LLP	3,000.00	6/30/24 AUDIT SERVICES	
EFT000000001378	6/12/2024	Alpha Mechanical, Inc	5,929.00	EF-3 Exhaust Fan Replacement at DCMWTP	Yes
EFT000000001379	6/12/2024	Martin Marietta Materials Inc	1,156.94	YARD MATERIALS	Yes
EFT000000001380	6/12/2024	Ignacio Tool Supply Inc.	24.78	SHOP TOOLS	
EFT000000001381	6/12/2024	Rusty Wallis Inc.	4,290.00	WTP CHEMICALS	
EFT000000001382	6/12/2024	Mitsubishi Electric Power Products, Inc. dba	608.20	BATTERY REPLACEMENT	
EFT000000001383	6/12/2024	USA Blue Book	2,312.08	WWTP SUPPLIES	Yes
EFT000000001384	6/12/2024	Samba Holdings Inc	210.29	DRIVER RECORD MONITORING	
EFT000000001385	6/12/2024	ESS	2,052.64	KANTECH CARD READER	Yes
EFT000000001386	6/19/2024	ACWA - JPIA	160,698.70	7/24 GROUP INSURANCE PREM	
EFT000000001387	6/19/2024	Leucadia Wastewater District	3,002.04	EMPLOYEE ASSISTANCE PGM FY2425	
EFT000000001388	6/19/2024	Southern Counties Lubricants, LLC.	10,113.75	FUEL SUPPLIES	Yes
EFT000000001389	6/19/2024	Evoqua Water Technologies	258.60	5/24 WWTP VAPORLINK	
EFT000000001390	6/19/2024	San Elijo Joint Powers Auth.	71,353.20	5/24 25.5 AC/FT RECYCLED WATER	Yes
EFT000000001391	6/19/2024	McMaster-Carr Supply Co.	104.36	WWTP SUPPLIES	
EFT000000001392	6/19/2024	NexusTek Phoenix	3,700.72	CLOUD STORAGE	
EFT000000001393	6/19/2024	G. Brist Consulting, Inc.	2,273.45	ENGINEER CONSULTING SERVICES	Yes
EFT000000001394	6/19/2024	Transnet Investigative Group Inc.	215.00	PRE-EMPLOYMENT BACKGROUND	
EFT000000001395	6/19/2024	WREGIS	0.75	RENEW ENERGY FEE	
EFT000000001396	6/19/2024	E.H. Wachs Company	4,529.02	VALVE TURNING CONTROLLER	
EFT000000001397	6/19/2024	Martin Marietta Materials Inc	410.00	DUMP BOBTAIL	
EFT000000001398	6/19/2024	Be Gone Graffiti	2,550.00	WTP SERVICES	
EFT000000001399	6/19/2024	West Coast Sand & Gravel	1,538.99	YARD MATERIALS	Yes
EFT000000001400	6/19/2024	Raffelis Financial Consultant	17,222.50	2024 WATER COST OF SVC STUDY	
EFT000000001401	6/19/2024	Whitson CM	300.00	OMWD HQ SITE INSPECTIONS	
EFT000000001402	6/19/2024	CDW Government Inc	7,734.70	SURFACE PRO LAPTOP, APPLE MACBOOK PRO, ARCTIC WOLF, OTHER IT SUPPLIES	Yes
EFT000000001403	6/19/2024	Nossaman LLP	31,959.56	4/24 LEGAL SERVICES	Yes
EFT000000001404	6/19/2024	San Diego County Water Authority	16,119.20	DAM OPS & MAINTENANCE	
EFT000000001405	6/19/2024	Integrity Municipal Systems	5,618.80	NBHD #3 SPS SCRUBBER SERVICE	Yes
EFT000000001406	6/19/2024	Water for People	63.00	WTRPL 6/20/2024	
EFT000000001407	6/26/2024	ACWA - JPIA	781.00	EXCESS CRIME INS 7/24-6/25	
EFT000000001408	6/26/2024	Underground Service Alert	512.25	DIG ALERT TICKETS	
EFT000000001409	6/26/2024	Interface Automation Inc.	12,352.50	TRAINING SERVICES	Yes
EFT000000001410	6/26/2024	AG Tech Llc	2,870.20	BIOSOLIDS WASTE DISPOSAL	
EFT000000001411	6/26/2024	Traffic Supply Inc	63.87	BLACK STRIPING PAINT	
EFT000000001412	6/26/2024	Westamerica Communications, Inc.	5,758.04	Watching water and printing services	Yes
EFT000000001413	6/26/2024	Hasa	9,325.43	WWTP CHEMICALS	
EFT000000001414	6/26/2024	North County Powder Coating	186.47	WTP SUPPLIES	
EFT000000001415	6/26/2024	Evoqua Water Technologies	301.67	WWTP PREVENT MAINT SERVICES	
EFT000000001416	6/26/2024	McMaster-Carr Supply Co.	239.85	SUPPLIES	
EFT000000001417	6/26/2024	Ninyo & Moore	2,838.00	GEOTECHNICAL CONSULTING SVCS	
EFT000000001418	6/26/2024	Calif. Surveying & Drafting Supply	396.24	SUPPLIES	
EFT000000001419	6/26/2024	EcosConnect LLC	527.00	5/24 BACKFLOW REPORTS	
EFT000000001420	6/26/2024	Parkhouse Tire Inc	949.83	PU39 SERVICES	Yes
EFT000000001421	6/26/2024	Martin Marietta Materials Inc	583.36	DUMP BOBTAIL	Yes
EFT000000001422	6/26/2024	GEI Consultants, Inc	2,334.50	AS NEEDED WATER QUALITY SVCS	
EFT000000001423	6/26/2024	Rincon Consultants Inc.	6,544.50	NSDWRC GRANT ADMIN SUPPORT	Yes
EFT000000001424	6/26/2024	GSE Construction Co., Inc.	28,500.00	Construction of the DCMWTP Stage 4 Upgrades	Yes
EFT000000001425	6/26/2024	West Coast Sand & Gravel	1,445.91	YARD MATERIALS	Yes
EFT000000001426	6/26/2024	Patriot Environmental	1,529.50	WWTP GRIT DISPOSAL SERVICES	
EFT000000001427	6/26/2024	Nossaman LLP	57,323.21	April and May 2024 legal services	Yes
EFT000000001428	6/26/2024	Insight Public Sector, Inc.	5,556.95	Lenovo ThinkPad P16 Gen 2 - 16 (21FA002TUS)	Yes
EFT000000001429	6/26/2024	Valley Construction Management	9,112.00	Construction management services, ROW inspections	Yes
EFT000000001430	6/26/2024	County of San Diego, RCS	171.00	5/24 RADIO SERVICES	
EFT000000001431	6/26/2024	Motion Industries	1,472.87	SUPPLIES	Yes
EFT000000001432	6/26/2024	Harrington Industrial Plastics Inc	449.97	WTP SUPPLIES	
			<u>1,922,649.74</u>		

Olivenhain Municipal Water District
Monthly Directors Fee and Reimbursed Expenses for Directors and Staff
June 2024

<u>Name</u>	<u>Payment Date</u>	<u>Check#/ Credit Card</u>	<u>Meals & Lodging</u>	<u>Travel & Transport</u>	<u>Other</u>	<u>Total Reimbursed Expenses</u>	<u>Directors Fee*</u>
Director Guerin			0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00
Director Hahn			0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00
Director Meyers			0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00
Director San Antonio			0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00
Director Watt	6/26/2024	35613	32.16	0.00	0.00	32.16	0.00
			32.16	0.00	0.00	32.16	0.00
General Manager Thorner			0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	
Human Resources Manager Joslin			0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	
Finance Manager Selamat			0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	
Operations Manager Bartlett-May			0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	
Engineering Manager Stephenson			0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	
Assistant General Manager Randall			0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	
Customer Service Manager Carnegie			0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	

*May and June Per Diems paid on July 3, 2024.

Notes:

- (1) Reviewed and discussed with the Finance Committee (02/05/18).
- (2) Reimbursement of expenses are in compliance with Article 19 of the District's Administrative and Ethics Code.
- (3) Travel and other expenses charged to District's credit cards and paid by the District are recorded and maintained separately.

Olivenhain Municipal Water District
MONTHLY CASH AND INVESTMENT SUMMARY
As of May 31, 2024

Active Deposits

	<u>Book Value</u>
Checking Accounts	\$ 1,833,762
Cash Restricted for Specific Use	1,717,328
Petty Cash/Disaster Preparedness	1,496
Total Active Deposits	<u>\$ 3,552,586</u>

Deposits Not Covered by Investment Policy

Cash with Fiscal Agents	5,713,312
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<u>Investments</u>	<u>Face Value</u>	<u>Market Value</u>	<u>Current Yield</u>	
LAIF	\$ 6,633,847	6,595,313	4.33%	\$ 6,633,847
CAMP - US Bank	24,655,578	24,655,578	5.43%	24,655,578
Money Market Funds	4,294,533	4,294,533	4.78%	4,294,533
Municipal Bonds	1,000,000	998,070	5.01%	1,216,760
U.S. Treasury Securities	20,400,000	20,125,518	4.95%	20,087,706
U.S. Agency Securities	31,475,000	29,977,155	1.41%	31,472,000
Total Investments	<u>\$ 88,458,959</u>	<u>\$ 86,646,167</u>	<u>3.81%</u>	<u>\$ 88,360,425</u>

Total - All Deposits/Investments

\$ 97,626,322

Maturity Analysis of Investments

	<u>Percent</u>	<u>Balance</u>
Demand Deposits	40.3%	\$ 35,583,959
Maturity within the next two months	9.5%	8,409,434
Maturity within three months and one year	20.5%	18,140,588
Maturity beyond one year	29.7%	26,226,444
Total Investments	<u>100.0%</u>	<u>\$ 88,360,425</u>

Weighted Average Days to Maturity

246

Other Required Disclosures:

Accrued interest receivable as of 05/31/2024 \$ 274,241

The above investments are in accordance with the portfolio limitations in the Investment Policy approved by the Board in December 2023.

The District has sufficient funds on hand to meet the next 60 days' obligations.

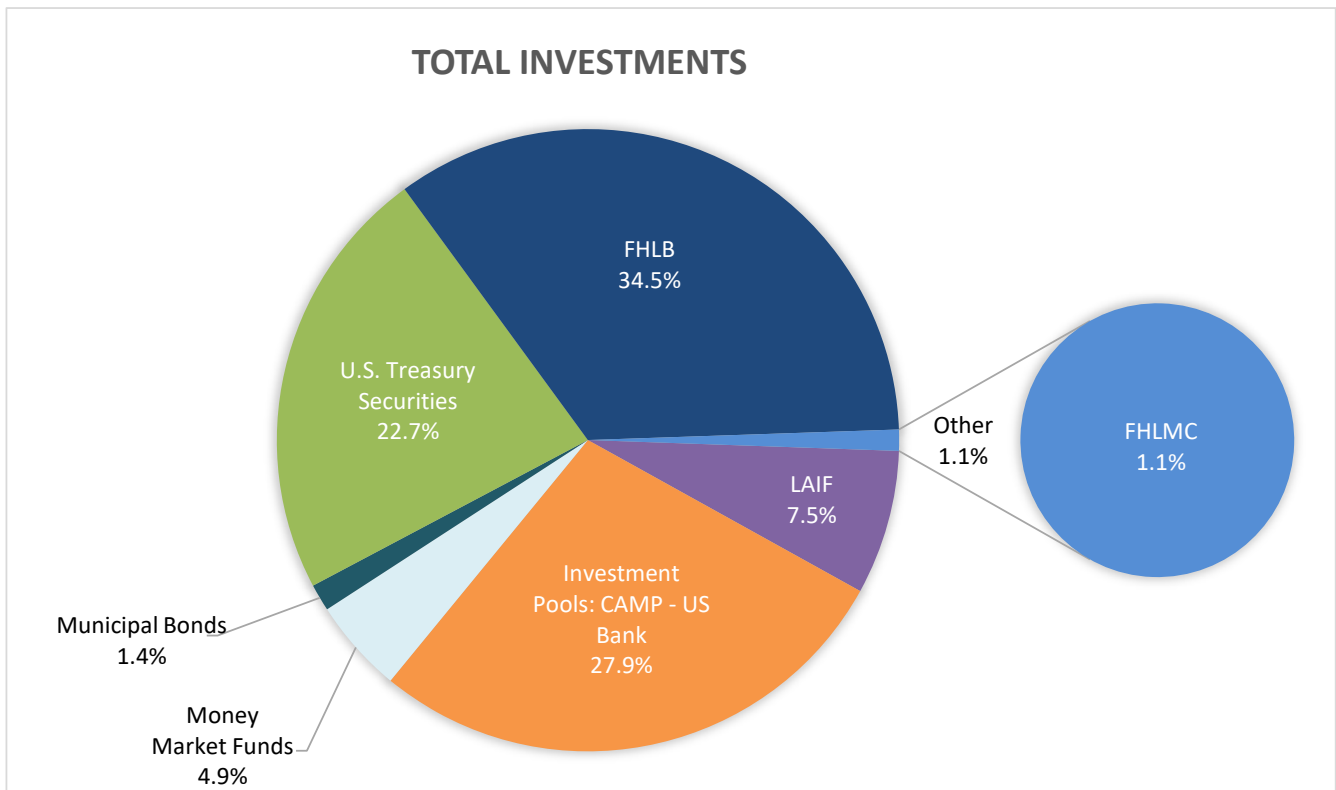
Olivenhain Municipal Water District
PORTFOLIO LIMITATIONS ANALYSIS PER INVESTMENT POLICY
May 31, 2024

		Book Value	Percent	Permitted Percent		In Compliance?
LAIF		\$ 6,633,847	7.5%	50.0%	(1)	Yes
Investment Pools: CAMP - US Bank		24,655,578	27.9%	30.0%		Yes
Money Market Funds		4,294,533	4.9%	20.0%	(2)	Yes
Municipal Bonds		1,216,760	1.4%	30.0%		Yes
U.S. Treasury Securities		20,087,706	22.7%	100.0%	(3)	Yes
U.S. Agency Securities		31,472,000	35.6%	50.0%		Yes
<i>FHLB</i>	<i>Federal Home Loan Bank</i>	<i>30,472,000</i>	<i>34.5%</i>			
<i>FHLMC</i>	<i>Freddie Mac</i>	<i>1,000,000</i>	<i>1.1%</i>			

Total Investments	\$ 88,360,425	100%
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Note:

- (1) No more than 50% of the total value of all District Investments or \$40 million.
(2) May not exceed 5% in any money market fund.
(3) No limit.



* Total may not add up to 100% due to rounding.

Olivenhain Municipal Water District
MONTHLY INVESTMENTS DETAIL
May 31, 2024

ACTIVE DEPOSIT

											Book Value
Checking A/C: California Bank and Trust for General Purpose											1,833,762
California Bank and Trust for Specific Purpose											530,210
CAMP 2021A Bond											1,187,117
Petty Cash/Disaster Preparedness											1,496
Total - Active Deposits											3,552,586

DEPOSITS NOT COVERED BY INVESTMENT POLICY

Cash with Fiscal Agents:

Union Bank - RAD 96-1 Refunding Bond	818,125
Union Bank - 2015A Refunding Bond	2,174,358
SRF Loan	1,084,278
Union Bank - 2016A Refunding Bond	781,479
Union Bank - 2021A WW Revenue Bond	261,656
Union Bank - 2021B Refunding Bond	593,416

Total Deposits Not Covered by Investment Policy

RATING		DATE				Weighted Average Days to Maturity	Call	Stated Coupon	Current Yield	Market Value	Face Value	Book Value
Moody's	S&P	Purchase	Maturity	Next Call	Next S-U							

INVESTMENTS

Invest. Pools:	US Bank Calif. Asset Mgmt Prgm (CAMP)	Demand	1	5.43%	\$ 24,655,578	\$ 24,655,578	\$ 24,655,578
	State Local Agency Investment Fund (LAIF)	Demand	1	4.33%	6,595,313	6,633,847	6,633,847
	First American Government 31846V567	Demand	1	5.20%	228,691	228,691	228,691
	CB&T Money Market Account	Demand	1	4.76%	4,065,843	4,065,843	4,065,843

U.S. Treasury Notes/Bills

912797FS1	U.S. Treasury Bills	Aaa	-	03/19/24	06/13/24	14	5.32%	5.32%	998,540	1,000,000	987,660
912796ZW2	U.S. Treasury Bills	Aaa	-	03/21/24	06/20/24	21	5.34%	5.35%	1,995,020	2,000,000	1,973,815
912796Y52	U.S. Treasury Bills	Aaa	-	04/09/24	07/05/24	36	5.30%	5.33%	1,990,620	2,000,000	1,975,100
912797GB7	U.S. Treasury Bills	Aaa	-	04/11/24	07/11/24	42	5.33%	5.36%	1,988,880	2,000,000	1,973,859
912797KC0	U.S. Treasury Bills	Aaa	-	02/29/24	08/22/24	84	5.30%	5.36%	5,831,383	5,900,000	5,792,207
912797GL5	U.S. Treasury Bills	Aaa	-	03/14/24	09/05/24	98	5.27%	5.35%	1,972,740	2,000,000	1,950,809
91282CBQ3	U.S. Treasury Notes	Aaa	-	03/09/21	09/30/24	123	0.50%	0.54%	926,480	1,000,000	984,478
912797GW1	U.S. Treasury Bills	Aaa	-	04/11/24	10/03/24	126	5.31%	5.41%	1,473,615	1,500,000	1,462,852
912797KU0	U.S. Treasury Bills	Aaa	-	04/25/24	10/17/24	140	5.32%	5.43%	1,960,640	2,000,000	1,950,243
912828YH7	U.S. Treasury Notes	Aaa	-	03/09/21	02/28/26	639	1.50%	1.52%	987,600	1,000,000	1,036,684
						68	4.89%	4.95%	\$ 20,125,518	\$ 20,400,000	\$ 20,087,706

U.S. Agency Securities

3130AMMV1	FHLB Callable	Aaa	AA+	06/03/21	06/03/24		4	0.40%	0.40%	500,000	500,000	500,000		
3130ALHM9	FHLB Callable	Aaa	AA+	03/10/21	06/10/24		11	0.30%	0.30%	999,010	1,000,000	999,000		
3130ANTP5	FHLB Callable	Aaa	AA+	09/16/21	09/16/24	06/16/24	109	17	0.50%	0.51%	985,170	1,000,000	1,000,000	
3130ANSP6	FHLB Callable	Aaa	AA+	09/17/21	10/17/24	09/17/24	140	110	0.50%	0.51%	981,100	1,000,000	1,000,000	
3130AKEW2	FHLB Callable	Aaa	AA+	11/04/20	11/04/24	Anytime	158	1	0.43%	0.44%	1,959,680	2,000,000	2,000,000	
3130ANGN4	FHLB Step-up Callable	Aaa	AA+	08/18/21	02/18/25	08/18/24	08/18/24	264	80	1.00%	1.03%	972,490	1,000,000	1,000,000
3130AMKE1	FHLB Callable	Aaa	AA+	05/27/21	02/27/25	08/27/24	273	89	0.66%	0.68%	966,990	1,000,000	1,000,000	
3134GWAQ9	FHLMC Callable	Aaa	AA+	07/28/20	07/28/25	07/28/24	424	59	0.65%	0.68%	950,620	1,000,000	1,000,000	
3130B1CT2	FHLB Callable	Aaa	AA+	05/28/24	11/28/25	08/28/24	547	90	5.50%	5.50%	1,000,010	1,000,000	1,000,000	
3130AKGX8	FHLB Step-up Callable	Aaa	AA+	12/15/20	12/15/25	06/15/24	06/15/24	564	16	0.75%	0.79%	1,903,880	2,000,000	2,000,000
3130AKMD5	FHLB Callable	Aaa	AA+	01/26/21	01/26/26	07/26/24	606	57	0.50%	0.54%	928,280	1,000,000	999,500	
3130AKUJ3	FHLB Callable	Aaa	AA+	01/28/21	01/28/26	07/28/24	608	59	0.52%	0.56%	928,360	1,000,000	1,000,000	
3130AKN69	FHLB Callable	Aaa	AA+	01/28/21	01/28/26	01/28/25	608	243	0.50%	0.54%	928,040	1,000,000	1,000,000	
3130AKVN3	FHLB Callable	Aaa	AA+	01/29/21	01/29/26	07/29/24	609	60	0.52%	0.56%	928,240	1,000,000	1,000,000	
3130AKWK8	FHLB Callable	Aaa	AA+	02/12/21	02/12/26	08/12/24	623	74	0.51%	0.55%	926,570	1,000,000	1,000,000	
3130AKX43	FHLB Step-up Callable	Aaa	AA+	02/24/21	02/24/26	08/24/24	None	635	86	0.70%	0.75%	1,857,840	2,000,000	2,000,000
3130AL7M0	FHLB Callable	Aaa	AA+	02/24/21	02/24/26	08/24/24	635	86	0.63%	0.67%	927,060	1,000,000	1,000,000	
3130AKYR1	FHLB Callable	Aaa	AA+	02/25/21	02/25/26	02/25/25	636	271	0.55%	0.59%	925,800	1,000,000	1,000,000	
3130AL6K5	FHLB Callable	Aaa	AA+	02/25/21	02/25/26	02/25/25	636	271	0.58%	0.63%	926,290	1,000,000	1,000,000	
3130ALD76	FHLB Callable	Aaa	AA+	02/25/21	02/25/26	08/25/24	636	87	0.70%	0.75%	928,250	1,000,000	1,000,000	
3130ALCW2	FHLB Callable	Aaa	AA+	02/25/21	02/25/26	02/25/25	636	271	0.63%	0.67%	927,030	1,000,000	998,500	
3130ALGJ7	FHLB Callable	Aaa	AA+	03/23/21	03/23/26	06/23/24	662	24	1.00%	1.07%	908,125	975,000	975,000	
3130ALPQ1	FHLB Step-up Callable	Aaa	AA+	03/30/21	03/30/26	06/30/24	03/30/25	669	31	1.50%	1.59%	943,140	1,000,000	1,000,000
3130ALVC5	FHLB Step-up Callable	Aaa	AA+	04/14/21	04/14/26	07/14/24	10/14/24	684	45	1.25%	1.33%	941,340	1,000,000	1,000,000
3130APAY1	FHLB Callable	Aaa	AA+	10/21/21	10/21/26	07/21/24	874	52	1.10%	1.20%	914,190	1,000,000	1,000,000	
3130APL78	FHLB Callable	Aaa	AA+	10/28/21	10/28/26	07/28/24	881	59	1.38%	1.49%	920,490	1,000,000	1,000,000	
3130B1GJ0	FHLB Callable	Aaa	AA+	05/21/24	11/20/26	11/20/24	904	174	5.50%	5.52%	997,090	1,000,000	1,000,000	
3130B0WGO	FHLB Callable	Aaa	AA+	04/17/24	04/17/29	07/17/24	1,783	48	6.00%	5.99%	1,000,840	1,000,000	1,000,000	
3130B1AF4	FHLB Callable	Aaa	AA+	05/02/24	05/02/29	08/02/24	1,798	64	6.00%	5.99%	1,001,230	1,000,000	1,000,000	
							602	88	1.35%	1.41%	\$ 29,977,155	\$ 31,475,000	\$ 31,472,000	

Municipal Bonds

882724RA7	TEXAS ST PUB FIN AUTH	Aaa	AAA	10/30/20	10/01/25	489	5.00%	5.01%	998,070	1,000,000	1,216,760
						19	5.00%	5.01%	\$ 998,070	\$ 1,000,000	\$ 1,216,760
Total Investments						246	3.73%	3.81%	\$ 86,646,167	\$ 88,458,959	\$ 88,360,425

TOTAL - ALL DEPOSITS AND INVESTMENTS

\$ 97,626,322

Olivenhain Municipal Water District
INVESTMENTS TRANSACTION
May 31, 2024

PURCHASED

DATE				Investment Description	<i>Stated</i>	<i>Current</i>	Face Value	Book Value
Purchase	Maturity	Call	Step-Up		Coupon	Yield		
05/02/24	05/02/29	08/02/24		FHLB Callable	6.000%	5.993%	1,000,000	1,000,000
05/21/24	11/20/26	11/20/24		FHLB Callable	5.500%	5.516%	1,000,000	1,000,000
05/23/24	08/22/24			U.S. Treasury Bills	5.310%	5.362%	3,250,000	3,207,635
05/28/24	11/28/25	08/28/24		FHLB Callable	5.500%	5.500%	1,000,000	1,000,000

MATURED / REDEEMED / CALLED

DATE				Investment Description	<i>Stated</i>	<i>Current</i>	Face Value	Book Value
Redemption	Maturity	Call	Step-Up		Coupon	Yield		
05/02/24	05/02/24			U.S. Treasury Bills	5.304%	5.305%	1,000,000	988,115
05/09/24	05/09/24			U.S. Treasury Bills	5.322%	5.328%	1,000,000	987,648
05/21/24	05/21/24			U.S. Treasury Bills	5.305%	5.321%	1,000,000	987,123
05/23/24	05/23/24			U.S. Treasury Bills	5.323%	5.340%	3,250,000	3,208,913

Olivenhain Municipal Water District
UNAUDITED CASH POSITION BY FUNDING SOURCES
As of May 31, 2024

<u>Water Funds (Potable & Recycled)</u>		<u>Balance</u>
10050-100	Cash - Petty Cash Fund	1,496
10010-100	Cash - Operating Fund	14,821,526
10030-100	Cash - Capital and Equipment Fund	39,297,243
10040-100	Cash - Rate Stabilization Fund	11,762,487
10080-100	Cash - Pension Stabilization Fund	675,706
10060-100	Cash - Deposit Work for Other	196,003
14000-500	Restricted Cash - Capacity Fee Fund	6,824,733
Total Water Funds (Potable & Recycled)		<u>73,579,194</u>
 <u>Wastewater Funds</u>		
10010-110	Wastewater - Operating Fund	4,669,375
10030-110	Wastewater - Capital Replacement Fund	9,137,168
10040-110	Wastewater - Rate Stabilization Fund	2,749,418
10080-110	Cash - Pension Stabilization Fund	60,528
Total Wastewater Funds		<u>16,616,489</u>
 <u>Non Fiscal Agent Debt Service Cash</u>		
14020-570	Cash non-agent - RAD 96-1	519,010
10070-561	Cash non-agent - Bond 2015A	621
10070-581	Cash non-agent - Bond 2016A	10,580
14020-521	Cash non-agent - Bond 2021A	1,187,117
Total Non Fiscal Agent Debt Service Cash		<u>1,717,328</u>
 <u>Debt Service Funds</u>		
14030-510	SRF Loan - Fiscal Agent	1,084,278
14105-570	Redemption fund - RAD 96-1	767,549
14110-570	Reserve fund - RAD 96-1	50,576
14100-561	Redemption fund - Bond 2015A	2,174,358
14100-581	Redemption fund - Bond 2016A	781,479
14100-521	Redemption fund - Bond 2021A	261,656
14100-522	Redemption fund - Bond 2021B	593,416
Total Debt Service Funds		<u>5,713,312</u>
TOTAL FUND BALANCES		<u>97,626,322</u>

Memo

Date: July 17, 2024
To: Olivenhain Municipal Water District Board of Directors
From: Rainy K. Selamat, Finance Manager
Via: Kimberly A. Thorner, General Manager
Subject: **CONSIDER ADOPTION OF A MOTION APPROVING THE DISTRICT'S
CONSOLIDATED STATEMENT OF NET POSITION, CONSOLIDATED
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION,
CONSOLIDATED STATEMENT OF CASH FLOWS, CONSOLIDATED ACTUAL VS
BUDGET SUMMARY, AND CONSTRUCTION IN PROGRESS REPORTS**

The following unaudited monthly financial reports are enclosed for review and approval by the Board of Directors:

- May 2024 Monthly Statement of Net Position Report.
- May 2024 Statement of Revenues, Expenses, and Changes in Net Position Report.
- May 2024 Consolidated Statement of Cash Flows.
- May 2024 Monthly Consolidated Actual VS Budget Summary and explanation of significant variance report.
- May 2024 Construction In Progress Report.

OLIVENHAIN MUNICIPAL WATER DISTRICT
Statement of Net Position (Unaudited)
All Funds
5/31/2024

Assets

Current assets:

Unrestricted assets:

Cash and cash equivalents	\$80,740,504
Accounts receivable - water and sewer, net	8,291,884
Interest Receivable	274,241
Taxes receivable	210,021
Other receivables	207,347
Lease receivable	403,389
Inventories	1,528,376
Prepaid expenses and deposits	816,830
Total unrestricted assets	<u>92,472,592</u>

Restricted assets:

Cash and cash equivalents	13,917,392
Assesments receivable	46,287
Grants receivable	724,066
Total restricted assets	<u>14,687,745</u>
Total current assets	<u>107,160,337</u>

Noncurrent assets:

Capital assets, nondepreciable	51,874,162
Capital assets, depreciable/amortizable, net	<u>324,289,611</u>
Capital assets, net	376,163,773
Prepaid bond insurance	14,009
Lease receivable	<u>9,355,778</u>
Total noncurrent assets	<u>385,533,559</u>
Total assets	<u>492,693,896</u>

Deferred Outflows of Resources

Deferred amount on refunding	(728,707)
Deferred amount from pension	<u>(7,296,286)</u>
Total deferred outflows of resources	<u>(8,024,993)</u>

Liabilities

Current Liabilities

Liabilities payable from unrestricted assets:

Accounts payable	5,959,823
Accrued payroll	479,706
Customer deposits	412,593
Payable related to work in progress	188,061
Compensated absences, current portion	961,315
Current portion of long-term debt:	
Wastewater Revenue Bonds 2021A	211,680
Wastewater Refunding Revenue Bonds 2021B	575,630
Water Revenue Refunding Bonds 2016A	585,000
Water Revenue Refunding Bonds 2015A	1,935,000
Special Assessment Debt with Government Commi...	892,931
Notes Payable	846,161
Subscription Liability	67,952
Total liabilities payable from unrestricted assets	<u>13,115,852</u>

Liabilities payable from restricted assets:

Interest payable	694,813
Total liabilities payable from restricted assets	<u>694,813</u>
Total current liabilities	<u>13,810,665</u>

Noncurrent liabilities

Compensated absences	1,242,006
Net pension liability	16,832,760
Long-term debt, excluding current portion:	
Wastewater Revenue Bonds 2021A	4,377,480
Wastewater Refunding Revenue Bonds 2021B	2,368,430
Water Revenue Refunding Bonds 2016A	12,375,365
Water Revenue Refunding Bonds 2015A	9,258,436
Special Assessment Debt with Government Commi...	2,797,851
Notes Payable	9,083,311
Subscription Liability	47,800
Total noncurrent liabilities	<u>58,383,439</u>

OLIVENHAIN MUNICIPAL WATER DISTRICT
Statement of Net Position (Unaudited)
All Funds
5/31/2024

Total liabilities	<u>72,194,103</u>
Deferred Inflows of Resources	
Deferred amounts on pension	720,171
Deferred amounts on leases	8,953,346
Total deferred inflows of resources	<u>9,673,517</u>
Net Position	
Investment in Capital Assets, net of related debt	332,656,570
Restricted Net Position	12,805,815
Unrestricted Net Position	<u>73,388,884</u>
Total Net Position	<u><u>418,851,269</u></u>

OLIVENHAIN MUNICIPAL WATER DISTRICT
Statement of Revenues, Expenses and Changes in Net Position (Unaudited)
All Funds
For the Eleven Months Ending 5/31/2024

	<u>2024</u>
Operating Revenues:	
Water Sales	\$50,335,815
Sewer Charges	5,445,317
Other Water Operating revenues	<u>1,054,468</u>
Total Operating Revenues	56,835,600
Operating Expenses	
Cost of Purchased Water Sold	27,410,537
Pumping and Water Treatment	4,561,610
Transmission and Distribution	4,426,667
Sewer Collection and Treatment	1,743,095
Elfin Forest Recreation Operations	428,922
Facilities Maintenance	1,162,858
Customer Service	2,166,995
General and Administrative	7,445,390
Depreciation and Amortization	<u>8,758,530</u>
Total Operating Expenses	58,104,603
Operating Income (Loss)	(1,269,004)
Nonoperating Revenues (Expenses)	
Investment income	2,825,192
Property taxes	4,775,172
Capacity charges	577,702
Benefit assessments	1,037,485
Other nonoperating revenues	938,349
Interest expense, net	(1,089,520)
Other nonoperating expenses	<u>(515,410)</u>
Total nonoperating revenues (expenses)	8,548,969
Income before capital contributions	<u>7,279,965</u>
Capital contributions	<u>338,181</u>
Change in net position	7,618,146
Net Position, Beginning of year	<u>411,233,123</u>
Net Position, End of year	<u><u>418,851,269</u></u>

OLIVENHAIN MUNICIPAL WATER DISTRICT
CONSOLIDATED STATEMENT OF CASH FLOWS (UNAUDITED)
AS OF MAY 31, 2024

CASH FLOWS FROM OPERATING ACTIVITIES:

Receipts from water and sewer customers	\$ 57,111,081
Payments for water	(27,383,352)
Payments for services and supplies	(9,397,776)
Payments for employee wages, benefits and related costs	(14,479,264)
Net cash provided by operating activities	<u>5,850,689</u>

CASH FLOWS FROM NONCAPITAL AND RELATED FINANCING ACTIVITIES:

Property taxes and benefit assessments received	<u>5,819,576</u>
Net cash provided by noncapital and related financing activities	<u>5,819,576</u>

CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:

Acquisition and construction of capital assets	(9,868,979)
Proceeds from Grants	1,354,722
Principal paid on long-term debt	(1,603,494)
Interest paid on long-term debt	(550,727)
Capacity charges received	577,702
Other capital financing receipts (expenses)	555,329
Net cash used by capital and related financing activities	<u>(9,535,447)</u>

CASH FLOWS FROM INVESTING ACTIVITIES:

Investment income received	<u>2,888,478</u>
Net cash provided (used) by investing activities	<u>2,888,478</u>

Net increase (decrease) in cash and cash equivalents 5,023,296

Cash and cash equivalents, beginning of year 53,421,745

Cash and cash equivalents, end of period \$ 58,445,041

FINANCIAL STATEMENT PRESENTATION:

Cash and cash equivalents - current assets	47,289,050
Cash and cash equivalents - restricted assets	11,155,991
Total cash and cash equivalents	<u>\$ 58,445,041</u>

CASH AND CASH EQUIVALENTS RECONCILIATION			
		Balance Includes	Without Mkt
		Mkt Securities	Securities
Unrestricted cash	5/31/2024	80,740,504	47,289,050
Restricted cash	5/31/2024	13,917,392	11,155,991
Total cash and cash equivalents			<u>58,445,041</u>

OLIVENHAIN MUNICIPAL WATER DISTRICT
Consolidated Actual vs Budget Summary
For the Eleven Months Ending 5/31/2024

	Approved Budget	Actual YTD	Budget YTD	Variance Amt	Variance %	Notes
Operating Revenues						
Commodity Water Sales	\$45,715,000.00	\$34,872,336.16	\$40,623,500.00	(\$5,751,163.84)	(14.2%)	1
Water Fees and Services	18,651,000.00	16,517,946.60	17,103,350.00	(585,403.40)	(3.4%)	2
Sewer Revenue	5,390,000.00	5,445,316.74	5,385,400.00	59,916.74	1.1%	
Total Operating Revenues	69,756,000.00	56,835,599.50	63,112,250.00	(6,276,650.50)	(9.9%)	
Operating Expenses						
Purchased Water - Variable	24,514,000.00	19,363,126.64	21,921,380.00	2,558,253.36	11.7%	1
Purchased Water - Fixed	8,731,000.00	8,047,410.00	7,988,600.00	(58,810.00)	(0.7%)	
General Manager Dept	2,102,000.00	1,935,948.90	1,927,310.00	(8,638.90)	(0.4%)	3
Engineering Dept	2,497,000.00	2,102,995.73	2,288,330.00	185,334.27	8.1%	3
Finance Dept	1,713,000.00	1,543,362.73	1,569,700.00	26,337.27	1.7%	3
Customer Service Dept	3,104,000.00	2,541,787.92	2,847,086.00	305,298.08	10.7%	3
Human Resources Dept	860,300.00	774,150.33	789,338.00	15,187.67	1.9%	3
Water Operations and Maintenance Dept	12,339,000.00	10,905,488.27	11,332,879.00	427,390.73	3.8%	3
Parks Dept	451,000.00	468,331.60	415,096.00	(53,235.60)	(12.8%)	3
Other Operating Expenses	50,000.00		46,200.00	46,200.00	100.0%	
Sewer Operations and Maintenance Dept	3,256,000.00	2,856,167.84	2,996,213.00	140,045.16	4.7%	3
Recycled Water Operations Dept	1,293,000.00	972,001.17	1,185,360.00	213,358.83	18.0%	3
Paygo Transfers						
Water Operations	5,400,000.00	4,950,000.00	4,950,000.00		0.0%	
Sanitation Operations	1,100,000.00	1,012,000.00	1,012,000.00		0.0%	
Recycled Operations	2,200,000.00	2,013,000.00	2,013,000.00		0.0%	
Capitalized Operations Expenditures	(1,619,000.00)	(1,381,167.72)	(1,487,970.00)	(106,802.28)	7.2%	4
Total Operating Expenses	67,991,300.00	58,104,603.41	61,794,522.00	3,689,918.59	6.0%	
Net Operating Income (Loss)	1,764,700.00	(1,269,003.91)	1,317,728.00	(2,586,731.91)		
Nonoperating Revenues						
Water Funds	6,571,200.00	7,478,658.97	5,406,770.00	2,071,888.97	38.3%	5
Debt Service Funds	1,044,000.00	1,184,637.73	1,031,580.00	153,057.73	14.8%	5
Sewer Funds	29,000.00	193,193.93	26,400.00	166,793.93	631.8%	5
Recycled Water Funds	225,000.00	228,401.46	206,580.00	21,821.46	10.6%	5
Total Nonoperating Revenue	7,869,200.00	9,084,892.09	6,671,330.00	2,413,562.09	36.2%	
Nonoperating Expense						
Capacity Fee Funds	30,000.00	19,758.30	27,280.00	7,521.70	27.6%	
Debt Service Funds	1,400,000.00	1,163,577.32	1,285,350.00	121,772.68	9.5%	6
Potable Water Funds	493,000.00	421,594.08	451,550.00	29,955.92	6.6%	7
Total Nonoperating Expense	1,923,000.00	1,604,929.70	1,764,180.00	159,250.30	9.0%	
Inc before Cap Fees and Capital Contributions	7,710,900.00	6,210,958.48	6,224,878.00	(13,919.52)		
Capacity Fee Funds	798,000.00	1,069,006.66				
Capital contributions	2,429,000.00	338,181.25				
Change in Net Position		7,618,146.39				

OLIVENHAIN MUNICIPAL WATER DISTRICT
Actual vs Budget Variance
For the Eleven Months Ending 5/31/2024

1. Water Sales revenue was lower than Budget YTD by approximately \$5.8 million resulting in an unfavorable variance of 14.2%. The negative variance is primarily due to lower water consumption than budgeted. Consumption has remained lower than expected coming out of a particularly wet season last year which has continued into this current winter with El Niño weather conditions. Consequently, purchased water variable expenses were also lower than the Budget YTD for a favorable variance of \$2.6 million or 11.7%.
2. Water Fees and Services revenue were lower than Budget YTD primarily due the amount of water treatment services provided to Vallecitos Water District (VWD) being lower than anticipated in the budget. Water supply from the District's treatment plant was limited in July and August due to water quality issues from San Diego County Water Authority which reduced the amount of water being supplied to VWD. Additionally, overall demand from VWD has been lower than anticipated in the budget due to wet weather conditions as described in note 1.
3. Actual departmental expenses varied from the Budget YTD amounts due to the timing of actual operating expenses. The Budget YTD amounts assume expenditures are incurred evenly throughout the year. General Manager actual departmental expenses exceed Budget YTD primarily due to legal costs. Parks actual departmental expenses exceed Budget YTD due to an increase in their allocation of support costs from other departments based on the most recent cost allocation plan. Additionally, Parks actual expenses also includes \$25,000 in trail maintenance costs for which the District received grant funding for 100% of the cost.
4. Actual Capitalized Operating Expenses were lower than the Budget YTD amount due to the timing of capitalized labor spent on District projects. The Budget YTD amount assumes expenditures are incurred evenly throughout the year.
5. Actual Non-operating Revenues – Water Funds, Debt Service Funds, Wastewater Funds, and Recycled Water Funds were greater than Budget YTD for a positive variance due to higher interest income earned on investments from increased yields on short-term investments and the timing of property tax revenues received from the County.
6. Actual Non-operating Expenses - Debt Service Funds were lower than the Budget YTD amount for a positive variance because amortization of the issuance premium is not included in the 2015A Bonds interest expense.
7. Actual Non-operating Expenses – Potable Water Funds were lower than the Budget YTD amount for a positive variance due to a lower amount of total credits being issued to customers since actual water sales are less than budgeted through May, as described in note 1 above. Additionally, the Budget YTD amounts assume credits are issued evenly throughout the year.

Construction Work In Progress Report as of 5/31/2024

Project Name	Budget	Appropriation to Date	Expenditures & Encumbrance	(Over) / Under
Replace Neighborhood 1 SPS	\$8,132,000	\$8,132,000	\$8,019,550	\$112,450
San Dieguito Desalination	\$42,837,000	\$6,662,000	\$6,288,947	\$373,053
HOA Pipeline Ext - CB, VP, SH	\$4,145,000	\$4,145,000	\$3,610,894	\$534,106
DCMWTP 4th Stage Centrifuge	\$3,340,000	\$3,340,000	\$3,010,890	\$329,110
RSFe Rd Unit A North PL	\$2,094,000	\$2,094,000	\$1,600,295	\$493,705
District-Wide PLC replacements	\$1,466,000	\$1,466,000	\$1,371,582	\$94,418
District-Wide PLC Repl (WW)	\$1,456,000	\$1,456,000	\$1,341,134	\$114,866
Replace Valves	\$8,856,000	\$1,106,000	\$320,948	\$785,052
Replace Pipelines	\$8,983,000	\$965,000	\$370,717	\$594,283
Village Park PRS	\$960,000	\$960,000	\$305,886	\$654,114
Gardendale PRS	\$960,000	\$960,000	\$313,205	\$646,795
Replace DCMWTP Membranes	\$8,970,000	\$900,000	\$899,749	\$251
Fixed Base AMI	\$2,416,000	\$739,000	\$743,835	(\$4,835) ¹
DCMWTP Condition Assessment	\$690,000	\$690,000	\$688,533	\$1,467
Replace Headworks Manual Sys	\$3,160,000	\$619,000	\$455,370	\$163,630
Gaty II Safety Improvements	\$590,000	\$590,000	\$113,049	\$476,951
Pot & Recycled Master Plan	\$583,000	\$583,000	\$529,355	\$53,645
Units B & K Rehabilitation	\$2,095,000	\$562,000	\$235,080	\$326,920
Hydropower Turbine Refurb	\$850,000	\$450,000	\$413,481	\$36,519
Replace Potable Meters	\$4,921,000	\$415,000	\$383,163	\$31,837
Residuals Handling Bldg Canopy	\$400,500	\$400,500	\$51,453	\$349,047
Steel Mains Protection	\$3,455,000	\$393,000	\$392,116	\$884
Ext. 153 Flow Meter	\$385,000	\$285,000	\$119,592	\$165,408
District-Wide Scada Upgrades	\$256,000	\$256,000	\$242,364	\$13,636
Raw Water Equalizer Tank Rehab	\$250,000	\$250,000	\$3,078	\$246,922
DCMWTP 2nd Stage Memb. Train	\$807,500	\$232,500	\$148,424	\$84,076
Palms I and II Reservoirs	\$1,307,000	\$223,000	\$83,193	\$139,807
EFRR Parking Lot Repair	\$990,000	\$218,000	\$91,751	\$126,249
Replace WW Pumps/ Motors/Equip	\$2,024,000	\$215,000	\$197,433	\$17,567
4SWRF Digester Blower Replmnt	\$200,000	\$200,000	\$207,677	(\$7,677) ²
Collection System SPS Rehab	\$912,000	\$169,000	\$168,916	\$84
Rancho La Cima/Aliso Canyon PL	\$300,000	\$165,000	\$63,359	\$101,641
Replace Meter Anodes	\$1,754,000	\$152,000	\$64,258	\$87,742
Manchester Recyc PL Exten.	\$5,225,000	\$150,000	\$40,738	\$109,262
District-Wide Facility Securit	\$240,000	\$150,000	\$87,016	\$62,984
Golem 14" Pipeln Cond. Assess.	\$150,000	\$150,000	\$17,082	\$132,918
Fleet Electrification Plan	\$150,000	\$150,000	\$140,977	\$9,023
Wanket RW Reservoir Rehab	\$150,000	\$150,000	\$16,016	\$133,984
Encinitas Blvd Insp. & Repair	\$682,000	\$145,000	\$4,770	\$140,230
Chlorine Gen Rm Lining Rehab	\$145,000	\$145,000	\$69,229	\$75,771
Replace Pot. Pumps and Motors	\$1,022,000	\$123,000	\$75,736	\$47,264
Network Security	\$1,175,000	\$115,000	\$10,197	\$104,803
4S WRF Scada Upgrades	\$64,000	\$64,000	\$59,847	\$4,153
Recycled Conversions	\$719,000	\$62,000	\$25,833	\$36,167
Replace PRS Valves	\$602,600	\$52,000	-	\$52,000
CIS System Upgrade	\$305,000	\$38,500	\$2,854	\$35,646
Catalytic Converter Theft Prev	\$38,000	\$38,000	\$12,091	\$25,909
4S Physical Security Upgrades	\$210,000	\$30,000	\$525	\$29,475
4S System Manhole Lining	\$206,000	\$28,000	\$19,550	\$8,450
Physical Security Upgrades	\$250,000	\$25,000	\$6,021	\$18,979
Replace Overflow Pond Strainer	\$231,000	\$25,000	\$13,999	\$11,001
Meter Replacement, Recycled	\$241,000	\$18,000	\$16,909	\$1,091
Automotive Equipment Purchases (Small Cap)	\$581,000	\$581,000	\$531,581	\$49,419
Shop & Field Equipment Purchases (Small Cap)	\$46,000	\$46,000	\$45,076	\$924
Computer Hardware/Software Purchases (Small Cap)	\$87,500	\$87,500	\$39,041	\$48,459
Office Furniture/Equipment Purchases (Small Cap)	\$49,000	\$49,000	\$38,250	\$10,750
Total:	\$133,114,100	\$42,415,000	\$34,122,611	\$8,292,389

1. AMI conversions are almost complete for Fiscal Year 2024. Staff anticipates approximately \$1k in additional expenses in June 2024 to complete the work. Phase 9 of the AMI conversions budgeted for Fiscal Year 2024 was completed well ahead of schedule and approximately \$167k under budget. In February 2024, the General Manager approved an additional \$60k in appropriations for Fiscal Year 2024 to complete Phase 10 originally scheduled for Fiscal Year 2025. With the increased appropriation and the assistance of a dedicated temporary employee, staff was able to convert an additional 767 meters to AMI reading technology in Fiscal Year 2024. Project overage is within Manager approval limit.

2. Project is complete. The District filed an insurance claim for the digester blower fire and received \$116,156.27 in compensation from its insurance carrier. Project overage is due to \$4,200 in shipping costs not included in the quote and more staff time than anticipated to complete the work.

Memo

Date: July 17, 2024
To: Olivenhain Municipal Water District Board of Directors
From: Teresa L. Chase, Administrative Analyst
Via: Kimberly A. Thorner, General Manager
Subject: **CONSIDER 2024 ANNUAL OBJECTIVES AND TIGER TEAM STATUS REPORT**

Purpose

The purpose of this agenda item is to provide the board with a status update on the 2024 annual objectives and stretch objectives for the period beginning January 1, 2024, as well as an update on the Tiger Team program.

Recommendation

This is an informational item; no action is required.

Alternative(s)

Not applicable; informational item only.

Background

At the February 21 board meeting, 70 annual objectives and eight stretch objectives were approved for calendar year 2024. This is the second full status update presented to the board.

Fiscal Impact

There are no costs associated with this item.

Discussion

This report is presented to the Board of Directors to provide updates on staff's progress toward completion of the 2024 annual objectives and stretch objectives. The report also includes a status update on the Tiger Team program, which tracks funds saved or generated through grant funding, cost savings, and alternative revenue generation.

Two annual objectives have been postponed since the April report. Staff anticipates that both objectives will be included in the 2025 annual objectives presented to the board in January.

- **31. Conduct review of staff turnover in fall as negotiated in the MOU to evaluate if moving to the 65th percentile in compensation has reduced employee turnover; present to Personnel Committee then to board**

Per board action/discussion at its April 17 meeting, annual objective 31 was postponed until next year so that sufficient data for evaluation could be obtained. Staff anticipates a presentation to the full board in July 2025.

- **65. Work with San Diego Local Agency Formation Commission (SD LAFCO) on the preparation of municipal service reviews (MSR) for the Encinitas and Carlsbad areas; in conjunction with MSR completion, perform analysis of organizational efficiencies between OMWD and Leucadia Wastewater District, and provide report to board**

Staff provided an update at the May 15 board meeting that OMWD has been removed from the Encinitas MSR, and that SD LAFCO has delayed the Carlsbad MSR until next year.

The next status update will be provided at the October 16, 2024 board meeting. The objectives featured herein are to be completed by December 31, 2024.

Attachments: Annual Objectives PowerPoint

2024 Annual Objectives

July 17, 2024

Board of Directors Meeting



2024 Annual Objectives

- A total of 70 objectives and eight stretch objectives were adopted for calendar year 2024

1. Providing safe, reliable, high-quality drinking water to each customer in a cost-effective manner.

Objective

1. Commence construction on the Unit A North Rancho Santa Fe Road Potable Water Pipeline Replacement Project pursuant to the recently completed condition assessment
2. Commence construction of two pressure reducing station replacements to minimize water loss and control replacement of aging infrastructure
3. Complete Train 5 membrane replacement at David C. McCollom Water Treatment Plant (DCMWTP)

Progress Toward Completion

1. 100% - Notice to Proceed issued to contractor on February 7
2. 50% - Staff issued Request for Bids in May
3. 100% - Replacement complete; Train 5 back online as of June 4

1. Providing safe, reliable, high-quality drinking water to each customer in a cost-effective manner.

Objective	Progress Toward Completion
4. Commence construction of Stage 4 upgrades, including second centrifuge, at DCMWTP	4. 100% - Notice to Proceed issued to contractor on February 5
5. Complete Phase 1A of systemwide programmable logic controller upgrades	5. 40% - Field installation scheduled for July through September
6. Complete Customer Side Lead Service Line Inventory and report results to State Water Resources Control Board's (SWRCB) Division of Drinking Water (DDW)	6. 75% - Completed physical inventory; formatting data to DDW standards; will submit to regulators after quality control process

1. Providing safe, reliable, high-quality drinking water to each customer in a cost-effective manner.

Objective

7. Enhance experience of in-house staff by completing the replacement of 25 valves in support of the Valve Replacement Project.
8. Outside of bird breeding season, complete maintenance of five impacted easements

Progress Toward Completion

7. 60% - Fifteen valves have been replaced by in-house staff; five valves have been marked out for replacement in July
8. 60% - Completed maintenance of three impacted easements; will resume after bird nesting season

1. Providing safe, reliable, high-quality drinking water to each customer in a cost-effective manner.

Objective

Progress Toward Completion

Stretch

Complete replacement of five additional valves beyond Objective 7

0% - Staff will review after achievement of Objective 7

Complete maintenance of three additional impacted easements beyond Objective 8

0% - Staff will review after achievement of Objective 8

2. Providing wastewater collection and treatment services in an environmentally responsible manner, and producing and supplying high-quality recycled water to irrigation customers in support of regional water conservation efforts.

Objective	Progress Toward Completion
9. Complete construction at two of three sites for the Calle Barcelona, Village Park, and Summerhill recycled water pipelines	9. 35% - Construction underway on Village Park site
10. Complete construction on the Neighborhood 1 Sewer Pump Station Replacement Project	10. 85% - Construction continues
11. Make three new connections to the recycled water distribution system; provide to the board a comprehensive presentation on OMWD's recycled water program, including current project status, grant funding, and plans for system expansion	11. 75% - Added three new connections in Encinitas (Medical Offices on El Camino Real, Belmont Village, and Grauer School)

2. Providing wastewater collection and treatment services in an environmentally responsible manner, and producing and supplying high-quality recycled water to irrigation customers in support of regional water conservation efforts.

Objective

12. Procure and install flow monitoring equipment in Rancho Cielo collection system to assist in inflow and infiltration detection
13. Complete design of headworks rehabilitation at 4S Ranch Water Reclamation Facility (4S WRF)
14. Complete district-wide supervisory control and data acquisition (SCADA) upgrades for distribution system and 4S WRF

Progress Toward Completion

12. 100% - Staff evaluated several options for Rancho Cielo flow monitoring and determined that the most cost-effective option was to utilize existing SmartCover equipment by repositioning it to targeted areas; installation of SmartCover equipment in Rancho Cielo was completed in June
13. 85% - Final design nearly complete
14. 50% - Completed 4S WRF upgrades; distribution system to be completed by November

2. Providing wastewater collection and treatment services in an environmentally responsible manner, and producing and supplying high-quality recycled water to irrigation customers in support of regional water conservation efforts.

Objective

Progress Toward Completion

Stretch

Complete two additional meter connections to the recycled water distribution beyond Objective 11

25% - Several sites are in various stages of connection to OMWD's recycled water system

3. Operating Elfin Forest Recreational Reserve in the most cost-effective, safe, environmentally responsive, and service-oriented manner.

Objective	Progress Toward Completion
15. Provide update to Elfin Forest Recreational Reserve Executive Committee on status of the EFRR overflow parking lot expansion project, including design, environmental process, and grant funding	15. 50% - Environmental process underway; design to commence once environmental work is complete; on track for presenting to EFRR Executive Committee in late summer
16. Revisit with EFRR Executive Committee the 2023 Nossaman memorandum on accessibility at EFRR; present results to full board	16. 50% - Nossaman accessibility memo slated for EFRR Executive Committee's late summer meeting agenda

3. Operating Elfin Forest Recreational Reserve in the most cost-effective, safe, environmentally responsive, and service-oriented manner.

Objective	Progress Toward Completion
17. Continue education program for elementary schools in partnership with the Escondido Creek Conservancy, providing at least 2,000 students with in-person field trips to EFRR	17. 41% - 812 students have attended in-person field trips to EFRR
18. Utilize volunteer groups such as San Diego Mountain Biking Association and EFRR trail patrol for two trail maintenance/repair projects	18. 100% - Volunteer cleanup events were held at EFRR on February 15 and April 21
19. Participate in I Love a Clean San Diego Creek to Bay Cleanup event	19. 100% - Creek to Bay Cleanup took place at EFRR on April 20 with 33 participants

3. Operating Elfin Forest Recreational Reserve in the most cost-effective, safe, environmentally responsive, and service-oriented manner.

Objective	Progress Toward Completion
20. Launch 18th annual photo contest	20. 20% - On track to launch 18th annual photo contest on November 23
21. Submit grant proposal to fund trail rehabilitation	21. 20% - Grant and project have been identified; plan to submit application in July
22. Utilize past Gold Spotted Oak Borer monitoring data to identify and treat problem areas, focusing on "high value" trees for treatment (e.g., 12"+ diameter, in aesthetically valuable area, etc.); target treatment of at least 150 trees	22. 100% - Over 200 trees were treated for GSOB on May 14

3. Operating Elfin Forest Recreational Reserve in the most cost-effective, safe, environmentally responsive, and service-oriented manner.

Objective	Progress Toward Completion
23. Host water conservation workshop at Elfin Forest Interpretive Center Honoring Susan J. Varty	23. 20% - Sustainable landscape and wildfire safety workshop scheduled for August 15
24. Demonstrate appreciation to EFRR volunteers by providing two educational field trips	24. 50% - Hosted one field trip to Pechanga's Great Oak Tree on January 11; second field trip to 4S WRF and DCMWTP will occur in fall/winter
25. Commemorate 15th anniversary of Elfin Forest Interpretive Center Honoring Susan J. Varty	25. 100% - 15th anniversary celebrated at May 11 volunteer appreciation BBQ; commemorative pens available at interpretive center

3. Operating Elfin Forest Recreational Reserve in the most cost-effective, safe, environmentally responsive, and service-oriented manner.

Objective

Progress Toward Completion

Stretch

Utilize volunteer groups for two additional maintenance or cleanup events at EFRR

0% - Additional volunteer events will be scheduled for fall/winter

4. Pursuing alternative and renewable energy sources as a means of offsetting costs and energy charges, providing sustainability.

Objective	Progress Toward Completion
26. Develop strategy to address new California Air Resources Board zero-emission vehicle requirements, including timeline, compliance, phasing, budgets, financing options, and exemption request; provide report to Facilities Committee	26. 25% - Issued RFP and selected Terra Verde as consultant; held kickoff meeting and submitted fleet information to Terra Verde in May; strategy development underway and on track to present to Facilities Committee by November
27. Continue partnerships with energy providers and third-party consultants to optimize energy costs, including amending agreement with 3 Phases Renewables to extend term of service	27. 50% - Ongoing; Utility Cost Management services continue; negotiating renewal terms with 3 Phases Renewables

5. Providing a safe, healthful, and rewarding work environment which encourages communication as well as values employee participation and personal achievement.

Objective	Progress Toward Completion
28. Complete the comprehensive salary survey in spring as negotiated in OMWD's Memorandum of Understanding (MOU); present to Personnel Committee then to board	28. 100% - Completed salary survey; presented to Personnel Committee on March 18; presented to full board on April 17
29. Prepare the five-year staffing analysis succession planning document; present to Personnel Committee then to board	29. 100% - Completed staffing analysis; presented to Personnel Committee on March 18; presented to full board on April 17
30. Conduct training on effective workplace verbal communication skills for all employees	30. 100% - Conducted effective communication skills training in April

5. Providing a safe, healthful, and rewarding work environment which encourages communication as well as values employee participation and personal achievement.

Objective

Progress Toward Completion

31. Conduct review of staff turnover in fall as negotiated in the MOU to evaluate if moving to the 65th percentile in compensation has reduced employee turnover; present to Personnel Committee then to board

31. Postponed - Per board action at its April 17 meeting, objective 31 was postponed until next year in order to have sufficient data for evaluation; anticipate presenting to full board in July 2025

32. Implement a new online employment application system on OMWD website to improve data security

32. 100% - Online employment application system on OMWD website now hosted through [NEOGOV/GovernmentJobs.com](https://neogov.com/GovernmentJobs.com)

33. Enhance employee health and wellness by hosting a voluntary wellness challenge for staff

33. 20% - Planning underway; anticipate conducting wellness challenge by fall

5. Providing a safe, healthful, and rewarding work environment which encourages communication as well as values employee participation and personal achievement.

Objective

- 34. Prepare a SWRCB DDW request for treatment operator staff to receive partial distribution credit towards advanced certification
- 35. Upon adoption of SWRCB water use efficiency regulations, perform analysis and report to Customer Outreach and Conservation Committee

Progress Toward Completion

- 34. 75% - Staff completed modifications to job descriptions, allowing for credit towards SWRCB distribution certifications; preparing DDW request
- 35. 0% - SWRCB targeting July to adopt regulations; staff participating in the development of regulations

6. Exceeding all federal, state, and local regulatory requirements for providing potable water, wastewater treatment, and recycled water.

Objective

Progress Toward Completion

36. Commence United States Environmental Protection Agency Unregulated Contaminant Monitoring Rule 5 sampling and approve certified lab results

36. 50% - UCMR 5 sampling commenced on March 6; completed two of the four quarterly sampling events; remaining two to be completed before the end of the year

37. Continue interdepartmental Stormwater Pollution Prevention Plan committee to provide greater oversight for stormwater issues at headquarters; conduct four quarterly meetings

37. 50% - Ongoing; Stormwater Pollution Prevention Plan committee has held two quarterly meetings

7. Minimizing all of OMWD's operational costs while maintaining a high level of customer service.

Objective

38. Continue to pursue local, state, federal, and private grant funding to offset costs

Progress Toward Completion

38. 50% - Submitted applications for \$6.1 million USBR Title XVI funding for North San Diego Water Reuse Coalition 2020 project, \$14.57 million to Representative Peters' office for Water Resources Development Act funding for OMWD's Building Reliable and Climate Resilient Infrastructure for Tomorrow Project, ~\$5 million to Representative Peters' office for FY 25 Community Project Funding for DCMWTP membrane and beam replacements, \$14.57 million to Senator Padilla's office for FY 25 Community Project Funding for

(continued on slide 22)

7. Minimizing all of OMWD's operational costs while maintaining a high level of customer service.

Objective

38. Continue to pursue local, state, federal, and private grant funding to offset costs

Progress Toward Completion

(continued from slide 21)

38. OMWD's Building Reliable and Climate Resilient Infrastructure for Tomorrow Project, \$225,000 to Representative Peters' office for FY 25 Community Project Funding for OMWD's Fleet Electrification Project, \$2,000 to ACWA JPIA for wellness grant funding for OMWD's Safety and Wellness Program, and \$32,260 to California State Parks for Arts in California Parks grant for EFRR

7. Minimizing all of OMWD's operational costs while maintaining a high level of customer service.

Objective	Progress Toward Completion
39. Develop and implement process to increase customer communication by email, including sending new customer welcome letters electronically, reducing printing and postage costs	39. 100% - New customer welcome letters are now sent electronically; disconnection notices are also being sent via email in addition to regular notification methods
40. Increase customer use of online billing services, targeting 500 accounts newly enrolled in online payments	40. 100% - As of May 31, over 1,200 accounts have newly enrolled in autopay

7. Minimizing all of OMWD's operational costs while maintaining a high level of customer service.

Objective	Progress Toward Completion
41. Complete Phase 9 of the Advanced Metering Infrastructure Expansion Project, upgrading over 1,800 meters to AMI technology	41. 100% - Completed Phase 9 in February, upgrading 1,857 meters; staff also upgraded an additional 788 meters originally scheduled for Phase 10
42. If grant funding is available, partner with Asterra on satellite leak detection program and present cost-benefit analysis to Facilities Committee	42. 100% - Received information from MWD; no grant funding will be made available this fiscal year

7. Minimizing all of OMWD's operational costs while maintaining a high level of customer service.

Objective

Progress Toward Completion

Stretch

Achieve one or more new grant awards

100% - Notice of award received for \$3,000 in funding from Metropolitan Water District's Community Partnering Program to pay for a mobile watershed science lab at the May 7 Ecoliteracy Showcase Event; received \$1,375 from Resource Conservation District of Greater San Diego County's Goldspotted Oak Borer Treatment pilot program

Add 500 new subscribers to the MyWaterUse by AquaHawk digital dashboard

100% - As of May 31, 573 additional customers have enrolled in the MyWaterUse dashboard; over 7,500 accounts are currently enrolled

8. Maintaining open communication and participation with the public through active conservation and educational programs as well as continually seeking customer input for informed decision-making.

Objective	Progress Toward Completion
43. Commemorate OMWD's 65th anniversary	43. 100% - Letterhead features anniversary logo; commemorative event held April 24; featured in CSDA San Diego Chapter's newsletter
44. Install informational signage at David C. McCollom Water Treatment Plant to improve guest experience	44. 80% - Installation of new signage planned for July

8. Maintaining open communication and participation with the public through active conservation and educational programs as well as continually seeking customer input for informed decision-making.

Objective	Progress Toward Completion
45. Partner with local businesses, vendors, and community organizations on a public service announcement and/or event about water use efficiency	45. 50% - Ongoing; partnered with SDWD, SFID, and Solana Center on rain barrel distribution event; partnered with SDWD and SFID on landscape design workshop; partnered with EUSD, BCK Programs, and the Escondido Creek Conservancy on Ecoliteracy Showcase; partnering with Rancho Santa Fe Fire Protection District and Ecology Artisans on August 15 landscape workshop
46. Continue to develop messaging to protect customers' interests and ensure customer awareness of SWRCB water use efficiency regulations and new legislative requirements	46. 50% - May e-newsletter and June newsletter accompanying billing statements discussed SWRCB development of regulations that limit water use, highlighting OMWD's comments to SWRCB

8. Maintaining open communication and participation with the public through active conservation and educational programs as well as continually seeking customer input for informed decision-making.

Objective	Progress Toward Completion
47. Achieve Special District Leadership Foundation's Transparency Certificate of Excellence and District of Distinction re-accreditation	47. 100% - OMWD District of Distinction accreditation valid through Sept 2025
Stretch Win award from California Special Districts Association, Association of California Water Agencies, California Water Environment Association, or other industry group	100% - Won American Public Works Association's San Diego and Imperial County Chapter's Project of the Year Honor Award for Manchester Avenue Recycled Water Pipeline Project; won 2024 CSDA Exceptional Public Outreach & Advocacy Award for "Engage and Influence" legislative outreach program

9. Ensuring that financial plans, policies, and practices maintain the ability of OMWD to construct, operate, and maintain all approved facilities including replacement funds for future needs.

Objective	Progress Toward Completion
48. Complete update of wastewater cost of service study	48. 100% - Held public hearing on proposed wastewater rates and charges on May 15 with no protest received; at its June 19 meeting, the board adopted wastewater rates and charges to be effective July 1, 2024
49. Complete potable and recycled water cost of service study, including review of the Rate Reimbursement Credit Program	49. 80% - Updates to OMWD's water rate and financial plan model nearly complete; the first water rate board workshop will be held in July

9. Ensuring that financial plans, policies, and practices maintain the ability of OMWD to construct, operate, and maintain all approved facilities including replacement funds for future needs.

Objective	Progress Toward Completion
50. Complete public notice of increases in wastewater rates and charges per Proposition 218	50. 100% - Public hearing was held on May 15 with no comments received at the hearing
51. Complete public notice of increases in potable water and recycled water rates and charges per Proposition 218	51. 10% - Staff is drafting public notice of increases in water rates and charges for mailing by September 1; public hearing planned for October
52. Complete annual review of water-related service charges	52. 50% - Board will consider proposed changes to certain Article 8 and Article 9 water-related services today; any proposed changes to remaining water-related service charges will be presented at the September 18 board meeting

9. Ensuring that financial plans, policies, and practices maintain the ability of OMWD to construct, operate, and maintain all approved facilities including replacement funds for future needs.

Objective

Progress Toward Completion

53. Implement second phase of water capacity fee increases

53. 10% - Under review; in July, notification will be sent to Building Industry Association informing them of the upcoming rate hearing and capacity fee increases; public hearing to be held in August

54. Complete Biennial Operating and Capital Budget for fiscal years 2025 and 2026

54. 100% - Recommended budget for fiscal years 2025 and 2026 was adopted by the board at its June 19 meeting

9. Ensuring that financial plans, policies, and practices maintain the ability of OMWD to construct, operate, and maintain all approved facilities including replacement funds for future needs.

Objective

Progress Toward Completion

55. Continue to explore potential expense reduction options as part of the annual budget process

55. 100% - Completed as part of the budget process; presented to full board for consideration and acceptance at its April budget workshop

56. Complete Annual Comprehensive Financial Report and single audit report for fiscal year 2024

56. 15% - Interim audit completed by the end of June; draft ACFR and single audit report will be completed in November for presentation to Finance Committee

9. Ensuring that financial plans, policies, and practices maintain the ability of OMWD to construct, operate, and maintain all approved facilities including replacement funds for future needs.

Objective

57. As part of the budget process for 2024, address and mitigate any extraordinary CY 2025 wholesale rate increases above those contemplated in prior financial planning, including potential expense reduction options relative to San Diego County Water Authority's (SDCWA) CY 2025 rate

Progress Toward Completion

57. 95% - Cost-cutting measures and expense reduction options—including a 2.6% reduction in FY 2025 O&M expenses from the original proposed budget, a reprioritization of non-critical CIPs, a delay in hiring and position freezes, and a delay in capital spending on several large CIPs such as San Dieguito Valley Groundwater Project and less critical pipeline replacements—were presented to Finance Committee and full board at its April budget workshop

9. Ensuring that financial plans, policies, and practices maintain the ability of OMWD to construct, operate, and maintain all approved facilities including replacement funds for future needs.

Objective

Stretch

Assess feasibility for Pinnacles Community Facilities District financing with California Statewide Communities Development Authority and Pinnacles developer; review with Finance Committee

Progress Toward Completion

15% - Completed review of project costs and tax computation provided by Pinnacles developer for Pinnacles CFD formation process; awaiting update from the developer

10. Planning and constructing the Master Plan of Facilities to meet the long-term water storage, treatment, transmission, and distribution needs of OMWD.

Objective	Progress Toward Completion
58. Update the 10-year Capital Improvement Plan	58. 100% - Approved by the board at its June 19 meeting
59. Complete Potable Water and Recycled Water Master Plan update	59. 75% - Staff reviewing analyses from calibrated hydraulic models and incorporating results into master plan update
60. Complete update to Wastewater Master Plan	60. 100% - Approved by the board at its April 17 meeting
61. Incorporate 2023 condition assessment results for DCMWTP, 4S WRF, wastewater system, and pipeline replacement into 2024 budget process, cost of service update, and Proposition 218 notices per the recommendation of the Facilities Committee	61. 75% - Condition assessment results were incorporated into FY 25 and 26 budget adopted by the board at its June 19 meeting; condition assessment results for water to be included in the 2024 water cost of service update

11. Establishing programs and policies to develop alternative water supplies to serve existing and future customers.

Objective

62. Continue to advance San Dieguito Valley Groundwater Project, including conducting additional hydrogeologic studies, conducting independent risk evaluation workshop, updating/refining economic analysis, and developing a water rate impact strategy; present progress reports, including project schedule and decision points, to board at least twice during the calendar year

Progress Toward Completion

62. 50% - Ongoing; project schedule decelerated with new schedule included in 10-year CIP approved by board at its June 19 meeting; staff continues to evaluate additional hydrogeologic investigation opportunities as well as federal grant funding; update on these efforts expected in fall

12. Cultivating supportive and positive relationships with the federal, state, and local agencies which may impact OMWD's operations.

Objective

63. Engage and influence SWRCB regulations and water use efficiency legislation utilizing OMWD's advocate in Sacramento

Progress Toward Completion

63. 50% - OMWD and Nossaman staff participated in SWRCB's March 20 workshop on changes to the proposed WUE regulations, and recommendations on the outdoor water use formula and a variance for recycled water with high TDS were included in revised draft regulations; OMWD submitted a comment letter on the revised draft regulations on May 29, and was a signatory on a multi-agency comment letter sent June 4; Nossaman staff met with SWRCB Chair Joaquin Esquivel on May 16, and with SWRCB board members on May 28, June 3, and July 1; submitted comment letter on SWRCB June 18 WUE workshop

12. Cultivating supportive and positive relationships with the federal, state, and local agencies which may impact OMWD's operations.

Objective	Progress Toward Completion
64. Coordinate with County of San Diego on board filings for the 2024 election	64. 50% - Initial paperwork submitted to County of San Diego for board vacancies
65. Work with San Diego Local Agency Formation Commission (SD LAFCO) on the preparation of municipal service reviews (MSR) for the Encinitas and Carlsbad areas; in conjunction with MSR completion, perform analysis of organizational efficiencies between OMWD and Leucadia Wastewater District, and provide report to board	65. Postponed - Provided update at May 15 board meeting that OMWD has been removed from the Encinitas MSR, and that SD LAFCO has delayed the Carlsbad MSR until next year; will add as an objective again in 2025

12. Cultivating supportive and positive relationships with the federal, state, and local agencies which may impact OMWD's operations.

Objective

66. Actively participate and advocate for OMWD interests on SD LAFCO key initiative areas for 2024, including but not limited to development of the “out of agency service agreements policy” and the MSRs of wholesale water providers in San Diego County; make presentation to board

Progress Toward Completion

66. 50% - Provided update at May 15 board meeting that SD LAFCO's “out of agency service agreements policy” was approved, and included several automatic exemptions advocated for by OMWD's General Manager; General Manager continues to serve on the wholesale water MSR Stakeholder Working Group and anticipates meeting three more times in 2024; will report back to the board on MSR progress

12. Cultivating supportive and positive relationships with the federal, state, and local agencies which may impact OMWD's operations.

Objective	Progress Toward Completion
67. Work with SDCWA to advance OMWD's legislative proposal to amend Public Contract Code to raise the limit for public works bidding requirements to match other public agencies throughout California	67. 35% - Efforts continue to work with SDCWA and OMWD's own advocacy team to increase the Public Contract Code limit statewide for municipal water districts to match other agency limits
68. Continue work and active advocacy with Water for All statewide coalition (formerly Solve the Water Crisis) to advance Senate Bill 366 through the legislature, which sets specific targets for new water supply development and adequate funding for these projects; make presentation to board	68. 40% - A summit of general managers from water agencies across the state will be held in October; coalition continues floor alerts for SB 366 and continues to move the bill through the Assembly; OMWD met with several local legislators on SB 366 who supported the advancement of the bill out of committee

12. Cultivating supportive and positive relationships with the federal, state, and local agencies which may impact OMWD's operations.

Objective	Progress Toward Completion
69. Continue efforts with SDCWA on the development, implementation, and phase-in of a new equitable fixed rate component to SDCWA rates via the Member Agency Workgroup, the Financial Strategy Workgroup, and OMWD's SDCWA board representative	69. 50% - A review of rate structure and the need to shift revenue recovery to fixed costs, as well as a review of take-or-pay contracts and potential alternative uses, are being studied as part of SDCWA's Municipal Service Review; however, SDCWA is currently focusing on near-term rates and not long-term planning
70. Work with legislators and member agencies to pursue equitable voting structure at SDCWA	70. 20% - Efforts on hold with legislators as MSR process continues, and at SDCWA subcommittee

Tiger Team Report

Fiscal Year 2024



Grants and Alternative Funding Under Pursuit

- \$959,752–FY 24 Community Project Funding through US Environmental Protection Agency for San Dieguito Groundwater Project
- \$759,131–WaterSMART: Title XVI Water Reclamation and Reuse Projects funding for OMWD’s portion of \$6,100,000 for Regional Recycled Water Program: 2020 Project
- \$14,570,000*–2024 Water Resources Development Act: Energy and Water Development Appropriations funding for Unit B and Unit K pipeline rehabilitation, headworks screening system improvements, and membrane and beam replacements
- \$14,570,000*–FY 25 Community Project Funding through Senator Padilla’s office for Unit B and Unit K pipeline rehabilitation, headworks screening system improvements, and membrane and beam replacements
- ~\$5,000,000*–FY 25 Community Project Funding through Representative Peters' office for DCMWTP membrane and beam replacements
- \$225,000–FY 25 Community Project Funding through Representative Peters' office for Vehicle Fleet Electrification Feasibility Study and Conceptual Plan
- \$2,000–ACWA JPIA wellness grant for OMWD’s Safety and Wellness Program
- \$32,260–California State Parks for Arts in California Parks grant for EFRR

Total Under Pursuit

\$16,548,143 (*requesting from multiple funding sources for same projects)



Tiger Team Report

Grants and Alternative Funding

- \$1,375 to Resource Conservation District of Greater San Diego County for Goldspotted Oak Borer Treatment Assistance pilot program funding

Total Awarded
\$1,375

Cost Savings

- None this quarter

Total Cost Savings
\$0



Tiger Team Report

Alternative Revenue

**OLIVENHAIN MUNICIPAL WATER DISTRICT
SCHEDULE OF OTHER BUSINESS (NON-WATER RELATED) REVENUES
FOR THE THREE MONTHS ENDED MARCH 31, 2023 (UNAUDITED)**

	ACTUAL	SIX MONTH BUDGET
REVENUES:		
CELL SITE LEASES + RENTAL	171,089	203,750
MISCELLANEOUS INCOME	7,895	
ROGER MILLER HYDROELECTRIC REVENUES	15,874	25,000
CB&T VISA CASH INCENTIVE*	4,977	N/A
ESTIMATED DCMWTP ENERGY OFFSETS**	106,503	N/A
	<u>306,337</u>	<u>228,750</u>
 TOTAL REVENUE FOR THE THREE MONTHS ENDED MARCH 31, 2023	 <u><u>306,337</u></u>	

Notes:

*This amount is neither recorded nor budgeted until fully realized.

** This is an unrealized revenue. This amount is calculated for internal reporting only.

Total alternative revenue in third quarter of FY 2024: \$306,337



Tiger Team Report

Summary

Total FY 2024 grant and alternative funding, alternative revenue, and cost savings (less third quarter alternative revenue): \$307,712

Total grant funding and potential alternative funding sources under pursuit: \$16,548,143

Since Inception of the Program (2005)

Total grant funding and cost savings to date: \$49,789,009

Total alternative revenue generated to date: \$19,355,205

Memo

Date: July 17, 2024

To: Olivenhain Municipal Water District Board of Directors

From: Paul Martinez, Engineering Technician I

Via: Kimberly A. Thorner, General Manager

Subject: **CONSIDER ACCEPTANCE OF THE 777 NORTH EL CAMINO REAL FIRE DETECTOR CHECK AND WATER SERVICE INSTALLATION PROJECT (HANNAHGRAHAM II, LLC) INTO OMWD'S SYSTEM AND ORDER A NOTICE OF COMPLETION FILED**

Purpose

The purpose of this agenda item is to consider acceptance of the transfer of the facilities for the 777 North El Camino Real Fire Detector Check and Water Service Installation Project (Project) constructed by Hannahgraham II, LLC (Developer) into OMWD's system and authorize the filing of a Notice of Completion with the San Diego County Recorder.

Recommendation

Staff recommends acceptance of the potable water facilities into OMWD's system.

Alternative(s)

None; the Project is complete, and facilities were constructed according to the approved plans and OMWD's Standard Specifications and Drawings per the Development Construction Agreement.

Background

The Project is located on N. El Camino Real, north of Garden View Road in Director Division 2 (Director Watt).

OMWD entered into an agreement with the Developer in December of 2019 to construct the facilities and dedicate said facilities to OMWD. The facilities are now complete and have been built in accordance with the approved plans and OMWD Standard Specifications and Drawings. The warranty period will terminate one (1) year following the acceptance of the facilities by OMWD's Board.

Fiscal Impact

There is no fiscal impact to accepting the facilities into OMWD's system. The new assets will be reported to Finance for capitalization.

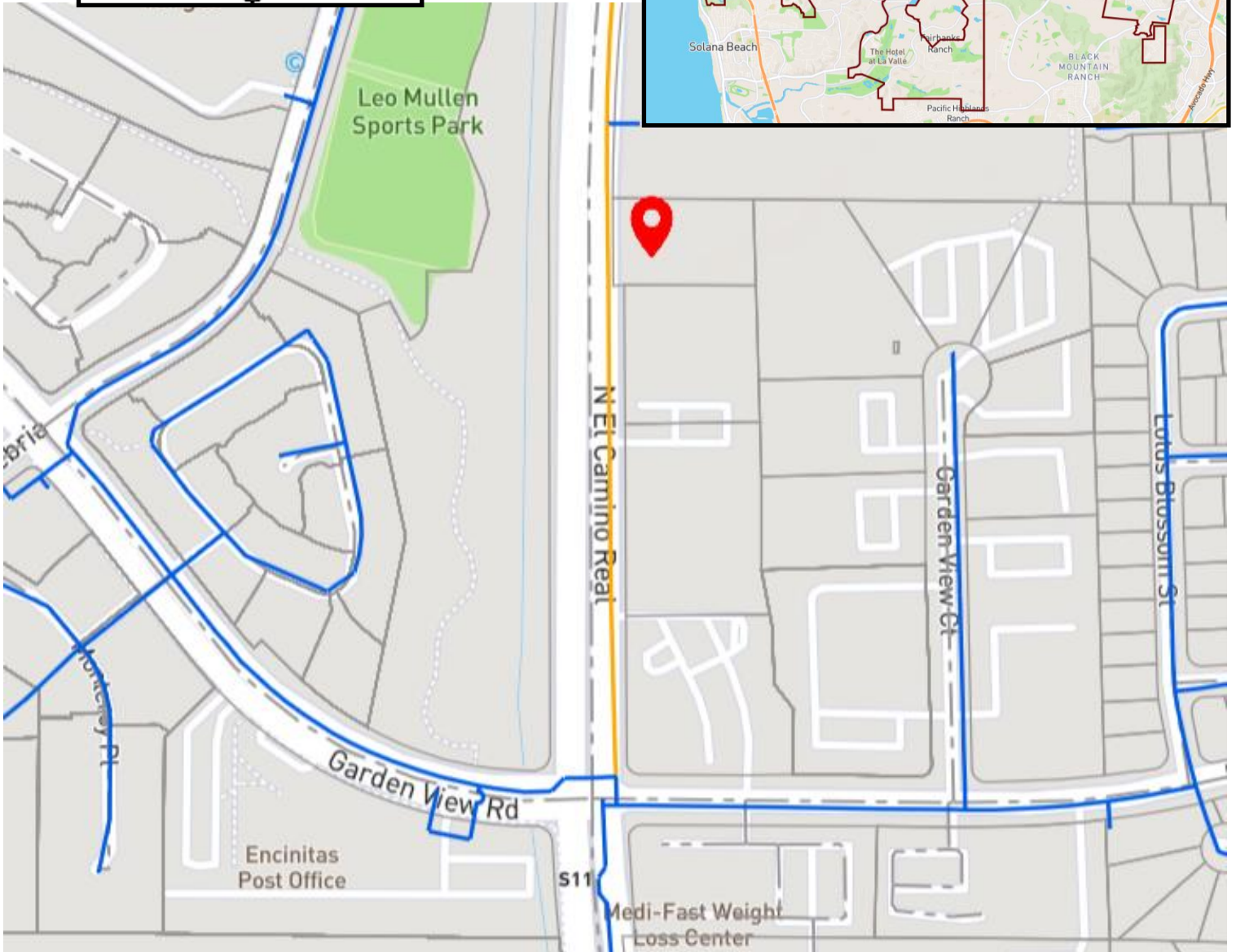
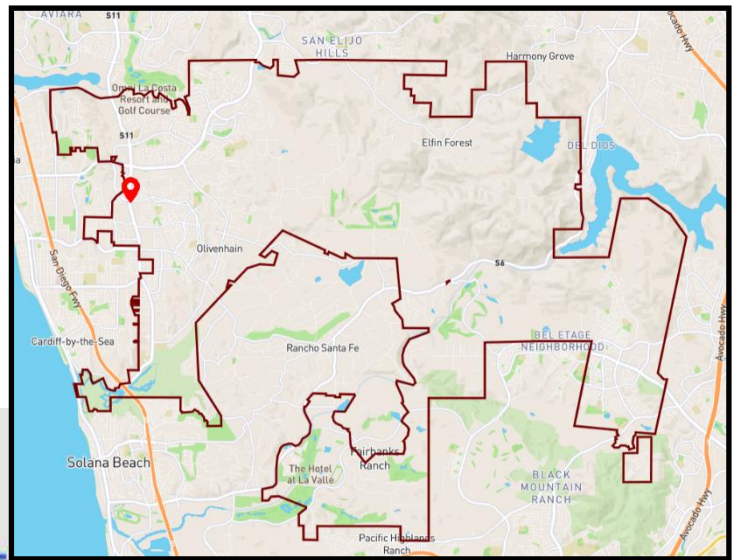
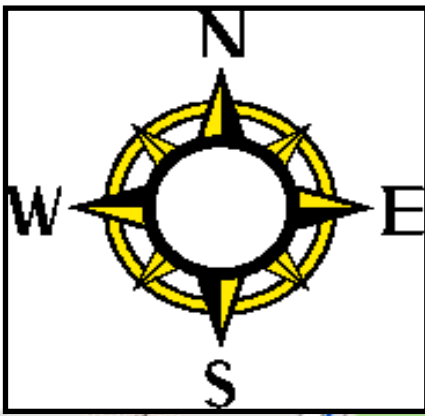
Discussion

Staff is available to answer questions.

Attachments:

Location Map

Notice of Completion



LOCATION MAP

**777 N EL CAMINO REAL FDC & WS INSTALLATION PROJECTION
DISTRICT PROJECT NO. W590249**

**RECORDING REQUESTED BY &
WHEN RECORDED RETURN TO:**

Olivenhain Municipal Water District
1966 Olivenhain Road
Encinitas, California, 92024-5699

(This space for recorder's use)

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the facilities shown on improvement plans for Parcel 257-040-16-00 located in the City of Encinitas, State of California for which HANNAHGRAHAM II, LLC, ("Developer") contracted with the OLIVENHAIN MUNICIPAL WATER DISTRICT ("Owner," in fee, of the facilities), headquartered at 1966 Olivenhain Road, Encinitas, CA 92024, have been completed in accordance with the approved plans and standard specifications and drawings as of June 18th, 2024. The facilities have been accepted by the Board of Directors of the OLIVENHAIN MUNICIPAL WATER DISTRICT on this 17th day of July 2024.

In witness whereof this Notice of Completion has been executed under authority from the Board of Directors of said OLIVENHAIN MUNICIPAL WATER DISTRICT by Kimberly A. Thorner, General Manager.

KIMBERLY A. THORNER, being first duly sworn, deposes and says that she is General Manager of the OLIVENHAIN MUNICIPAL WATER DISTRICT and is familiar with the facts stated in the foregoing Notice of Completion executed for and on behalf of said Agency, that she has read the foregoing Notice of Completion and knows the contents thereof and that the same are true.

OLIVENHAIN MUNICIPAL WATER DISTRICT

Date: _____, 2024

By: _____
Kimberly A. Thorner
General Manager

District Project No. W590249 – 777 N El Camino Real FDC & WS Installation Project

Memo

Date: July 17, 2024

To: Olivenhain Municipal Water District Board of Directors

From: Steven Weddle, Engineering Services Supervisor

Via: Kimberly A. Thorner, General Manager

Subject: **CONSIDER APPROVAL OF CONSTRUCTION CHANGE ORDER 2 WITH TEICHERT ENERGY AND UTILITIES GROUP INC. DBA TEICHERT UTILITIES IN THE AMOUNT OF \$71,341 FOR UNFORESEEN CONDITIONS DURING THE RECYCLED WATER PIPELINE EXTENSIONS FOR CALLE BARCELONA, VILLAGE PARK, AND SUMMERHILL PROJECT AND AUTHORIZE THE GENERAL MANAGER TO SIGN ON BEHALF OF OMWD**

Purpose

The purpose of this agenda item is to consider approval of Construction Change Order (CCO) 2 with Teichert Energy and Utilities Group Inc. dba Teichert Utilities (Teichert) in the amount of \$71,341 to account for alignment changes due to unforeseen conditions for the Recycled Water Pipeline Extensions for Calle Barcelona, Village Park, and Summerhill Project (Project) and authorize the General Manager to sign on behalf of the Olivenhain Municipal Water District (OMWD).

Recommendation

Staff recommends approval of the change order and authorization for the General Manager to sign on behalf of OMWD. No additional appropriation is requested.

Alternative(s)

The Board could elect to not approve the change order and direct staff to re-negotiate, table the item for further discussion, or otherwise proceed in a manner directed by the Board.

Background

The Project was awarded in September 2023 to install approximately 5,600 linear feet of recycled water pipeline to convert approximately 39 acre-feet per year (AFY) of existing potable water demand to recycled water within Director Division 3 (Guerin) and Director Division 5 (Meyers). The Project is divided into the following work areas:

- Site 1 – Calle Barcelona pipeline extension in the City of Carlsbad
- Site 2 – Village Park Recreation Club #1 and Village Park Townhomes #1 HOA extension in the City of Encinitas
- Site 3 – Summerhill HOA extension in the City of Encinitas

Since construction began in May 2024, several unforeseen conditions have been encountered and need to be addressed for construction to progress.

Fiscal Impact

The Project (CIP D800019) has sufficient appropriated budget available for FY 25 to authorize the proposed CCO 2.

Is this a Multi Fiscal Year Project? **Yes**

In which FY did this capital project first appear in the CIP budget? **2022**

Total Project Budget: **\$4,145,000**

Current Fiscal Year Appropriation: **\$3,298,000 (per approved budget)**

To Date Approved Appropriations: **\$4,145,000**

Target Project Completion Date: **March 2025**

Expenditures and Encumbrances as of June 20, 2024: **\$3,668,155**

Is this change order within the appropriation of this fiscal year? **Yes**

If this change order is outside of the appropriation, Source of Fund: **N/A**

Discussion

Work began on the project in May 2024, beginning with the potholing phase for Sites 1 and 2. During this early phase, several utilities were encountered that were not shown on the plans, and required further potholing and additional work. The primary utility potholing issue appears

to have been inadequate/incomplete as-built records, primarily for dry utilities contained within the consultant design and project documents. Additionally, significant delays were encountered during the permitting phase prior to potholing, delaying the start of work and necessitating additional contract days to be added. These changed conditions accounted for CCO 1, approved by the General Manager under her authority in May 2024.

CCO 2 is comprised of several Proposed Change Orders (PCOs) that have been issued as work has progressed. A significant component of CCO 2 directly relates to CCO 1 and largely accounts for necessary alignment changes and extra work associated with installing the pipeline and appurtenances to avoid conflicts with the additional existing utilities that were identified during the potholing phase for sites 1 and 2. Additionally, there are additional costs due to heavily restricted permitted hours beyond contract document stipulations, as well as some miscellaneous extra work necessary to complete the Project. There are also credits identified where staff was able to find more cost-effective approaches to mitigate alternate installations in the field. These PCOs are accounted for in this change order as presented in the following table.

Proposed Change Order # (PCO) and Description	Associated CCO	Date	Initiated by	Value	Time (Consecutive Calendar Days)
PCO# 1 (Additional MAR)	No. 2	May 2024	District	\$8,000	0
PCO# 2 (1.5" Service Lateral Deletions)	No. 2	May 2024	District	-\$20,000	0
PCO# 2 (2" Service Lateral Additions)	No. 2	May 2024	District	\$23,600	0
PCO# 4 (Reduced Work Hours Costs)	No. 2	May 2024	Teichert	\$40,145	9
PCO #6 (Appurtenance Modifications)	No. 2	May 2024	District	-\$51,338	0
PCO #7 (Alignment Changes)	No. 2	May 2024	Teichert	\$67,424	0
PCO #10 (Alignment Changes)	No. 2	May 2024	Teichert	\$3,510	0
Proposed PCO Total	--	--	--	\$71,341	9

A summary of the contract and construction change orders to date is presented in the following table.

Authorization	Date	Authorized by	Value	Time (Consecutive Calendar Days)
Original Contract	September	Board	\$2,897,777	330
CCO No. 1	May-24	General Manager	\$53,200	132
CCO No. 2	Pending Approval	Proposed for Board Approval	\$71,341	9
Total Previous Approved CCOs	--	General Manager	\$53,200	132
Total Proposed CCOs	--	Pending Board	\$71,341	9
Total CCOs to Date (if Approved)	--	Board/General Manager	\$124,541	141
New Contract Value (if approved)	--	--	\$3,022,318	471

Although staff was able to negotiate and re-design significant reductions in work and credits to the District associated with the pipeline installations, additional work was required to move the Project forward, as indicated in the tables above.

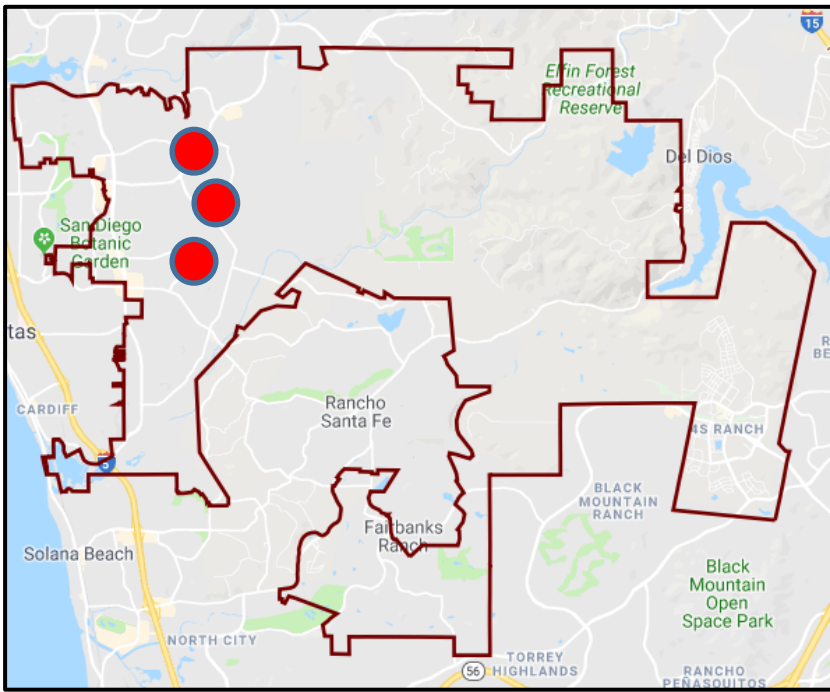
Staff recommends approval of CCO 2 to Teichert in the amount of \$71,341 to account for changed work to date necessary to complete the Project.

Staff is available to answer questions.

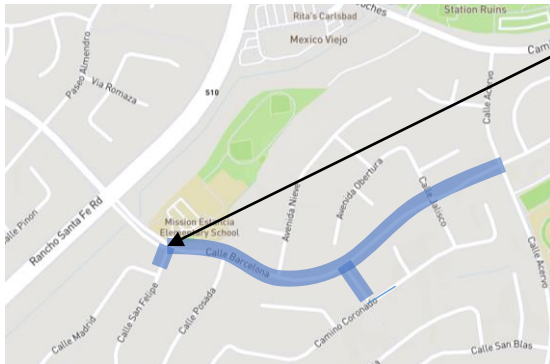
Attachment(s):

Project Site Map

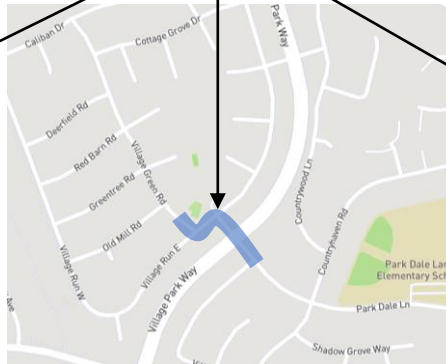
Proposed Construction Change Order 2



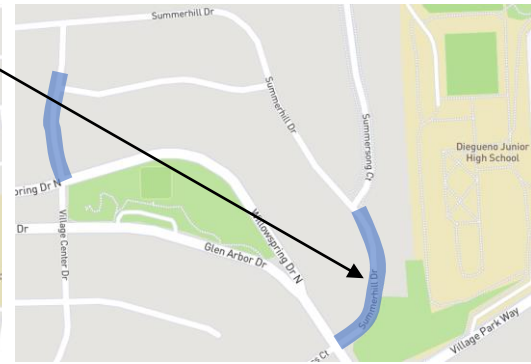
RECYCLED WATER EXTENSIONS



**SITE 1
CALLE BARCELONA**



**SITE 2
VILLAGE PARK**



**SITE 3
SUMMERHILL**

LOCATION MAP

RECYCLED WATER PIPELINE EXTENSIONS FOR CALLE BARCELONA, VILLAGE PARK, AND SUMMERHILL PROJECT

DISTRICT PROJECT NO. D800019

CONTRACT CHANGE ORDER

Owner: **OLIVENHAIN MUNICIPAL WATER DISTRICT** OMWD PN: D800019
Project Name: **Recycled Water Pipeline Extensions for Calle Barcelona, Village Park and Summerhill**
Contractor: **Teichert**

CONTRACT CHANGE ORDER NO. 02

Date: June 18, 2024

The Contractor is hereby authorized and directed to make the herein described changes from the Plans and Specifications or do the following work not included in the Plans and Specifications for the construction of this project. Payment to the contractor for these change order items shall provide full compensation for all equipment, materials, labor, field and home office overhead, indirect and consequential costs, mark-ups and profit necessary to complete the work. By executing this contract change order, the contractor agrees to proceed with this work as a change order per the contract documents and waives any rights to additional compensation arising out of work listed in this change order, including without limitation, any claims relating to any cumulative effect of change orders, delays, productivity impact or interruption.

DESCRIPTION OF CHANGE:

1. Increase Bid Item A.8, 2-inch Manual Air Release Assembly, by one (1) Each @ \$8,000.00/Each at Sta. 50+08. The cost of this work is \$8,000.00. Add zero (0) workdays to the contract for this work. See PCO #1 for details.
2. Decrease Bid Item C.11, 1.5-inch Recycled Water Service, by two (2) Each @ <\$10,000.00>/Each per OMWD direction. Delete meter service laterals at Sta. 82+72 and Sta. 92+15. The cost of this work is a CREDIT of \$20,000.00. Add zero (0) workdays to the contract for this work. See PCO #2 for details.
3. Increase Bid Item C.12, 2-inch Recycled Water Service, by two (2) Each @ \$11,800.00/Each per OMWD direction. Add meter service laterals at Sta. 82+72 and Sta. 92+15 at same location as 1.5-inch RWS deleted in item 2 above. The cost of this work is \$23,600. Add zero (0) workdays to the contract for this work. See PCO #2 for details.
4. RFI #4 outlined the City of Encinitas' work hours that were significantly reduced from what was shown in the contract documents as a condition of the City's ROW permit. These reduced work hours negatively impact Teichert's production as Teichert now has a shorter work window to complete the work. The lump sum cost impact of this work is included in RFI #4. The cost of this work is \$40,145.00. Add nine (9) calendar days to the contract for this work. See PCO #4 for details.
5. The District modified several Manual Air Releases (MAR) and Blow-Offs (BO) to relocate them from behind curb to a valve can in the traveled way. This work was done to accommodate the City of Carlsbad request during the permitting process. The cost of this work is a CREDIT of \$51,338.00. Add zero (0) workdays to the contract for this work. See PCO #6 for details.
6. The pothole results from Site 2 provided under submittal 30.2 documented conflicts with the proposed pipeline alignment and existing utilities in three (3) locations which required redesigns of the proposed alignment to avoid the conflicts. The redesigns required additional work and materials by the contractor beyond what was shown on the bid plans. The cost of this work is \$67,424.00. Add zero (0) workdays to the contract for this work. See PCO #7 for details.
7. The connection point for the recycled water pipeline on Calle Barcelona at Sta. 10+00 was found during potholing to be offset approximately 3' from the proposed plan alignment. The new connection alignment required modification and use of deflection couplings to match the planned alignment with the actual connection point. The cost of this work is \$3,510.00. Add zero (0) workdays to the contract for this work. See PCO #10 for details.

Original Contract Amount: \$2,897,777.00

Total Previous Change Orders (Through CCO #1): \$53,200.00

Total This Change Order: \$71,341.00

Revised Contract Amount: \$3,022,318.00

Original Contract Duration: 330 Calendar Days

Original Contract Completion Date: 10/28/2024

Total Calendar Days Added from Previous Change Orders (Through CCO #1): 132

Total Calendar Days Added This Change Order: 9 Calendar Days

Revised Contract Duration: 471 Calendar Days

Revised Contract Completion Date: 3/21/25

TOTAL COST for this CHANGE ORDER is SEVENTY-ONE THOUSAND, THREE-HUNDRED FORTY-ONE Dollars and 00 cents INCREASE.

It is agreed that 9 consecutive calendar day(s) extension of time will be allowed by reason of this change. The original completion date was 10/28/24 and the revised completion date is 3/21/25. (including weather delays).

Prepared by Project Manager

Accepted by CONTRACTOR

Approved by OWNER

By: Alejandro Suarez 

By: _____

Date: 06/19/2024

Date: _____

NOTE: Attention is called to the sections in the General Provisions on Scope of Work and Estimates and Payments.

☐ THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY OWNER.

☐ IF ACCEPTABLE TO THE CONTRACTOR, THIS CHANGE ORDER IS EFFECTIVE IMMEDIATELY.

Distribution: ☐ Owner ☐ Contractor ☐ Engineer ☐ Finance

Memo

Date: July 17, 2024
To: Olivenhain Municipal Water District Board of Directors
From: Kimberly A. Thorner, General Manager
Subject: **CONSIDER ADOPTION OF A RESOLUTION OF THE BOARD OF DIRECTORS OF THE OLIVENHAIN MUNICIPAL WATER DISTRICT HONORING MARVIN COHEN FOR 25 YEARS OF DEDICATED SERVICE**

Purpose

The purpose of this item is to consider the attached Resolution for presentation to Facilities Coordinator, Marvin Cohen for his 25 years of service.

Recommendation

Staff recommends that the Board approve the attached Resolution.

Background

Traditionally and as part of the "Employee Service Recognition and Retirement Guidelines," District employees receive resolutions upon attaining 25 years of service and/or upon retiring with more than 20 years of service.

RESOLUTION NO. 2024-14

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
OLIVENHAIN MUNICIPAL WATER DISTRICT HONORING
MARVIN COHEN FOR 25 YEARS OF DEDICATED SERVICE

WHEREAS, the Olivenhain Municipal Water District is a public agency of the State of California, organized and existing in accordance with the Municipal Water District law of 1911, Section 71000 of the Water Code of the State of California; and

WHEREAS, MARVIN COHEN has diligently served the Olivenhain Municipal Water District (District) for 25 years through his exceptional quality of work in the Construction and Engineering Departments; and

WHEREAS, MARVIN COHEN began serving the District in 1999 as a Utility I and quickly started to climb the ladder when he was promoted in 2000 to a Utility II, promoted again in 2004 to a Utility III, and yet again promoted to the Facilities Coordinator position where he has served since 2014; and

WHEREAS, MARVIN COHEN is responsible for the District's facility maintenance program, right of way oversight, landscape and lease maintenance program, and the security functions for the District; and

WHEREAS, MARVIN COHEN'S loyalty, attention to detail, work ethic, persistence, and can-do attitude has been an invaluable asset to the District for the last 25 years; and

WHEREAS, MARVIN COHEN has exhibited prudent management of multiple critical contracts for the District; and

WHEREAS, MARVIN COHEN is a respected leader who effectively organizes and manages competing priorities while exercising sound, independent judgment; and

WHEREAS, MARVIN COHEN is regarded as a "Jack of All Trades" for his ability to troubleshoot and fix anything not only at work, but on his boat and dune buggy, on a train, on a plane, and in the rain; and

WHEREAS, MARVIN COHEN has a profound fondness for the rescuing and relocating of errant honey bee hives; and

WHEREAS MARVIN COHEN has enacted many last-minute MacGyver saves for the District on anything and everything; and

WHEREAS MARVIN COHEN is greatly valued and should be commended for an excellent 25 years of dedicated service; and

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE OLIVENHAIN MUNICIPAL WATER DISTRICT DOES HEREBY FIND, DETERMINE, RESOLVE AND ORDER AS FOLLOWS:

Section 1: The Board of Directors, on behalf of the ratepayers of the District, do hereby express their appreciation and honor MARVIN COHEN for his 25 years of dedicated public service and commitment to serve the Olivenhain Municipal Water District.

Section 2: The contributions and dedication of MARVIN COHEN have contributed greatly to achieving the mission of the Olivenhain Municipal Water District.

PASSED, ADOPTED AND APPROVED at a regular meeting of the Board of Directors on the 17th day of July 2024.

Christy Guerin, President
Board of Directors
Olivenhain Municipal Water District

ATTEST:

Lawrence A. Watt, Secretary
Board of Directors
Olivenhain Municipal Water District

Memo

Date: July 17, 2024
To: Olivenhain Municipal Water District Board of Directors
From: Rainy Selamat, Finance Manager
Via: Kimberly Thorner, General Manager
Subject: **DISCUSS DRAFT 2024 WATER COST OF SERVICE RATE STUDY AND FINANCIAL PLAN WITH RAFTELIS FINANCIAL CONSULTANTS, INC. AND RECEIVE INPUT FROM THE BOARD (WATER RATE WORKSHOP)**

Purpose

The purpose of this item is to discuss the 2024 draft Water Cost of Service Rate Study results and financial plan with Mr. Sudhir Pardiwala with Raftelis, and to receive direction from the Board on a rate option which will be used to develop the 2024 Water Rate Study Report and OMWD Proposition 218 Water Rate Hearing Notice for review with the Board at the next meeting (August 14, 2024).

Recommendation

Staff recommends that the Board discuss and consider the options included in the attached presentation for discussion.

Alternative

N/A. This is a discussion and input item.

Background

The District comprehensively reviews its water rates and charges every five years. A Water Cost of Service Study is the basis for allocating costs and calculating the proposed adjustments and increases to the District's water rates and charges. Raftelis was retained to perform a cost of service analysis and rate study for the District's water rates and charges for the next five years (2025-2029). The results of the water rate study are the proposed rate adjustments and increases shown in the presentation (attached).

The District has been successful in managing its costs through conservative financial planning and optimal utilization of its assets to avoid rate spikes. However, the District experienced unprecedented challenges in developing its water rates and charges for 2025. The main drivers of these challenges are significant increases in purchased water costs and rising energy costs to run the District's David McCollom Water Treatment Plant and 4S Water Reclamation Facility. While continually striving to keep its internal operating costs as low as possible, the District needs to keep up with inflation and increases in its controllable costs, as well as paying its debt service obligations to pay for the cost of providing water services to its customers.

The goals of this year's water rate study are to sufficiently fund the water (potable and recycled) operating and maintenance costs as well as planned capital expenditures, and to preserve the District's financial integrity from significant increases in water supply costs from the District's water wholesaler, San Diego County Water Authority (SDCWA).

Unlike some water agencies that have local water supplies to meet demand, the District purchases 100% of its raw water supply from SDCWA. Water supply cost from SDCWA is the District's largest water expenditure, comprising more than 60% of our cost to operate. The District also purchases recycled water from several recycled water wholesalers to meet its recycled demand.

Staff requested a proposal from three rate consulting firms and received two proposals. Mr. Sudhir Pardiwala with Raftelis was retained to complete the District's water rate study in October 2023. Mr. Pardiwala was selected for the project because of his knowledge in the District's operations and finances through past engagements, including the 2019 Water Rate Study, 2024 Wastewater Rate Study, and 2023 Water Capacity Fee Study. Mr. Pardiwala's team has also assisted staff each year in reviewing the District's annual pass-through increases since 2019. Staff is confident with Mr. Pardiwala's ability to develop a sustainable financial plan and optimal rate structure that will comply with Proposition 218 and other regulatory requirements in addition to meeting the District's goals and objectives.

Fiscal Impact

To avoid operational deficits, depletion of reserves, and inability to address water capital infrastructure needs, Raftelis is recommending a 7.9% rate increase adjustment to OMWD's water service charges effective January 1, 2025. The proposed rate increase is based on an estimated 15% increase to purchased water costs from SDCWA and other recycled water wholesalers and an increase in OMWD's water operations and maintenance costs to keep up with annual inflation adjustment based on the San Diego Consumer Price Index (SDCPI).

Raftelis is also recommending to pass through any increases in purchased water wholesale costs from SDCWA and other recycled water suppliers, and increases to the District's costs of operations and maintenance and capital facility improvements based on over-the-year percent change in SDCPI each year for the next four years starting January 1, 2026.

Also recommended for discussion are strategies to use the rate reimbursement credit at varying intervals to reduce the impact of the 7.9% rate increase to customers over multiple time periods.

Discussion

The results of the water rate study are the proposed rate adjustments and increases shown in the presentation (attached), which are necessary in order for the District to:

- Recover current and projected costs of operations and maintenance, and capital infrastructure improvements needed to repair, replace, and update the District's aging water system;
- Be fiscally responsible for financial stability in years to come;
- Comply with state-mandated regulatory requirements and prepare for anticipated periods of mandatory supply reduction;
- Achieve financial stability in order to sustain operations;
- Be environmentally responsible;
- Keep all financial commitments through compliance with debt service requirements.

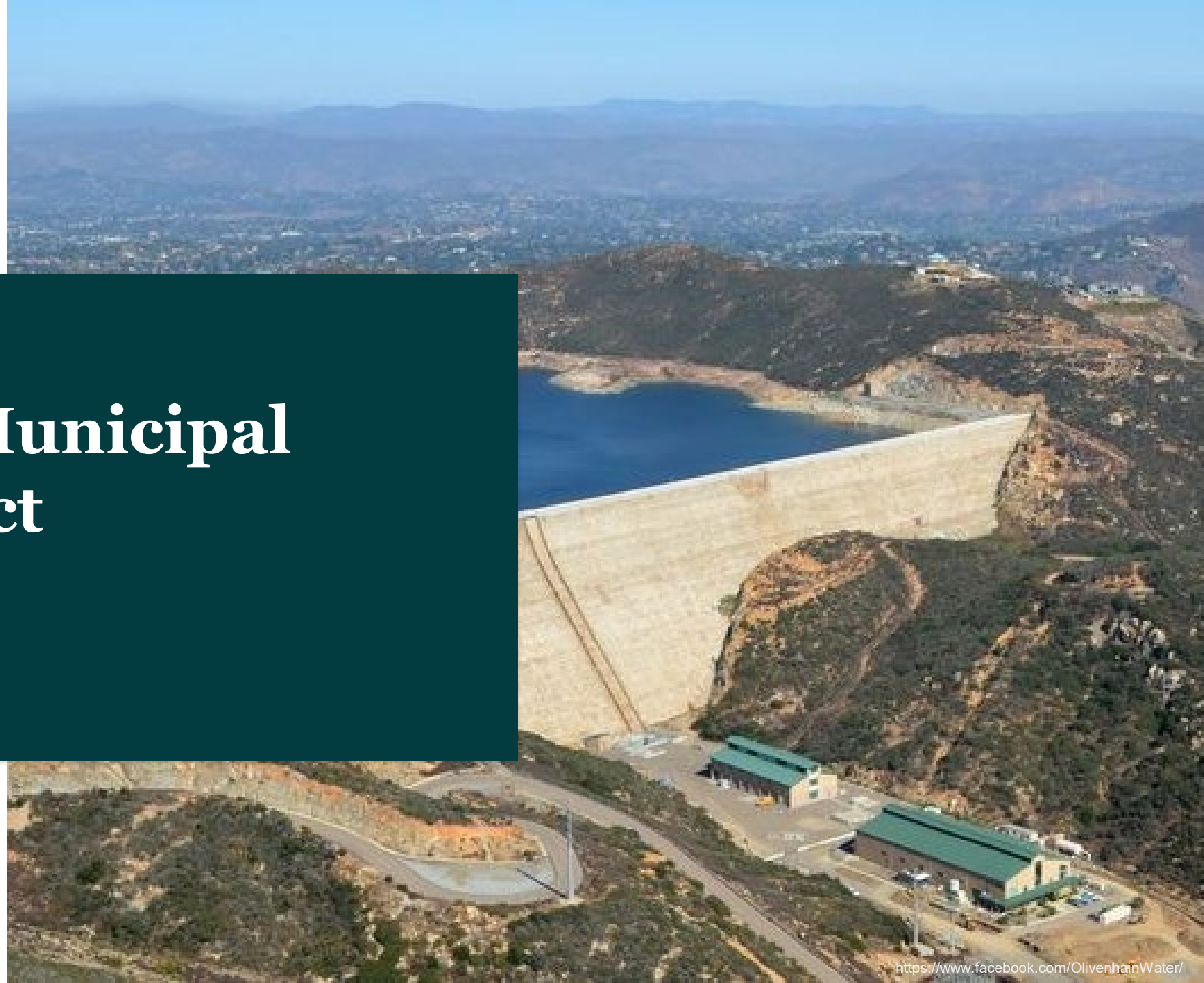
Raftelis consultant and staff will be available during the meeting for discussion.

Attachment: 2024 Water Rate Study and Financial Plan presentation

Olivenhain Municipal Water District

Water Rates Workshop

July 17, 2024





Agenda

- Rate Study Overview
- Water Financial Plan
- Cost of Service
- Review Rate Alternatives
- Customer Impacts
- Next Steps
- Questions & Discussion

Rate Study Steps

1

Rate Setting Framework

- Pricing objectives
- Reserve Targets
- Debt



2

Financial Plan

- Revenue sufficient?
- Evaluation of CIP and financing options



3

Cost of Service & Rate Design

- Cost allocations
- Rate design
 - Rate calculations
 - Customer impact analyses



4

Final Rate Adoption

- Report
- Prop 218 Notice
- Public Hearing

Rate Drivers

- Large increases in SDCWA rates
- Reduced revenues from lower water use in last two wet winters
- Recovery of revenue from cap on last pass-through rates (OMWD absorbed a portion of the last increase from CWA)

What tools do we have to lower rates?

- **Property tax revenue and rental income**
 - › Used as an offset to minimize bill impacts and increase affordability
- **Rate Reimbursement Credit (Temporary)**
 - › SDCWA's refund is given back to ratepayers in the form of a credit on the cost per hcf of water used
 - › This study presents options to increase credit to offset bill impacts

Water Financial Plan



Financial Plan Assumptions

Inflation	FYE 2025	FYE 2026	FYE 2027	FYE 2028	FYE 2029
General	3.0%	3.0%	2.0%	2.0%	2.0%
Salary	6.0%	6.0%	4.5%	4.5%	4.5%
Benefits	5.0%	5.0%	4.0%	4.0%	4.0%
Chemicals	6.0%	6.0%	5.0%	5.0%	5.0%
Utilities	5.0%	5.0%	5.0%	5.0%	5.0%
Other Operating Revenues	2.0%	2.0%	2.0%	2.0%	2.0%
Property Tax	2.0%	2.0%	2.0%	2.0%	2.0%
Interest Earnings					
Reserve Interest Rate	3.00%	2.00%	2.00%	1.50%	1.50%
Supply Costs					
SDCWA	Alternative 9	8.5%	11.5%	4.0%	4.0%

OMWD Operating and Capital assumptions are consistent with FYs 2025 and 2026 adopted budget and MOU

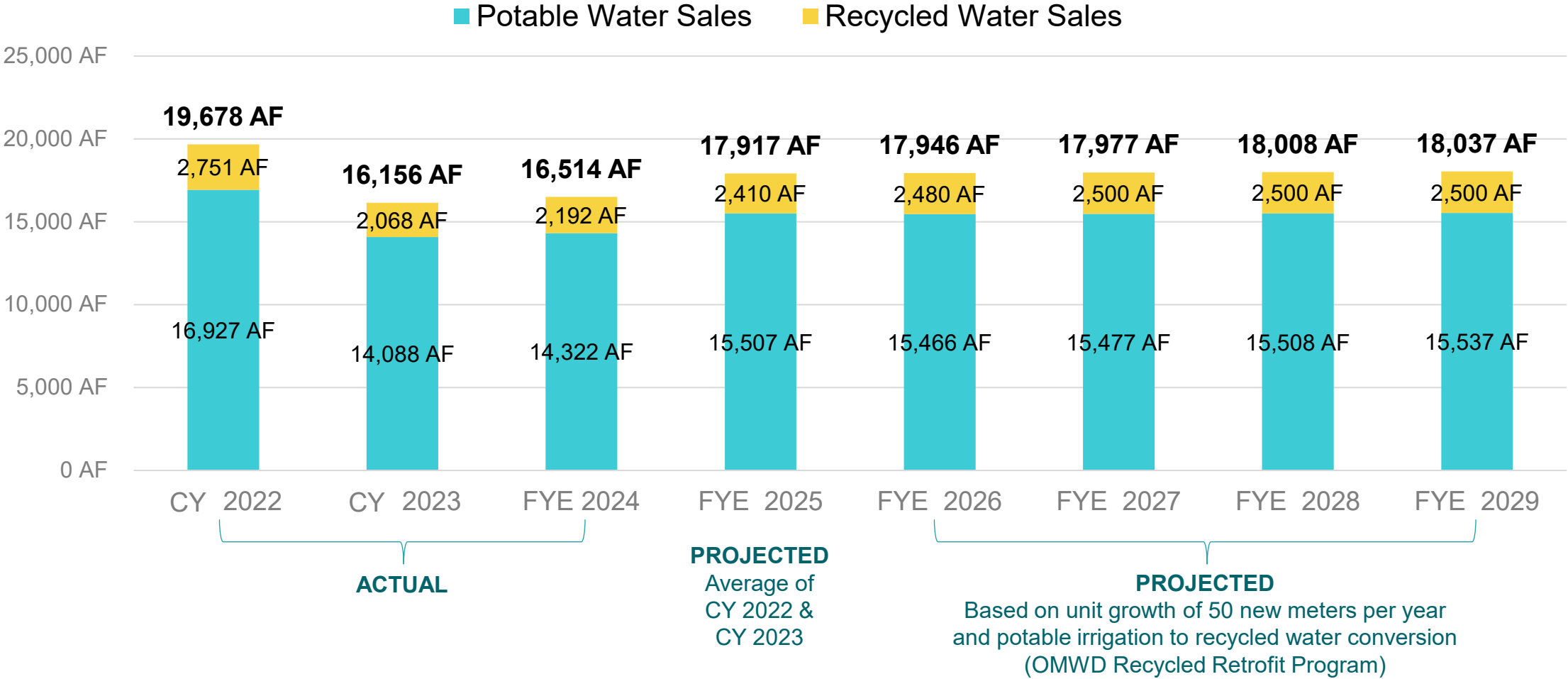
Account Growth

- Average of 50 new ¾" meters assumed each year.
- In FY 2027 and 2028 there is growth in larger meters to account for anticipated development

Retain Current Reserve Policies

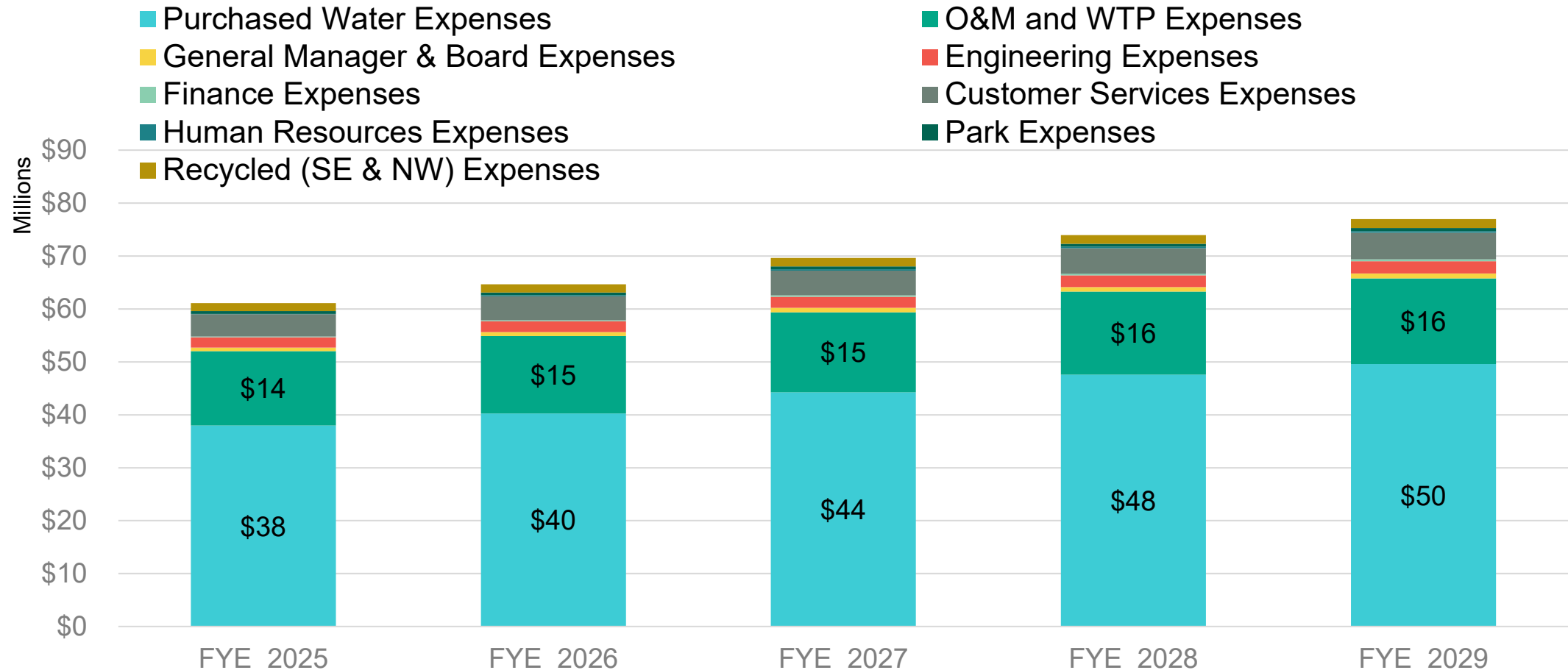
- Operating Fund Target:
 - › Min: 60 days cash on hand
 - › Max: 120 days cash on hand
- Capital and Equipment Fund Target:
 - › Min: 1 year of approved CIP
 - › Max: 5 years of approved CIP
- Rate Stabilization Fund Target:
 - › Min: 25% of average estimated net water sales for current fiscal year
 - › Max: 50% of average estimated net water sales for next two fiscal years
- Pension Stabilization Fund Target:
 - › Min: 1 year of projected employee retirement (ER) contribution for unfunded accrued liability (UAL) over the next 5 years
 - › Max: 2 years of projected ER contribution for UAL over the next 5 years

Actual & Projected Water Usage

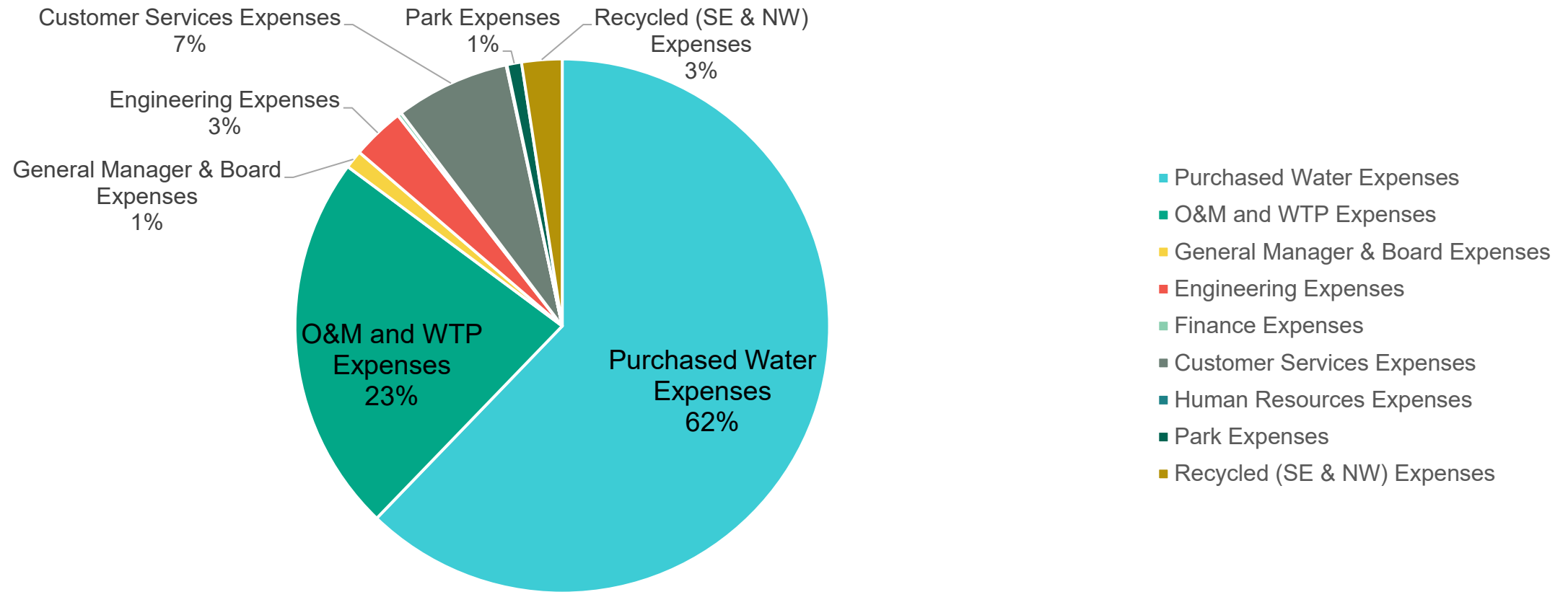


Projected O&M Expenses

O&M EXPENSES



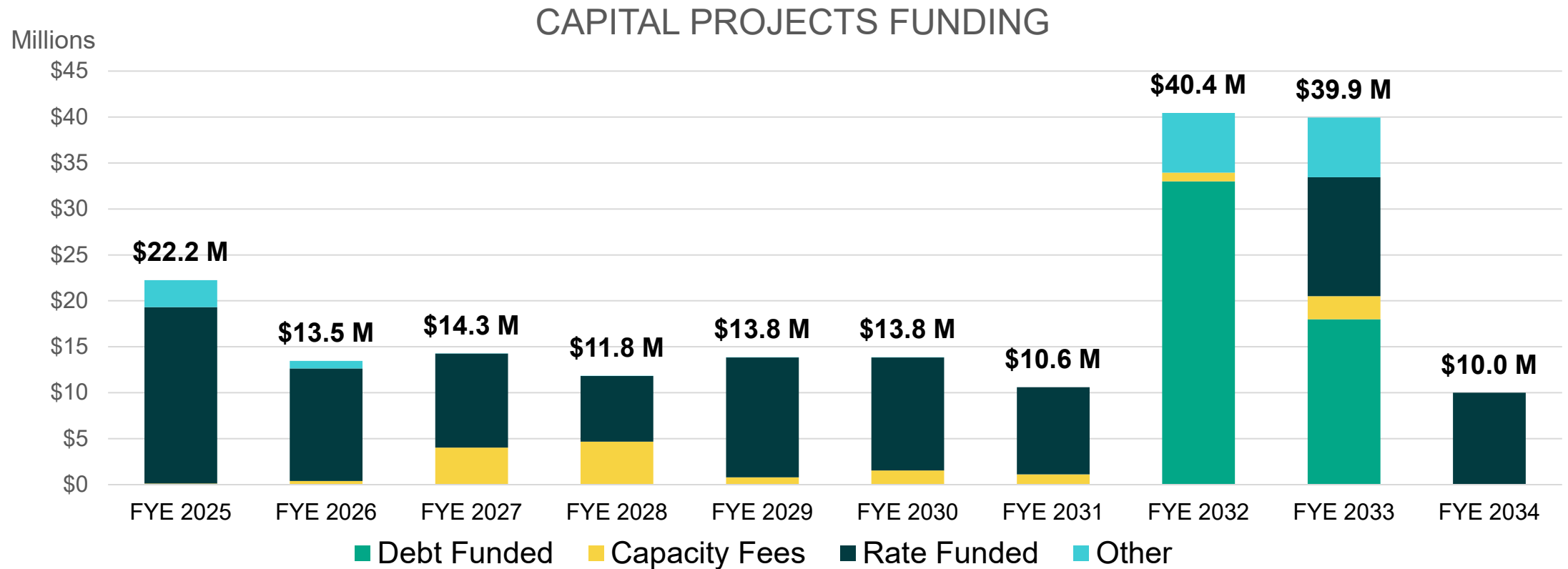
FY 2025 O&M Expense Breakdown



One-time Potential Savings for FY 2025

- Proposal to pre-buy untreated water from SDCWA
 - › Deal term is still in process
- One-time Anticipated Revenues in FY 2025
 - › Projected revenues from Grants of \$1.78 million in FY 2025 to reduce CIP
 - › Selling of OMWD's Weigand parcels of about \$1.15 million to reduce CIP

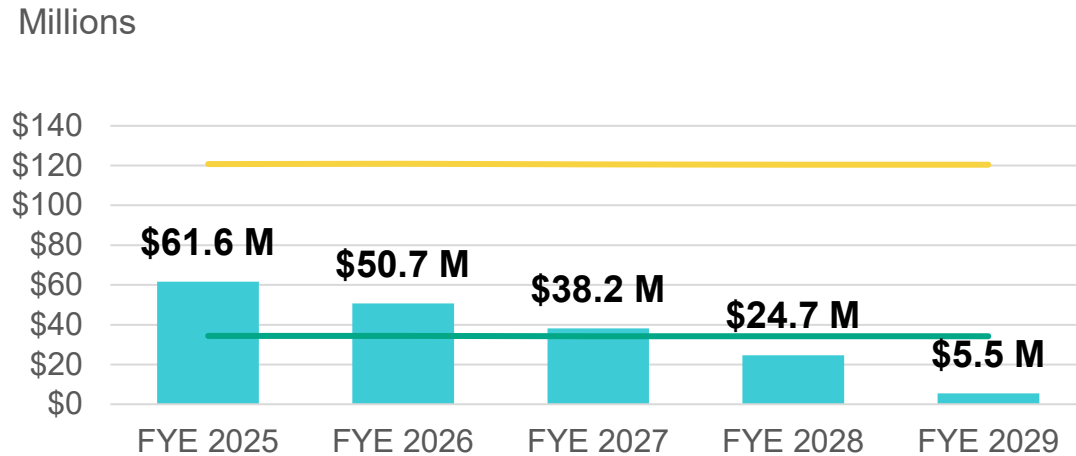
Planned 10-yr CIP and Funding Sources



Source: OMWD FYs: 2025 and 2026 Budget and Water Master Plan

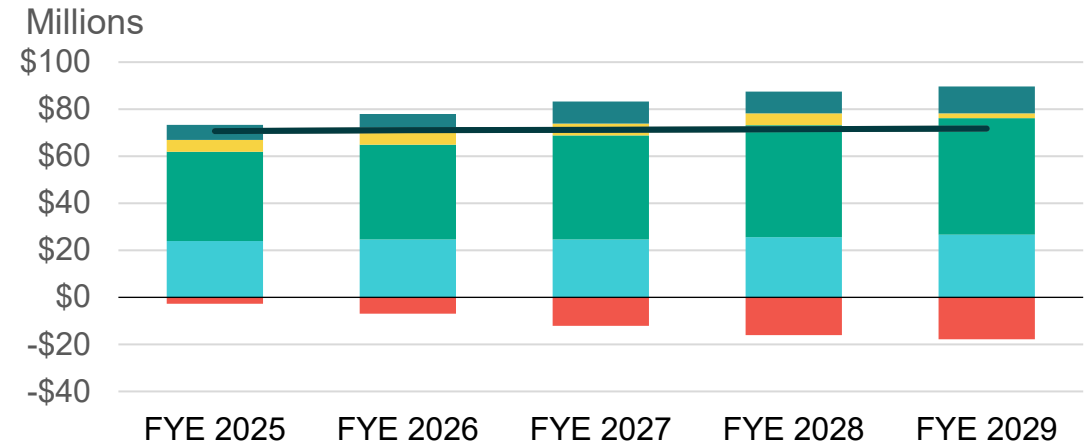
Financial Outlook without Revenue Increases

TOTAL FUNDS BALANCE



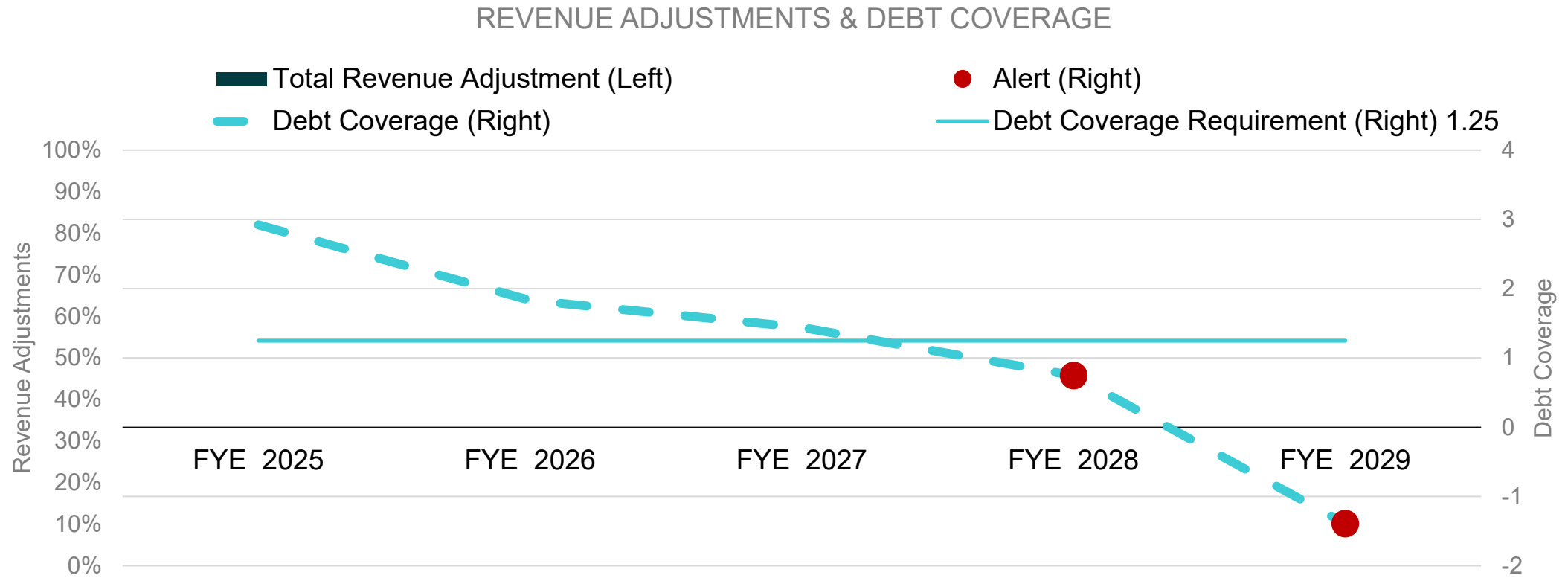
Ending Balance Minimum Balance
Maximum Balance

OPERATING FINANCIAL PLAN



O&M Expenses Purchased Water Costs
Debt Service Transfers
Revenue to Reserves Current Revenues

Debt Coverage without Revenue Increases



Financial Plan – Revenue Adjustments

	FYE 2025	FYE 2026	FYE 2027	FYE 2028	FYE 2029
System Access Charges (Inflation/Wholesale Pass-Through)	8.0%	8.0%	8.0%	5.0%	4.0%
Fire Meter Charges	5.0%	6.0%	6.0%	5.0%	4.0%
Commodity Charges including Inflation/Wholesale Pass-Through	8.0%	8.0%	8.0%	5.0%	4.0%
Infrastructure Access Charges SDCWA IAC Pass-Through	3.2%	8.5%	11.5%	4.0%	4.0%
TOTAL REVENUE ADJUSTMENT	7.9%	8.0%	8.1%	5.0%	4.0%

% Change in Rate Revenue Requirements from 2024 to 2025

💧 Water Supply Costs (7.3%)

- 💧 Increases in potable and recycled purchased water cost from SDCWA and other water suppliers

💧 Operating Department Budget (1.9%)

- 💧 Salaries, Benefits, Supplies, outside services, and consultants, Property Insurance

💧 Other, Net Offsets (-0.3%)

- 💧 Adopted Board Financial Policies
- 💧 Transfers to fund capital reserves, Pension Stabilization Fund
- 💧 Debt Service, IAC, Non-Operating Expenses

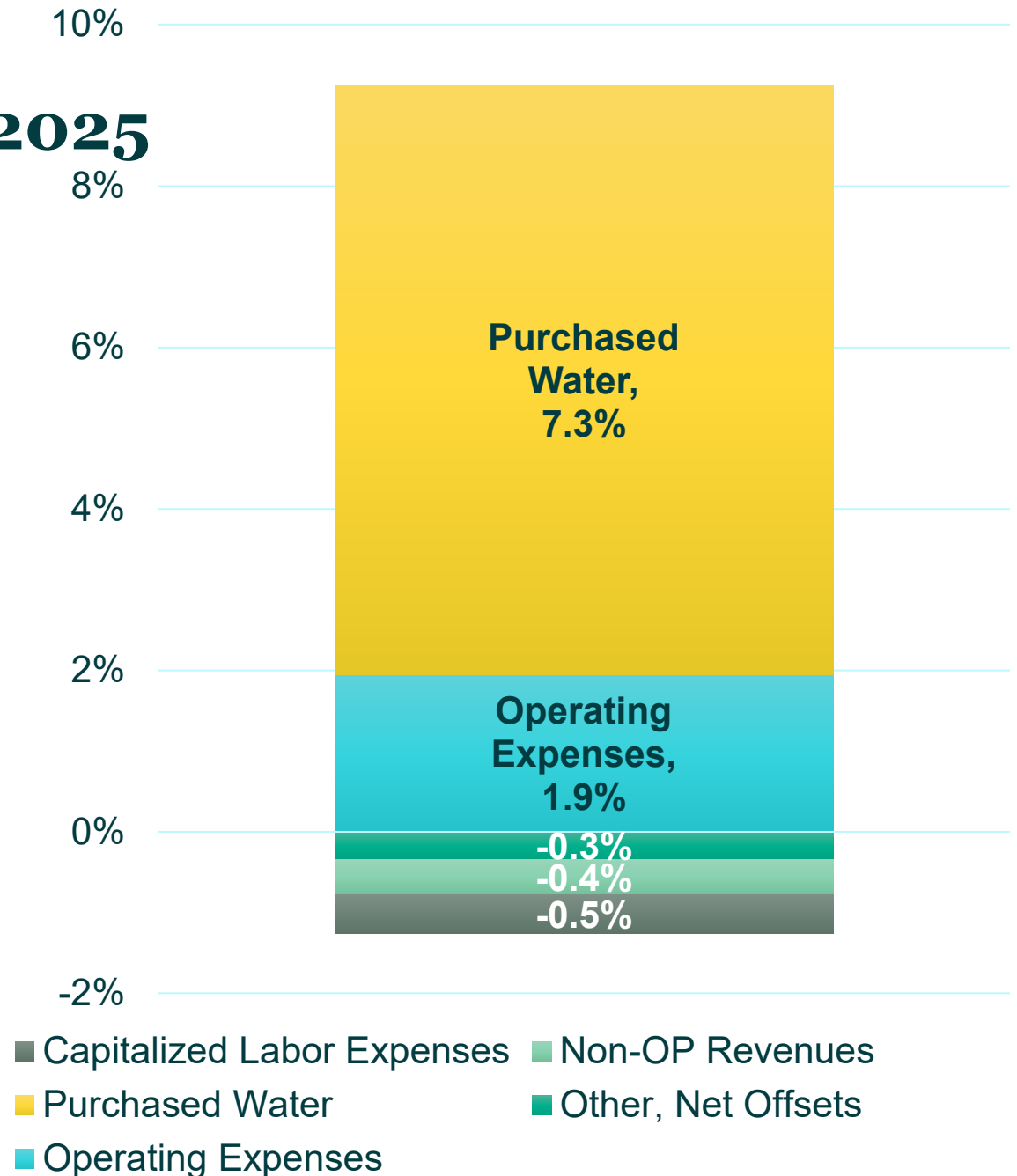
💧 Non-Operating Revenues (-0.4%)

- 💧 Property Tax Revenue

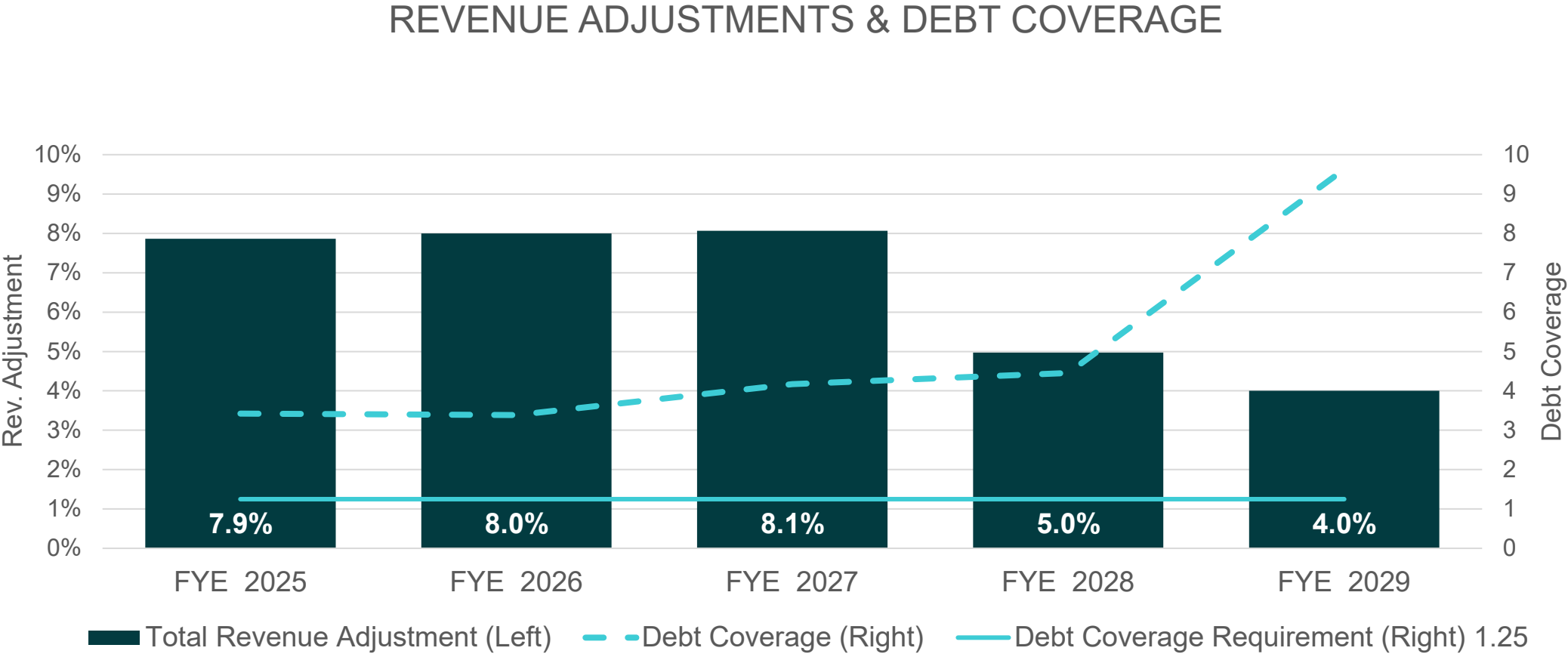
💧 Capitalized Labor Expenses (-0.5%)

- 💧 Reduce operating department budget
- 💧 Amortize over assets' life

Total Change in Revenue Requirements 8%

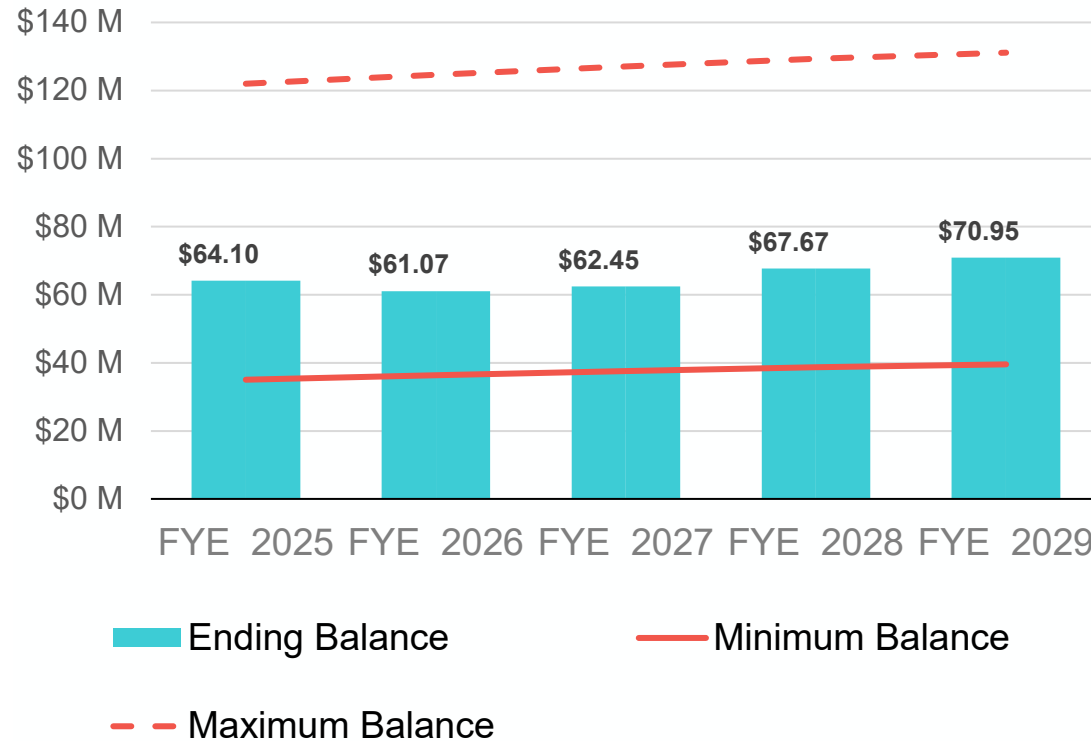


Net Revenue Adjustment & Debt Coverage

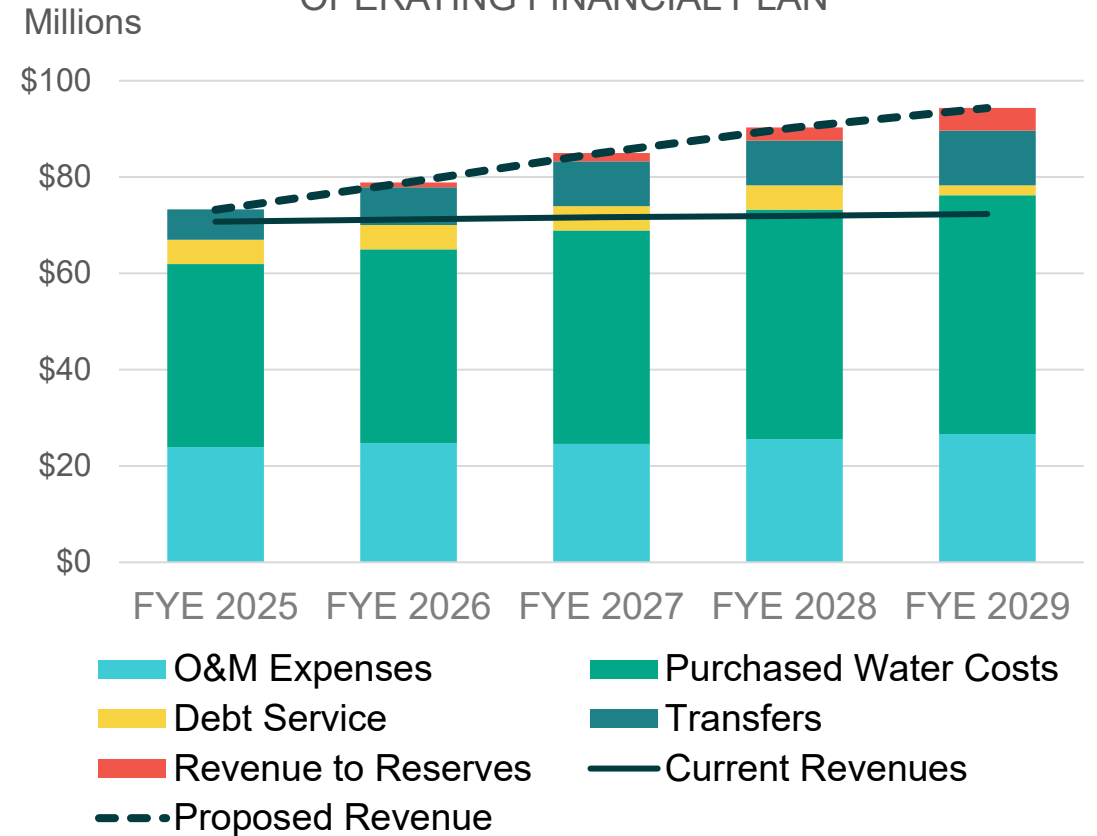


Financial Outlook

TOTAL FUNDS BALANCE



OPERATING FINANCIAL PLAN



Water Cost of Service

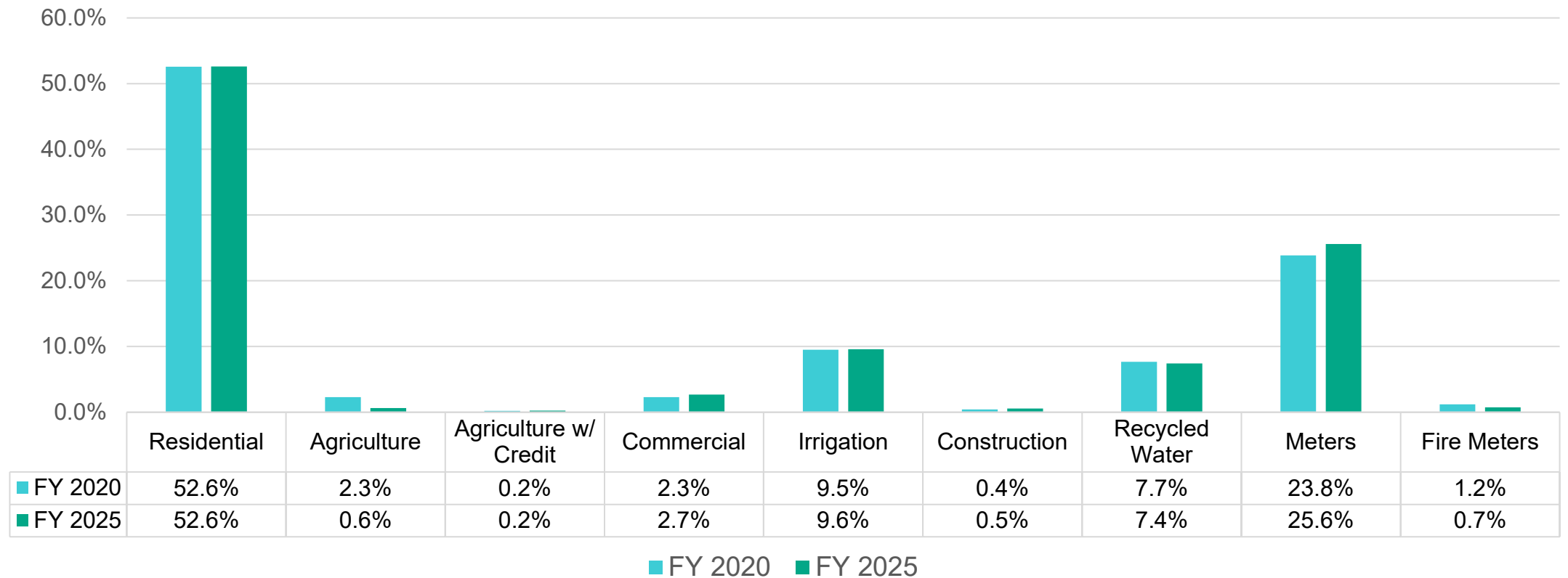


Cost Of Service Allocation

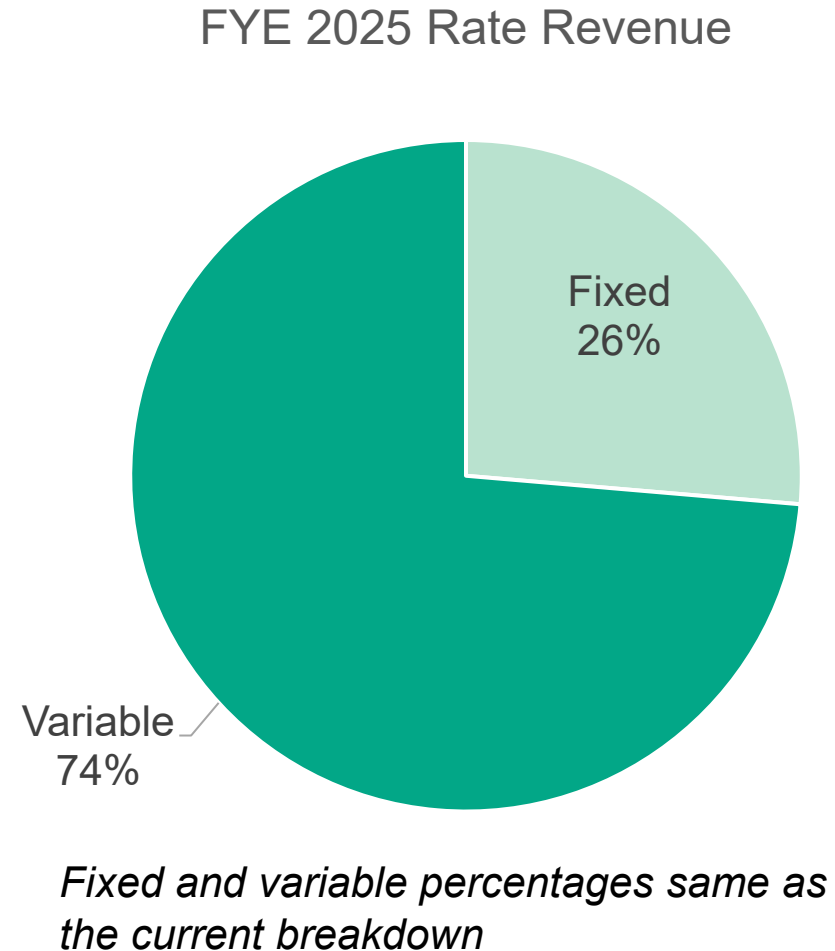
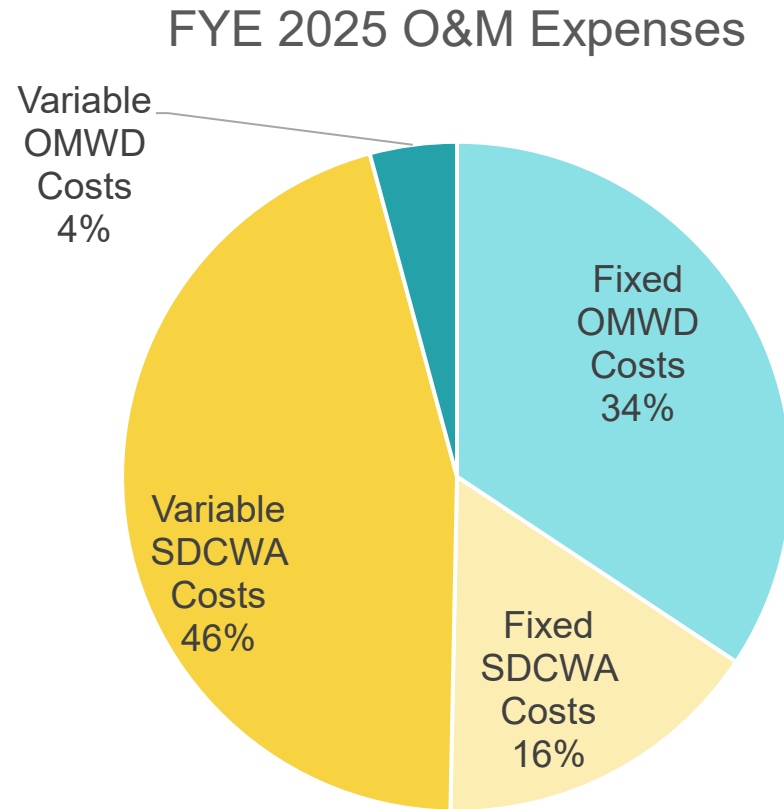
- Kept consistent cost of service allocation methodology from 2019 rate study
 - › Fixed transportation costs allocated to meters
 - › Included lost revenue from pass-through rate cap in CY 2024
- Peaking factors were calculated based on FY 2022 data
 - › Domestic Tier 4 decreased from 2.08 → 1.94
 - › Irrigation 2 increased 1.73 → 2.02
- Retained current customer classifications and tiers based on FY 2022 data

Cost of Service Results

Cost of Service Comparison by Customer Class



Cost & Revenue Structure



System Access Charge Calculation

Meter Size	Meter Ratio [A]	Meter Component [B] = [A]*Meter Unit Cost	Customer Component [C]	Proposed Charges [D]=[B]+[C]
5/8"	0.70	\$X.XX	\$X.XX	\$X.XX
3/4"	1.00	\$X.XX	\$X.XX	\$X.XX
1"	1.90	\$X.XX	\$X.XX	\$X.XX
1-1/2"	3.10	\$X.XX	\$X.XX	\$X.XX
2"	5.00	\$X.XX	\$X.XX	\$X.XX
2-1/2"	9.30	\$X.XX	\$X.XX	\$X.XX
3"	10.20	\$X.XX	\$X.XX	\$X.XX
4"	17.10	\$X.XX	\$X.XX	\$X.XX
6"	36.00	\$X.XX	\$X.XX	\$X.XX
8"	65.00	\$X.XX	\$X.XX	\$X.XX

- System Access Charge is the sum of individual unit rates for each “cost component”
- The meter component is multiplied by the meter ratio

Volumetric Rate Calculation

- Volumetric rate is the sum of individual unit rates for each “cost component”

Customer Class	Supply Unit Rate	Base Unit Rate	Max Day Unit Rate	Max Hour Unit Rate	Recycled Water Unit Rate	Revenue Offsets Unit Rate	Ag Credit Unit Rate	Proposed Base Rate
Domestic Tier 1	\$X.XX	\$X.XX	\$X.XX	\$X.XX		\$X.XX		\$X.XX
Domestic Tier 2	\$X.XX	\$X.XX	\$X.XX	\$X.XX		\$X.XX		\$X.XX
Domestic Tier 3	\$X.XX	\$X.XX	\$X.XX	\$X.XX		\$X.XX		\$X.XX
Domestic Tier 4	\$X.XX	\$X.XX	\$X.XX	\$X.XX		\$X.XX		\$X.XX
Total Residential								
Agriculture	\$X.XX	\$X.XX	\$X.XX	\$X.XX		\$X.XX		\$X.XX
Agriculture w/ Credit	\$X.XX	\$X.XX	\$X.XX	\$X.XX		\$X.XX	\$X.XX	\$X.XX
Commercial	\$X.XX	\$X.XX	\$X.XX	\$X.XX		\$X.XX		\$X.XX
Irrigation Tier 1	\$X.XX	\$X.XX	\$X.XX	\$X.XX		\$X.XX		\$X.XX
Irrigation Tier 2	\$X.XX	\$X.XX	\$X.XX	\$X.XX		\$X.XX		\$X.XX
Total Irrigation								
Construction	\$X.XX	\$X.XX	\$X.XX	\$X.XX				\$X.XX
Recycled					\$X.XX			\$X.XX

Water Rates



OMWD System Access Charge

Jan 1, 2025

Meter Size	Proposed Charges	Current Charges	Difference (%)	Difference (\$)
5/8"	\$37.16	\$34.25	8.5%	\$2.91
3/4"	\$48.53	\$44.79	8.4%	\$3.74
1"	\$82.63	\$76.41	8.1%	\$6.22
1-1/2"	\$128.10	\$118.54	8.1%	\$9.56
2"	\$200.10	\$185.30	8.0%	\$14.80
2-1/2"	\$363.03	\$336.33	7.9%	\$26.70
3"	\$397.13	\$367.94	7.9%	\$29.19
4"	\$658.59	\$610.30	7.9%	\$48.29
6"	\$1,374.75	\$1,274.14	7.9%	\$100.61
8"	\$2,473.62	\$2,292.73	7.9%	\$180.89

SDCWA Infrastructure Access Charge

Jan 1, 2025

Meter Size	Proposed Charges	Current Charges	Difference
5/8"	\$4.55	\$4.41	3.2%
3/4"	\$4.55	\$4.41	3.2%
1"	\$8.65	\$8.39	3.1%
1-1/2"	\$14.11	\$13.70	3.0%
2"	\$22.75	\$22.09	3.0%
2-1/2"	\$42.32	\$41.10	3.0%
3"	\$46.41	\$45.08	3.0%
4"	\$77.81	\$75.58	3.0%
6"	\$163.80	\$159.10	3.0%
8"	\$295.75	\$287.29	2.9%

Monthly Fire Meter Charge

Jan 1, 2025

Meter Size	Proposed Charges	Current Charges	Difference
5/8"	\$6.13	\$5.85	5%
3/4"	\$6.13	\$5.85	5%
1"	\$6.87	\$6.57	5%
1-1/2"	\$7.84	\$7.54	4%
2"	\$9.39	\$9.08	3%
2-1/2"	\$12.89	\$12.55	3%
3"	\$13.62	\$13.27	3%
4"	\$19.24	\$18.85	2%
6"	\$34.62	\$34.13	1%
8"	\$58.23	\$57.56	1%

Volumetric Rates

Jan 1, 2025

Proposed Commodity Rates - FY 2025						
Customer Class	Monthly Tier Limit (hcf)	Proposed Base Rate	Current Base Rate	Difference (\$)	Difference (%)	
Domestic Tier 1	6	\$4.49	\$4.24	\$0.25	5.9%	
Domestic Tier 2	23	\$6.53	\$6.14	\$0.39	6.4%	
Domestic Tier 3	80	\$7.32	\$6.85	\$0.47	6.9%	
Domestic Tier 4	80 +	\$8.27	\$8.14	\$0.13	1.6%	
Total Residential						
Agriculture		\$6.97	\$6.75	\$0.22	3.3%	
Agriculture w/ Credit		\$5.62	\$5.41	\$0.21	3.9%	
Commercial		\$6.20	\$5.78	\$0.42	7.3%	
Irrigation Tier 1	"B" Base	\$6.98	\$6.50	\$0.48	7.4%	
Irrigation Tier 2	"C" Over Base	\$7.87	\$6.94	\$0.93	13.4%	
Total Irrigation						
Construction		\$8.67	\$8.21	\$0.46	5.6%	
Recycled		\$4.68	\$4.29	\$0.39	9.1%	

Rate Reimbursement Credit (RRC) Options

- **Option 1: 1-YR of RRC**
 - › RRC reduces all the variable rates by \$0.33/hcf
- **Option 2: 2-YR of RRC**
 - › RRC reduces all the variable rates by \$0.17/hcf each year
- **Option 3: Phase out over 2-YR**
 - › RRC reduces variable rates by \$0.22/hcf the first year, \$0.11/hcf the second year

Domestic Bill Impacts

Option 1: 1-YR RRC

		RRC Current	RRC Proposed						
Meter Size	3/4"	\$0.11	\$0.33						
Usage Level	Monthly Usage (hcf)	Current Bill with RRC	Proposed Bill with RRC	Difference with RRC (\$)	Difference with RRC (%)	2025 Last Year RRC	2026 Next Year with no RRC	Difference (\$)	Difference (%)
Very Low	4	\$65.72	\$69.72	\$4.00	6.1%	\$69.72	\$76.74	\$7.02	10.1%
Low	13	\$116.19	\$121.44	\$5.25	4.5%	\$121.44	\$135.86	\$14.42	11.9%
Average	22	\$170.46	\$177.24	\$6.78	4.0%	\$177.24	\$199.40	\$22.16	12.5%
High	50	\$358.47	\$372.17	\$13.70	3.8%	\$372.17	\$420.03	\$47.86	12.9%
Very High	90	\$640.97	\$661.27	\$20.30	3.2%	\$661.27	\$746.73	\$85.46	12.9%

Domestic Bill Impacts

Option 2: 2-YR RRC

Meter Size		RRC Current	RRC Proposed						
3/4"		\$0.11	\$0.17						
Usage Level	Monthly Usage (hcf)	Current Bill with RRC	Proposed Bill with RRC	Difference with RRC (\$)	Difference with RRC (%)	2026 Last Year RRC	2027 Next Year with no RRC	Difference (\$)	Difference (%)
Very Low	4	\$65.72	\$70.36	\$4.64	7.1%	\$76.06	\$82.90	\$6.84	9.0%
Low	13	\$116.19	\$123.52	\$7.33	6.3%	\$133.65	\$146.79	\$13.14	9.8%
Average	22	\$170.46	\$180.76	\$10.30	6.0%	\$195.66	\$215.46	\$19.80	10.1%
High	50	\$358.47	\$380.17	\$21.70	6.1%	\$411.53	\$453.94	\$42.41	10.3%
Very High	90	\$640.97	\$675.67	\$34.70	5.4%	\$731.43	\$807.04	\$75.61	10.3%

Domestic Bill Impacts

Option 3: Phase out over 2-YR

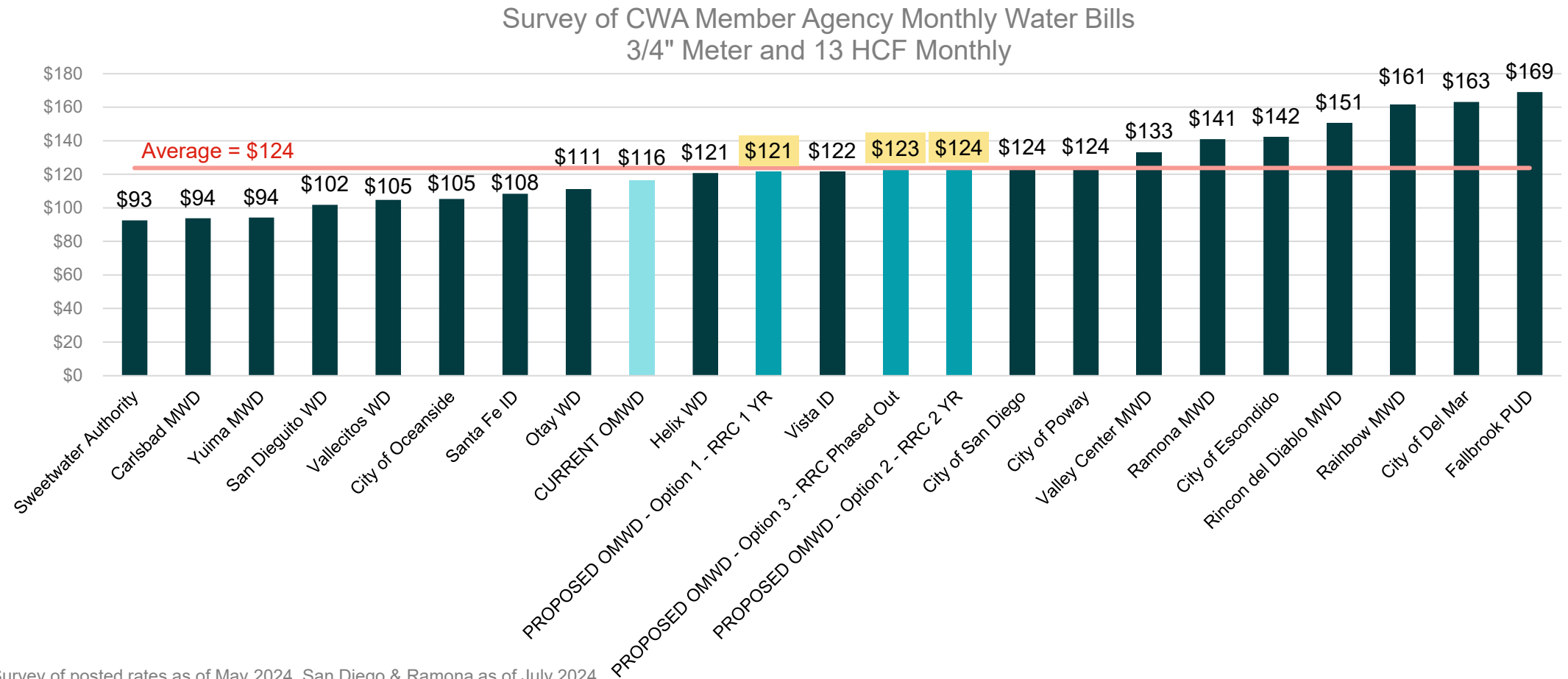
		RRC Current	RRC Proposed						
Meter Size	3/4"	\$0.11	\$0.22						
Usage Level	Monthly Usage (hcf)	Current Bill with RRC	Proposed Bill with RRC	Difference with RRC (\$)	Difference with RRC (%)	2026 Last Year RRC	2027 Next Year with no RRC	Difference (\$)	Difference (%)
Very Low	4	\$65.72	\$70.16	\$4.44	6.8%	\$76.30	\$82.90	\$6.60	8.7%
Low	13	\$116.19	\$122.87	\$6.68	5.7%	\$134.43	\$146.79	\$12.36	9.2%
Average	22	\$170.46	\$179.66	\$9.20	5.4%	\$196.98	\$215.46	\$18.48	9.4%
High	50	\$358.47	\$377.67	\$19.20	5.4%	\$414.53	\$453.94	\$39.41	9.5%
Very High	90	\$640.97	\$671.17	\$30.20	4.7%	\$736.83	\$807.04	\$70.21	9.5%

Note: Year 1 credit is \$0.22, and year 2 credit is \$0.11

Comparison RRC options with projected 2025-2027 average domestic bills

	Current Bill	2025	2026	2027
○ Option 1: 1-YR RRC Average Domestic Bill	\$170.46	\$177.24	\$199.4	\$215.46
RRC (\$/hcf)	0.11	0.33	-	-
Year over Year Difference (%)		4.0%	12.5%	8.1%
○ Option 2: 2-YR RRC Average Domestic Bill	\$170.46	\$180.76	\$195.66	\$215.46
RRC (\$/hcf)	0.11	0.17	0.17	
Year over Year Difference (%)		6.0%	8.2%	10.1%
○ Option 3: Phase out RRC Average Domestic Bill	\$170.46	\$179.66	\$196.98	\$215.46
RRC (\$/hcf)	0.11	0.22	0.11	-
Year over Year Difference (%)		5.4%	9.6%	9.4%

Rate Survey



Survey of posted rates as of May 2024, San Diego & Ramona as of July 2024
Does not include all 24 SDCWA member agencies for comparative purpose.

Next Steps

- Finalize water rates
 - › Board direction on preferred rate option
- Prepare 2024 Water Rate Study report – *August*
- Proposition 218 hearing – *October*
- Consider Adoption – *November*

Q&A



Thank you!

Contact: Sudhir Pardiwala , PE
626.583.1894 / spardiwala@raftelis.com

Memo

Date: July 17, 2024
To: Olivenhain Municipal Water District Board of Directors
From: Rainy Selamat, Finance Manager
Via: Kimberly A. Thorner, General Manager
Subject: **CONSIDER ADOPTION OF AN ORDINANCE AMENDING THE OLIVENHAIN MUNICIPAL WATER DISTRICT'S ADMINISTRATIVE AND ETHICS CODE (ARTICLE 6 – REGULATIONS GOVERNING PURCHASES & SURPLUS SALES)**

Purpose

This is a housekeeping item. The purpose of this item is to consider adoption of an Ordinance to revise certain sections of Article 6 of the District's Administrative and Ethics Code that governs District procurement process to improve internal control.

Proposed changes to Article 6 were reviewed by the District's General Counsel, Alfred Smith.

Recommendation

Staff recommends adoption of this Ordinance for clarification and improvement to the existing procurement process and procedures.

Alternative

The Board could direct Staff as otherwise deemed appropriate.

Background

Article 6 was most recently updated in 2022, however, the General Manager noted inconsistencies in approval limits on professional service agreements versus public work contracts and seeks revisions to make the limit the same throughout Article 6 for consistency in administration.

Fiscal Impact

Not applicable. Proposed changes to Article 6 will ensure each purchase follows expenditures of funds within the parameter set by the Board in the budget.

Discussion

Adoption of this Ordinance will update certain sections of Article 6 of the District's Administrative and Ethics Code.

Proposed changes to Article 6 are redlined and attached to this memo for review by the Board. Staff will be available for discussion at the meeting.

Attachment:

Proposed Ordinance

ORDINANCE NO. 5XX

AN ORDINANCE OF THE BOARD OF DIRECTORS OF THE OLIVENHAIN MUNICIPAL WATER DISTRICT AMENDING THE DISTRICT'S ADMINISTRATIVE AND ETHICS CODE (*Article 6 – Regulations Governing Purchases and Surplus Sales*);

BE IT ORDAINED by the Board of Directors of Olivenhain Municipal Water District as follows:

SECTION 1: Article 6 of OMWD's Administrative and Ethics Code, Organization of Board of Directors, is hereby revised to read as shown on Exhibit A (attached).

PASSED, ADOPTED AND APPROVED at a regular meeting of the Board of Directors of the Olivenhain Municipal Water District held on July 17, 2024 by the following roll call vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Christy Guerin, President
Board of Directors
Olivenhain Municipal Water District

ATTEST:

Lawrence A. Watt, Secretary
Board of Directors
Olivenhain Municipal Water District

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	Title: REGULATIONS GOVERNING PURCHASE & SURPLUS SALES (EXCLUDING FINANCIAL INVESTMENTS)	
	Latest Revision Date September 8, 2021 <u>July 17, 2024</u>	Ordinance No. <u>5XX494</u>

ARTICLE 6. REGULATIONS GOVERNING PURCHASES & SURPLUS SALES

Sec. 6.1.A. revised by Ordinance No. 445 / November 2, 2016

Sec. 6.1. General.

- A. Each purchase shall follow the appropriate procedures identified for that type of purchase. Separate procedures have been established for the procurement of supplies, equipment, non-professional services, public works contracts, and professional services contracts.

Sec. 6.1.B. revised by Ordinance No. 494/ September 8, 2021

- B. The Board reviews and approves a budget authorizing the purchase of materials, supplies, equipment and inventory; funding for capital items and projects; professional services and the general operation of the District's potable water, recycled water, wastewater, and Elfin Forest Recreational Reserve.

A Sole Source purchase is one where there is only one vendor capable of providing a good or service making it impossible to obtain competitive bids. A Single Source purchase is one where there are multiple sources of supply but the purchase should be made from a specific vendor for particular reasons. Few situations should arise that justify Sole or Single Source procurement, and such situations must be thoroughly analyzed before determining a non-competitive environment for a purchase exists. Sole or Single Source procurement may be conducted if:

(a) the purchase item is unique or obtainable only from that vendor based on availability; (b) replaces like-in kind equipment or facilitates effective maintenance, or avoids disruption to critical processes, such as water meters, pumps and motors and online analyzers; (c) when it is in the best interest of the District, avoids start-up costs, avoids interruptions to District business or good business practices; or (d) an emergency is declared by General Manager in accordance with Section 3.2.1.

Sole or Single Source purchases shall be supported by written documentation and an approved Sole or Single Source form (hard or electronic copy) authorized by and within the General Manager or Assistant General Manager authorized limits (Sec. 6.2).

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ARTICLE 6. REGULATIONS GOVERNING PURCHASES & SURPLUS SALES

For Sole Source procurements, such documentation shall include an explanation of: **(a)** the unique nature of the requirement; **(b)** the basis upon which the District determined that there is only one known vendor able to meet the need; **(c)** the steps taken to identify potential competitors; and **(d)** the basis upon which the District determined the cost to be reasonable.

For Single Source procurements, such documentation shall include: **(a)** the circumstances leading to the selection of the vendor; **(b)** the alternatives considered; **(c)** the rationale for selecting the specific vendor; and **(d)** the basis upon which the District determined the cost to be reasonable. Examples for documenting a reasonable fair market cost for Sole Source and Single Source procurements may include, but are not limited to, market surveys, records of previous similar purchases, a comparison of product catalogs, published price lists, consulting other purchasing officials, or other factors within the District's professional expertise and experience.

Approved Sole or Single Source procurement form and documentation shall be maintained in a project or accounts payable file and held per retention policy. Final authorization of Sole and Single Source purchases will be approved according to the purchasing procedures identified for each type of purchase.

Sec 6.1.C revised by Ordinance No. 5XX/July 17, 2024

Sec. 6.1.C. revised by Ordinance No. 494/ September 8, 2021

- C. Any expenditure, contract, or purchase exceeding \$75,000 which is not provided for in the ~~annual~~ budget or appropriated by the Board of Directors will require approval ~~by from~~ the Board of Directors prior to purchase, except for expenditures deemed to be of urgent necessityan emergency by the General Manager or designee in accordance with Section 3.2.1 and Non-Discretionary Items included in Section 6.4.I Purchases (Sec. 6.4-I) and expenditures deemed to be an emergency by the General Manager in accordance with Section 3.2.1. Expenditures provided for in the ~~annual~~ budget shall be procured by the General Manager within the amount set in the budget.
- D. The General Manager shall execute all contracts on behalf of the

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ARTICLE 6. REGULATIONS GOVERNING PURCHASES & SURPLUS SALES

District with the exception of routine annual maintenance and service contracts such as office equipment and facilities maintenance which may be executed by the department manager from which the contract originated within the authorization limits and competing bidding requirements limits of Section 6.2

Sec 6.2. revised by Ordinance No. 5XX/July 17, 2024

Sec. 6.2. revised by Ordinance No. 494 / September 8, 2021

Sec. 6.2. revised by Ordinance No. 449 / May 17, 2017

Sec. 6.2. Authority Limits and Competitive Bid Requirements ~~For-~~ Supplies, Equipment, and Non-professional services.

- A. Purchases up to \$5,000 for supplies, equipment, and non-professional services shall be made at the discretion of the Department Supervisor without the need for a competitive bid.
- B. Purchases up to \$205,000 for supplies, equipment, and non-professional services shall be made at the discretion of the Department Manager through the use of a competitive bid process ~~when practical~~. At least three bids or quotes shall be ~~obtained-solicited~~ based on appropriate procedures identified for that type of purchase.
- C. Purchases up to \$3550,000 for supplies, equipment, and non-professional services shall be made through the use of a competitive bid process at the discretion of the Assistant General Manager. At least three bids or quotes must be ~~obtained-solicited~~ based on appropriate procedures identified for that type of purchase.
- D. Purchases up to \$75,000 for supplies, equipment, and non-professional services must be made through the use of a competitive bid process at the discretion of the General Manager. At least three bids or quotes must be ~~obtained-solicited~~ based on appropriate procedures identified for that type of purchase.
- E. Purchases over \$75,000 for supplies, equipment, and non-professional services will require a formal bid process, including, but not limited to, the preparation and circulation of a request for a proposal to qualified sources, as determined in the discretion of the General Manager or designee, to permit reasonable competition consistent with the nature and requirements of the proposed purchases. ~~If the supplies, equipment or non-professional service is~~

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~~not provided for in the budget, Board approval is required.~~

~~E.F. Any purchase not provided for in the budget or appropriated by the Board will require approval by the Board of Directors prior to purchase.~~

Sec 6.3. revised by Ordinance No. 5XX/July 17, 2024

Sec. 6.3. Public Work Contracts.

- A. Contractors for Public Work will be required to provide proof of insurance and other requirements according to applicable public contracting laws and regulations.
- B. Public Works Contracts for Work not exceeding \$35,000 shall be procured at the discretion of the General Manager. While not specifically required by this section, competitive quotations for public works are always encouraged and may be requested by the General Manager prior to approving the contract.
- C. Public Works Contracts for Work exceeding \$35,000 not done by Force Account. When work is not to be done by District employees ~~the District itself~~ by ~~F~~orce ~~A~~ccount, and the amount involved is \$35,000 or more, and competitive bidding of the contract is required by law, any contract for such work shall be let to the lowest responsive and responsible bidder after publication of notice inviting sealed bids in a newspaper or periodical of general circulation to be designated by the General Manager for such time as shall be fixed by law. A canvas of all bids received shall be presented by the General Manager to the Board of Directors, together with a statement of the lowest responsive bid and the General Manager's recommendation on the bidder who should receive the award. Such recommendation shall be subject to approval by the Board of Directors prior to award of the contract on which bids were received. The Board of Directors may reject any and all bids, determine that a bid is non-responsive, determine that a bidder is not responsible, or take such further action.

Sec. 6.3.D. added by Ordinance No. 494/ September 8, 2021

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ARTICLE 6. REGULATIONS GOVERNING PURCHASES & SURPLUS SALES

- D. Pre-Qualification. The General Manager is hereby authorized to prequalify bidders. Bidders may be prequalified on an annual basis or on a project specific basis. Such prequalification shall be consistent with the requirements of the California Public Contract Code.

Sec 6.4. revised by Ordinance No. 5XX/July 17, 2024

Sec. 6.4. revised by Ordinance No. 494/ September 8, 2021

Sec. 6.4. Exceptions to Competitive Bidding Requirements.

The following purchases shall not be subjected to Competitive Bid Requirements in Section 6.2~~competitive bidding policies specified in this article shall not apply in the following cases or circumstances:~~

- A. Where an emergency exists requiring completion of the work and the emergency has been declared by the General Manager in accordance with Section 3.2.1.
- B. Sole or Single Source purchases as defined in Section 6.1.BC.
- C. A ny-contract ~~not-not~~ required to be competitively bid under California law.
- D. A contract for the acquisition or disposal of any real property.
- E. A contract for the purchase of water or water rights.
- F. A contract for experimental or unique products.
- G. A professional service contract ~~contract for legal, engineering and other professional services.~~
- H. Contracts where competitive proposals or bids would be incongruous and would not result in any advantage to the District.
- I. Non-Discretionary Items – Payments to utilities, temporary employment agencies, software license renewals that support critical business activities, insurance providers, healthcare providers, national, state and local agencies that relate to regulatory or routine obligations and expenses essential to the District's ability to provide service approved in operating and capital budgets.

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ARTICLE 6. REGULATIONS GOVERNING PURCHASES & SURPLUS SALES

- J. ~~Recurring expenditures or material purchases provided for in the budget or appropriated by the Board of Directors shall be bid annually to ensure best pricing, such as: Materials in instances where the work and materials are considered critical or may be purchased regularly using a blanket purchase order. Such items shall be bid periodically but not less than biennially in order to ensure best pricing:~~

1. Asphalt and Concrete
2. Aggregate (sand, base and similar materials)
3. Treatment Chemicals
4. Laboratory Supplies and Testing Services
5. Office Supplies
6. Warehouse Supply Purchases to Maintain Established Inventory Levels within Budget

Sec 6.5. revised by Ordinance No. 5XX/July 17, 2024

Sec. 6.5. revised by Ordinance No. 494/ September 8, 2021

Sec. 6.5. Purchasing Documentation.

- A. Each purchase shall be requested and executed using the appropriate form or document. The standard purchasing forms and documents, depending on type of purchase, shall be the purchase request, purchase order, bid package, Sole or Single Source procurement form, proof of solicited bids, and service contract. Forms or documents can be submitted in hard or electronic copy. All contracts and purchase orders (electronic or hard copy) must be approved and signed by authorized individuals.
- B. Approved purchase orders will be used for most purchases over \$5,000. Exceptions include items covered by other contracts, utilities and similar services recurring professional services, water purchases, postage, expense reimbursements, newspaper ads, subscriptions, petty cash items, and other items of similar nature.

Sec 6.6. revised by Ordinance No. 5XX/July 17, 2024

Sec. 6.6. revised by Ordinance No. 494/ September 8, 2021

Sec. 6.6. Surplus Sales.

- A. Surplus items having a saleable value shall be accumulated by District personnel and may be sold at the discretion of the General

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ARTICLE 6. REGULATIONS GOVERNING PURCHASES & SURPLUS SALES

Manager or ~~his/her~~ designee. Surplus items with an estimated value in excess of \$500 for a specific category shall be appropriately advertised and either auctioned or sold on a negotiated basis depending upon the circumstances. The General Manager or ~~his/her~~ designee shall determine the method of sale and the objective shall always be to obtain the maximum benefit possible for the District. The Asset Disposal Form shall be completed on all surplus items sold or disposed of for auditing purposes. In the case of surplus property determined by the General Manager to be trash or scrap with De Minimus value, staff may dispose of the property in an appropriate manner.

- B. All applicable laws governing sales of surplus District property shall be adhered to, including restrictions on District Board Directors, employees, and/or Directors or employees' relatives receiving such property.

Sec 6.7. revised by Ordinance No. 5XX/July 17, 2024

Sec. 6.7. Delegation to General Manager.

- A. The General Manager or ~~his/her~~ designee is authorized to negotiate for and enter into both professional services or public works contracts which expenditures are provided for in the budget or appropriated by the Board of Directors~~agreements for work to be done by consultants and contractors where the project has been previously approved by the Board of Directors and funds have been appropriated or budgeted.~~ The General Manager or ~~his/her~~ designee shall comply with Authority Limits and Competitive Bid Requirements~~bidding requirements as~~ contained in Article 6 of the Administrative Code.
- B. Hydraulic analysis for subdivisions and line extensions shall be considered and, if appropriate, approved by the General Manager. The General Manager is authorized to execute the District's standard subdivision agreement with the developer or proponent.
- C. The General Manager is authorized to approve the transfer in writing of water commitments from one owner to another in accordance with Article 13, Section 13.8.K of the District's Administrative Code.

Sec 6.8. revised by Ordinance No. 5XX/July 17, 2024

Sec. 6.8. revised by Ordinance No. 494/ September 8, 2021

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ARTICLE 6. REGULATIONS GOVERNING PURCHASES & SURPLUS SALES
Sec. 6.8. Regulations Governing Change Orders for District Contracts for the Construction of Public Works.

The General Manager shall have certain authority for the signing of change orders governing District contracts for Construction of Public Works. This authority shall extend only to projects that have Board approved appropriations in sufficient amounts to cover the costs of the change order(s). Change orders shall be presented to the Board of Directors at the earliest opportunity for their information and/or approval.

- A. Change orders less than \$75,000 may be approved and signed at the discretion of the General Manager.
- B. Change orders totaling more than \$75,000 per contract shall be reviewed and approved by the Board of Directors.

~~C. Construction Change Orders decreasing the contract value or No-Cost Construction Change Orders may be executed by the Department Manager.~~

Sec 6.9. revised by Ordinance No. 5XX/July 17, 2024

Sec. 6.9. revised by Ordinance No. 494/ September 8, 2021

Sec. 6.9. Professional Service Contracts Selection Policy

Professional service providers are those entities that provide advice, opinions, technical expertise, general and administrative services to support the District's potable water, recycled water, wastewater, and Elfin Forest Recreational Reserve operations. Examples of professional service providers include attorneys, accountants, financial consultants, banking services, invoice processing and bill pay providers, public relations professionals, educational trainers, engineers, surveyors, material and special inspectors/testers, construction managers, realtors, right-of-way service providers, landscape service providers, information technology specialists, etc. Depending upon the trade, these individuals may or may not hold professional licenses.

- A. For professional service contracts that are anticipated to be less than \$200,000, staff shall provide written or oral Requests for Proposals (RFPs) to at least two firms. A short form RFP is acceptable. No rating/interview panel is required. Approval criteria shall include, but not be limited to, experience, expertise, availability and qualifications

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of consultants~~/~~staff, completeness and responsiveness of proposal, and cost.

B. For professional service contracts that are anticipated to exceed \$200,000, staff shall request proposals in writing to at least three firms. A detailed RFP shall be used. An in-house panel shall be established for rating/interviewing and shall consist of at least one person from a different department than the one conducting the detailed RFP process. The in-house panel may conduct interviews at the discretion of the department manager for the department conducting the detailed RFP process. Approval criteria shall include, but not be limited to, experience, expertise, availability and qualifications of consultants~~/~~ staff, completeness and responsiveness of proposal, and cost.

C. Where it is apparent that an RFP process would be incongruous and would not result in an advantage to the District, an exception to the foregoing processes may be granted. Exceptions may include where the staff is looking for a particular skill or ability, or where a consultant is already providing current services for the District and there would be economies and efficiencies of scale by continuing with the consultant. Emergencies are also exempt~~ed~~ from the RFP process. Staff shall consult with the General Manager and designee prior to commencing the selection process in order to review if the exception to the standard procedures is warranted.

~~D. Authority Limits and Amendment Requirement.~~

- ~~1. Purchases up to \$5,000 for professional services and amendments shall be made at the discretion of the Department Supervisor.—~~
- ~~2. Purchases up to \$25,000 for professional services and amendments shall be made at the discretion of the Department Manager.—~~
- ~~3. Purchases up to \$50,000 for professional services and amendments at the discretion of the Assistant General Manager.~~
- ~~4. Purchases up to \$75,000 for professional services and amendments at the discretion of the General Manager.~~
- ~~5. Purchases over \$75,000 for professional services and amendments not provided for in the budget, Board approval is required.~~

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ARTICLE 6. REGULATIONS GOVERNING PURCHASES & SURPLUS SALES

Sec 6.10. added by Ordinance No. 5XX/July 17, 2024

Sec. 6.10. Regulations Governing Request for Additional Work for Professional Service Agreements

The General Manager shall have certain authority for the signing of Request for Additional Work governing District professional service agreements. This authority shall extend only to professional service agreements that have Board approved appropriations in sufficient amount to cover the costs of the Request for Additional Work. Request for Additional Work shall be presented to the Board of Directors at the earliest opportunity for their information and/or approval.

A. Request for Additional Work less than \$75,000 may be approved and signed at the discretion of the General Manager.

B. Request for Additional Work more than \$75,000 per professional service agreement shall be reviewed and approved by the Board of Directors.

Memo

Date: July 17, 2024
To: Olivenhain Municipal Water District Board of Directors
From: Leo Mendez, Accounting Supervisor
Rainy Selamat, Finance Manager
Via: Kimberly A. Thorner, General Manager
Subject: **CONSIDER SETTING A TIME AND PLACE FOR A PUBLIC HEARING TO
CONSIDER IMPLEMENTATION OF PHASE TWO OF THE 5 YEAR PHASE-IN
PROGRAM OF THE OLIVENHAIN MUNICIPAL WATER DISTRICT'S WATER
CAPACITY FEES FOR 2024 (AUGUST 14, 2024 – 5:30 P.M.)**

Purpose

Staff is requesting the Board consider setting a time and place for a public hearing to consider water capacity fees for 2024 as recommended for phase 2 of the five-year-phase-in program in the attached 2023 Water Capacity Fee Study Report (Report).

Recommendation

Staff recommends setting a time and place for the public hearing to be August 14, 2024, at 5:30 p.m. at the District's office. Notification of the public hearing will be posted in

the Union Tribune newspaper prior to the meeting and Building Industry Association (BIA) will be notified in advance per their standing request with OMWD.

The proposed increases, which is phase two of the five-year phase-in recommended in the Report are as follows:

Comparison (3/4 inch meter)	Current	Proposed Adjustment	Proposed Fee	\$ Difference
Zone A	\$ 17,254	7% + 1.2% ENR Adj.*	\$ 18,603	\$ 1,349
Zone B	\$ 11,778	1.8% + 1.2% ENR Adj.	\$ 12,130	\$ 352
Zone C	\$ 12,232	3.8% + 1.2% ENR Adj.	\$ 12,832	\$ 600
Zone D	\$ 24,665	1.2% ENR Adj.	\$ 24,961	\$ 296
Zone E	\$ 12,476	4.4% + 1.2% ENR Adj.	\$ 13,158	\$ 682

*ENR Adjustment is based on an increase of 1.2% using the Engineering News-Record Construction Cost Index for Los Angeles from June 2023 to June 2024

Alternatives

The purpose of this item is to set a public hearing for 2024 Water Capacity Fees. The Board may choose to delay the public hearing and instruct staff to do otherwise, or to not increase OMWD's water capacity fees following the public hearing in August.

Background

A capacity fee is a one-time fee assessed by the District to new users to pay for their share of costs to construct required facilities to provide services to their respective area (zone of benefit). Revenues generated from capacity fees are used by the District to reimburse existing rate payers (through lower rates and charges) for existing water infrastructure in the District and to pay for facilities included in the District's water capital improvement program included in its ten-year planned capital expenditures.

In accordance with Article 13 (Policy for District Facilities), the District evaluates capacity fees on an annual basis to determine if appropriate funds are being collected to fund necessary capital expansion, replacement, and betterment projects. The District's assets are divided into five zones of benefit for current assets and capital expansion projects and capacity fees are collected by Zone of Benefit.

In 2023, Raftelis Financial Consultants completed the District's 2023 Water Capacity Fee Study to: 1) ensure the District's current capacity fees are adequate in keeping up with rising cost increases in construction and 2) ensure that the District's capacity fees are equitable across all zones of benefit. The attached Report includes details of the methodology and calculations used to determine the water capacity fees using the capacity buy-in method for the different zones of benefit.

The results of the study were presented and discussed with the Board and a five-year phase in and ENR-CCI adjustment was selected by the Board at the May 2023 meeting. Due to the significant changes to the capacity fees in Zone A, C and E, the Board decided to phase in the increases over five years to help mitigate the impacts to new users while continuing to use the ENR-CCI adjustment for an annual inflationary adjustment for consistency with Article 13 of the District's Administrative and Ethics Code.

Fiscal Impact

The District is currently estimated at 95% build-out with about 1,136 Equivalent Dwelling Units (EDUs) remaining until complete build-out in 2050. Not increasing the capacity fees as recommended in the Report would result in a total estimated revenue loss of approximately \$2.9 million until build-out.

Delaying increases to the District's capacity fees will increase the burden on existing water users for capital costs of replacing and refurbishing the District's water infrastructure.

Discussion

The purpose of the Public Hearing is to receive comments from interested parties regarding the proposed increases to OMWD's water capacity fees for 2024, shown on the above table. A copy of the 2023 Water Capacity Fee Report prepared by Raftelis Financial Consultants is attached. Staff will be available to answer any questions.

Attachments:

Attachment 1 – Water Capacity Study Report (Raftelis)

Olivenhain Municipal Water District

Water Capacity Fee Study

June 14, 2023



June 14, 2023

Ms. Kimberly Thorner
Ms. Rainy Selamat
Finance Manager
Olivenhain Municipal Water District
1966 Olivenhain Road
Encinitas, CA 92024

Subject: Water Capacity Fee Study

Dear Ms. Thorner,

Raftelis is pleased to provide this Water Capacity Fee Report (Report) to Olivenhain Municipal Water District (District). This Report details the methodology and calculations used to determine the water capacity fee.

We have calculated fees for ultimate buildout conditions under the capacity buy-in method for the different zones in the District. There are significant changes to existing water capacity fees based on detailed review of the assets used in the different zones.

It has been a pleasure working with District Staff and we thank Leo Mendez, Rainy Selamat, and Lindsey Stephenson, for the support provided during this Study.

Sincerely,

Raftelis

Sudhir Pardiwala
Executive Vice President

Sarah Wingfield
Associate Consultant

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Glossary of Terms

Buy-in method – An approach to determining capacity fees based on the value of the existing system's capacity. This method is typically used when the existing system has sufficient capacity to serve new development; may also be used in conjunction with the incremental cost method resulting in the hybrid approach. There are two approaches under the buy-in method. The first is based on the existing demand in the system and called Equity buy-in, the second is **Capacity buy-in or System buy-in** where the value is based on the total capacity of the system. This results typically in a lower capacity fee as the system capacity is typically more than the demand of the existing users.

Capacity – The water utility's ability to have a certain quantity or level of resources available to meet the water service needs of its customers. Including quantity, quality, peak loads, and other service requirements of the various customers or classes of customers served by the utility.

Capacity fee – A contribution of capital toward existing or planned future facilities necessary to meet the service needs of new customers to which such fees apply. Three methods used to determine the amount of these charges are the buy-in method, the incremental cost method, and the hybrid approach which includes elements of the first two methods. Various terms are used to describe these charges in the industry, but these charges are intended to provide funds to be used to finance all or part of capital improvements necessary to serve new customers.

Contribution in aid of construction (CIAC) – Any amount of money, services, or property received by a water utility from any person or developer or governmental agency that is provided at no cost to the utility.

Debt – An obligation resulting from the borrowing of money or from the purchase of goods and services for the purpose of constructing utility long-lived fixed assets.

Debt service – The amounts of money necessary to pay interest and principal requirements for a given series of years.

Depreciation – The loss in service value not restored by current maintenance as applied to depreciable plant facilities. Depreciation is incurred in connection with the consumption or prospective retirement of plant facilities in the course of providing service. This depreciation is the result of causes known to be in current operation and against which the utility is not protected by insurance. Among the causes are wear and tear, decay, action of the elements, inadequacy, obsolescence, changes in technology, changes in demand, and requirements of public authorities. The proper level of depreciation expense at any given time should be based on the costs of depreciable plant in service. The funds resulting from depreciation are available for replacements, improvements, expansion of the system, or for repayment of the principal portion of outstanding debt.

Equivalent dwelling unit – a single family unit is typically defined as an equivalent dwelling unit (EDU). For water service the standard meter is considered to be one EDU. For the District, the standard meter size for single family residential connections is $\frac{3}{4}$ -inch.

Equivalent meter- ratio – The ratio of the cost of investment in larger meters and services to those of a base meter size, such as the $\frac{3}{4}$ -inch meter typically used for residential customers.

Incremental cost method – An approach to determining capacity fees based on the value or cost to expand the existing system's capacity. This method is typically used when the existing system has limited or no capacity to serve

new development and new or incremental facilities are needed to serve new development now and into the future; may also be used in conjunction with the buy-in method resulting in the combined cost approach.

Hybrid approach – An approach to determining capacity fees based on a blended value of both the existing and expanded system's capacity. This method is typically used where some capacity is available in parts of the existing system (e.g., source of supply), but new or incremental capacity will need to be built in other parts (e.g., treatment plant) to serve new development at some point in the future; a combination of the buy-in and incremental cost approaches.

Original cost – The cost at which an asset is purchased, also called book value.

Replacement cost – The current cost of replacing an asset. Typically, an asset purchased years ago will cost more to replace now because of inflation. One method of determining the current value of an asset is by using inflation factors. The Engineering News-Record Construction Cost Index is widely used to determine current value.

Replacement cost less depreciation – is the depreciated value of the replacement cost. Since the current users have used the asset, it is no longer new and this cost represents a better value of the asset than the new cost.

Unit of service – An element of service for which a cost can be ascertained, such as EDUs, thousand gallons, hundred cubic feet, million gallons per day, etc.

1. Executive Summary

In Spring 2022, the Olivenhain Municipal Water District (District) engaged Raftelis to conduct an analysis of its water capacity fees and to document this analysis in a written report. This Water Capacity Fee Study Report (Report) supersedes the 2011 Water Capacity Fee Study and provides a detailed summary of our analysis in which we determined updated water capacity fees in accordance with Government Code Section 66013. The results of this study are independent of prior studies. The analysis presented in this report utilizes the capacity buy-in method to calculate the water capacity fees. Proposed capacity fees for water are based on meter size for all customers. Numbers shown in all the tables of this report are rounded; therefore, hand calculations based on the displayed numbers, such as summing or multiplying, may not equal the exact results shown.

1.1. Background of the Study

The District provides water services to a population of approximately 87,000 in Encinitas, Carlsbad, San Diego, Solana Beach, and neighboring communities. The District is a member of the San Diego County Water Authority (SDCWA), from which it purchases all of its potable water supply. The District also provides recycled water to its customers. Recycled water is produced at the District's water reclamation facility or purchased from the City of San Diego, Santa Fe Valley Community Services District, Vallecitos Water District, and the San Elijo Joint Powers Authority. The District's water system is nearly built-out and can accommodate new connections resulting from the projected minimal growth. The water system comprises approximately 466 miles of pipe ranging from 0.5-48 inches in diameter, 1 potable water treatment plant, 1 water reclamation facility, 18 reservoirs, and 10 pump stations. The District is considering investing in local water supply projects such as the San Dieguito Valley Groundwater project and will continue to expand its Recycled Water System to reduce its reliance on imported water from SDCWA. The District's other capital improvement programs mainly consist of betterment and replacement of its water infrastructures.

Capacity fees are one-time fees assessed by the District to new users as a condition of establishing a new connection to the District's water system or at the expansion of an already existing connection. The capacity fee requires new users, to pay for their share of costs to construct facilities required to provide their utility service, or, in the case of increased density, their increase of intensity use. Revenues generated through capacity fees are used to finance costs associated with the water facilities required to serve customers in their zones of benefits. These fees are designed to be proportional to the demand placed on the system by the new or expanded connection. The primary objective of establishing a capacity fee is to provide an equitable means by which new system users (or existing customers requiring additional capacity) may contribute their fair-share towards the costs associated with the water facilities required to serve them. This way, capacity fee revenues in effect, reimburse existing users (through lower rates) for costs they have incurred to build and maintain capacity for new users in their zones of benefits. The recommended capacity fees for the service area do not exceed the estimated reasonable costs of providing the facilities for which they are collected and are of proportional benefit to the property being charged.

In accordance with the District's Administrative and Ethics Code, the District evaluates capacity fees on annual basis to determine if appropriate funds are being collected to pay for necessary future capital and replacement projects and updates the fees to present value using the Engineering News Record Construction Cost Index for Los Angeles (ENR-CCI-LA).

The District retained Raftelis to assist in updating the 2011 Water Capacity Fee Study. The purpose of this update is to:

- Update existing water capacity fees, which includes:
 - Assessing the methodology of calculating the fees by meter size and the Zone of Benefit. A map showing the Zone of Benefit is included in **Figure 1-1**
 - Adding additional assets and depreciation since 2011 (when the last capacity fee study was completed).
 - Update asset valuations to fiscal year 2021/22 dollars.
 - Review existing and future equivalent dwelling units (EDUs).
 - Update calculated pipeline replacement costs based on:
 - Revised lineal feet of pipelines based on the District's latest GIS data.
 - Cost per inch per lineal foot, based on the midpoint of recent pipeline constructions bids.
 - Review fiscal year 2022/23 water capital improvement projects.

- Validate the methodology of calculating and assessing the fees by Zone of Benefit.

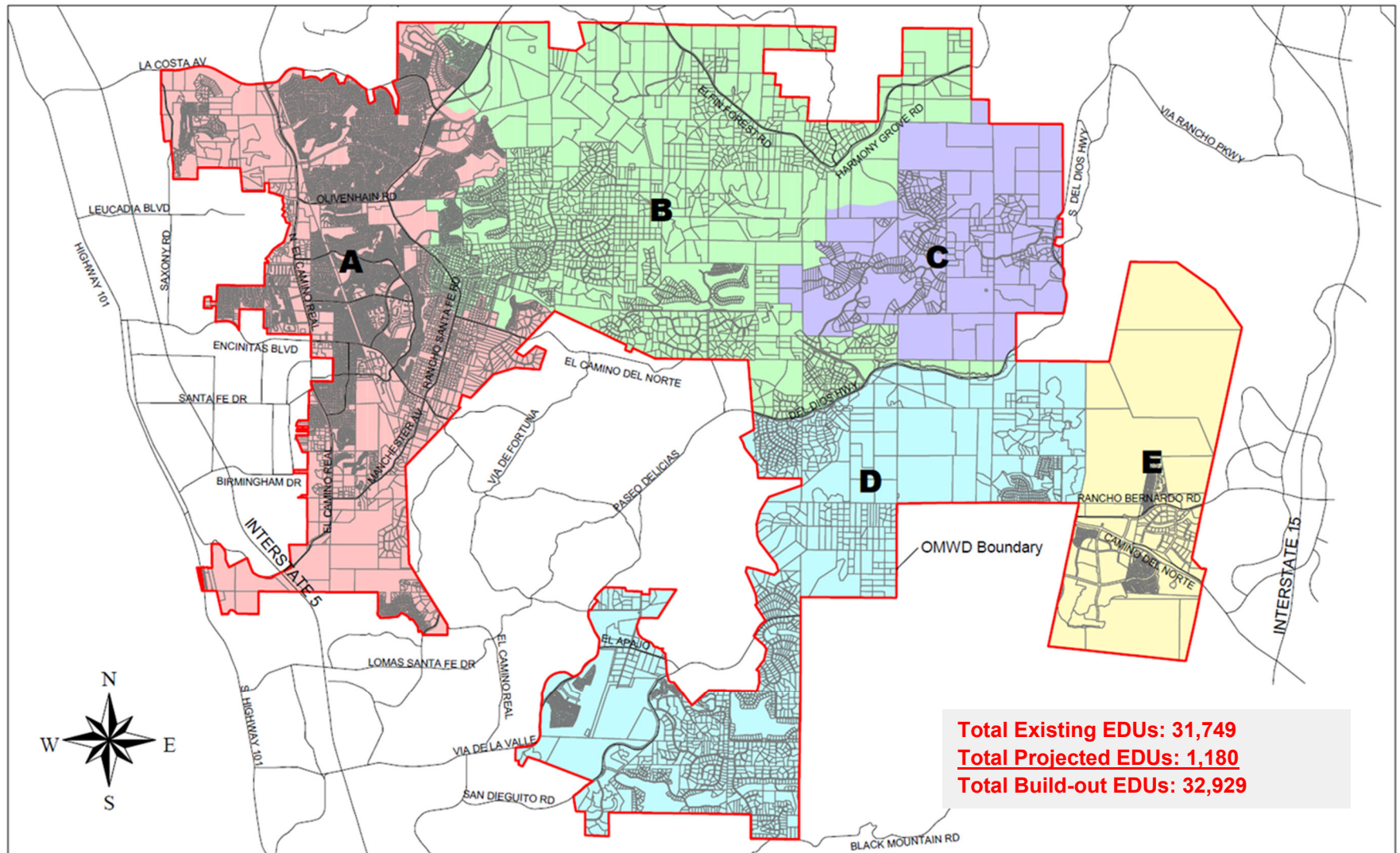
1.2. Current Water Capacity Fees

Table 1-1 shows the District's current water capacity fees by zone and meter size. The current capacity fee schedule was developed in 2011 and has annually adjusted with inflation as measured by the Engineering News-Record Construction Cost Index (CCI) for Los Angeles.

Table 1-1: Current Water Capacity Fees by Zone

Meter Size	Zone A	Zone B	Zone C	Zone D	Zone E
5/8 inch	\$11,288	\$8,099	\$8,248	\$17,093	\$8,365
3/4 inch	\$16,126	\$11,570	\$11,785	\$24,421	\$11,951
1 inch	\$30,640	\$21,986	\$22,395	\$46,400	\$22,709
1-1/2 inch	\$49,993	\$35,875	\$36,540	\$75,708	\$37,053
2 inch	\$80,637	\$57,864	\$58,938	\$122,112	\$59,765
3 inch	\$164,500	\$118,045	\$120,237	\$249,108	\$121,924
4 inch	\$275,779	\$197,900	\$201,576	\$417,625	\$204,405
6 inch	\$580,592	\$416,634	\$424,371	\$879,214	\$430,326
8 inch	\$1,048,294	\$752,257	\$766,227	\$1,587,472	\$776,979

Figure 1-1 Zones of Benefit



1.3. Calculated Water Capacity Fees

The methodology used in this study to calculate water capacity fees is consistent with industry standards and practiced widely by water utilities in the country. **Table 1-2** shows the calculated water capacity fees schedule for a ¾-inch meter. **Table 1-3** shows the capital facility fees for the different meter sizes. The District is no longer installing new 5/8-inch connections. Therefore, calculated water capacity fee for a 5/8-inch meter by Zone of Benefit is not included and shown in the table below.

Table 1-2: Calculated Water Capacity Fees by Zone Compared to Current for CY 2023

Comparison (a ¾-inch meter)	Current	Calculated	Difference (\$)	Difference (%)
Zone A	\$16,126	\$21,700	\$5,574	35%
Zone B	\$11,570	\$12,570	\$1,000	9%
Zone C	\$11,785	\$14,004	\$2,219	19%
Zone D	\$24,421	\$24,764	\$343	1%
Zone E	\$11,951	\$14,612	\$2,660	22%

Table 1-3: Calculated Water Capacity Fees by Meter Size by Zone

Meter Size	Zone A	Zone B	Zone C	Zone D	Zone E
5/8 inch	N/A	N/A	N/A	N/A	N/A
3/4 inch	\$21,700	\$12,570	\$14,004	\$24,764	\$14,612
1 inch	\$41,231	\$23,884	\$26,608	\$47,052	\$27,762
1-1/2 inch	\$67,272	\$38,968	\$43,412	\$76,768	\$45,297
2 inch	\$108,502	\$62,852	\$70,020	\$123,820	\$73,059
3 inch	\$221,345	\$128,217	\$142,840	\$252,593	\$149,041
4 inch	\$371,078	\$214,953	\$239,468	\$423,465	\$249,862
6 inch	\$781,218	\$452,532	\$504,143	\$891,504	\$526,025
8 inch	\$1,410,532	\$817,072	\$910,257	\$1,609,661	\$949,768

Since the Calculated Water Capacity Fees shown in the above tables show significant increases compared to the current water capacity fees for Zones A, C, and E, the District is considering to phase in these increases over five years and adjusting the fees through 2027 by the percentages shown in **Table 1-4**.

Table 1-4: Proposed Calculated Water Capacity Fees for a ¾" Meter

	2023	2024	2025	2026	2027
Zone A	7.0%	7% + ENR Adj. ¹	7% + ENR Adj.	7% + ENR Adj.	7% + ENR Adj.
Zone B	1.8%	1.8% + ENR Adj.	1.8% + ENR Adj.	1.8% + ENR Adj.	1.8% + ENR Adj.
Zone C	3.8%	3.8% + ENR Adj.	3.8% + ENR Adj.	3.8% + ENR Adj.	3.8% + ENR Adj.
Zone D	1.0%	ENR Adj.	ENR Adj.	ENR Adj.	ENR Adj.
Zone E	4.4%	4.4% + ENR Adj.	4.4% + ENR Adj.	4.4% + ENR Adj.	4.4% + ENR Adj.

¹ ENR Adjustment is based on Engineering News-Record Construction Cost Index for the City of Los Angeles.

Both current and calculated water capacity fees for larger meters will be proportionately higher based on the hydraulic capacity of the meters as shown in **Table 1-5** and are described further in section 3.4

Table 1-5: Hydraulic Capacity of Meters to Calculate Fees for Larger Meters

Meter Size	Meter Ratio
3/4 inch	1.00
1 inch	1.90
1-1/2 inch	3.10
2 inch	5.00
3 inch	10.20
4 inch	17.10
6 inch	36.00
8 inch	65.00

1.4. Economic and Legal Framework

1.4.1. ECONOMIC FRAMEWORK

For publicly owned systems, most of the assets are typically paid for by the contributions of existing customers through rates, charges, securing debt, and taxes. In service areas that incorporate new customers, the infrastructure developed by previous customers is generally extended towards the service of new customers. Existing customers' investment in the existing system capacity allows newly connecting customers to take advantage of unused surplus capacity. New connectors typically "Buy-In" the existing and pre-funded facilities to establish economic equality among new and existing customers, putting them on par with existing customers. In other words, the new users are buying into the existing system based on the replacement costs of existing assets to continue providing the same service level to new customers through repairs, expansions, and upgrades to the system.

The basic economic philosophy behind capacity fees is that the costs of providing service should be paid for by those that receive utility from the product. To effect fair distribution of the value of the system, the charge should reflect a reasonable estimate of the cost of providing capacity to new users and not unduly burden existing users through a rate increase. Accordingly, many utilities make this philosophy one of their primary guiding principles when developing their capacity fee structure.

The philosophy that service should be paid for by those that receive utility from the product is often referred to as "growth-should-pay-for-growth." The principal is summarized in the American Water Works Association (AWWA) Manual M26: *Water Rates and Related Charges*:

"The purpose of designing customer-contributed-capital system charges is to prevent or reduce the inequity to existing customers that results when these customers must pay the increase in water rates that are needed to pay for added plant costs for new customers. Contributed capital reduces the need for new outside sources of capital, which ordinarily has been serviced from the revenue stream. Under a system of contributed capital, many water utilities are able to finance required facilities by use of a 'growth-pays-for-growth' policy."

This principle, in general, applies to water, wastewater, and storm drainage systems. In the excerpt above, customer-contributed-capital system charges are equivalent to capacity fees.

1.4.2. LEGAL FRAMEWORK AND CALIFORNIA REQUIREMENTS

In establishing capacity fees, it is vital to understand and comply with local laws and regulations governing the establishment, calculation, and implementation of capacity fees. The following sections summarize the regulations applicable to developing capacity fees for the District.

Capacity fees must be established based on a reasonable relationship to the needs and benefits of additional development or expansion. Courts have long used a standard of reasonableness to evaluate the legality of development charges. The basic statutory standards governing capacity fees are embodied by California Government Code Sections 66013, 66016, 66022, and 66023. Government Code Section 66013 contains requirements specific to determining utility development charges:

“Notwithstanding any other provision of law, when a local agency imposes fees for water connections or sewer connections, or imposes capacity charges, those fees or charges shall not exceed the estimated reasonable cost of providing the service for which the fee or charge is imposed, unless a question regarding the amount the fee or charge in excess of the estimated reasonable cost of providing the services or materials is submitted to, and approved by, a popular vote of two-thirds of those electors voting on the issue.”

Section 66013 also includes the following general requirements:

- Local agencies must follow a process set forth in the law, making certain determinations regarding the purpose and use of the charge; they must establish a nexus or relationship between a development project and the public improvement being financed with the charge.
- The capacity charge revenue must be segregated from the General Fund in order to avoid commingling of capacity fees and the General Fund.

2. Methodology Overview

A capital facility fee is generally a one-time charge paid by a new water system customer for the cost of facilities necessary to provide water system capacity to that new customer. However, it is also assessed to existing customers requiring increased water system capacity. Revenues generated by this charge are used to pay for water facilities needed to serve new customers.

2.1. Capacity Fee Methodologies

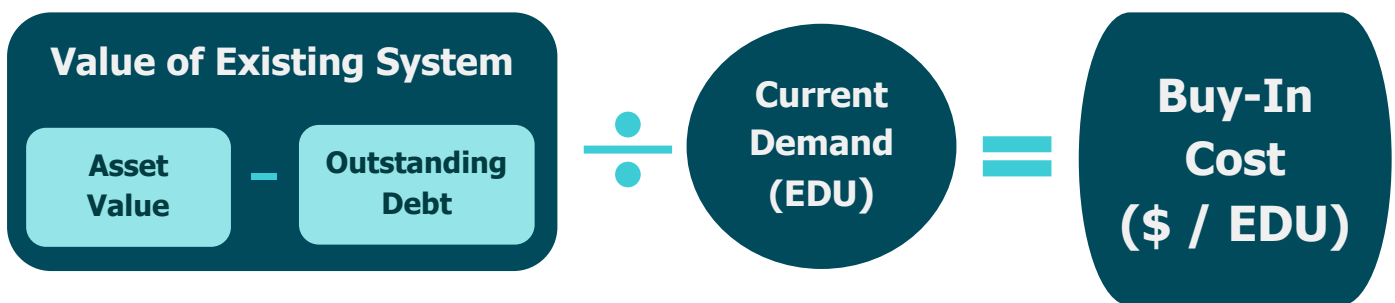
There are several methodologies for calculating capacity fees. The various approaches have largely evolved on the basis of changing public policy, legal requirements, and the unique and special circumstances of every local agency. However, there are two general approaches that are widely accepted and appropriate for water capacity fees.

2.1.1. EQUITY BUY-IN APPROACH

The equity buy-in method focuses on total value and current demand of the existing system. This method is utilized when existing users have developed and maintained a utility system that can accommodate further growth. Since existing customers have already financed the costs associated with developing the current system, new customers will pay their respective portion of the net investment. The net equity investment, or value of the existing system, is then divided by the current demand of the system to determine the buy-in cost per unit of capacity (UOC). For water systems, a unit of capacity is generally an equivalent dwelling unit (EDU) typically measured by the standard single family meter size.

For example, if the current system has 1,000 units of usage in a typical year and the new connection would average an additional equivalent unit of usage, the new connection will cost 1/1000 of the total value of the existing system. By following this method, the new customer has bought into the current system by paying their portion of the overall system based on their strain or capacity access of the system. This places them in an equal financial position to the pre-existing customers. The process for this method is shown in **Figure 2-1**.

Figure 2-1: Equity Buy-In Method

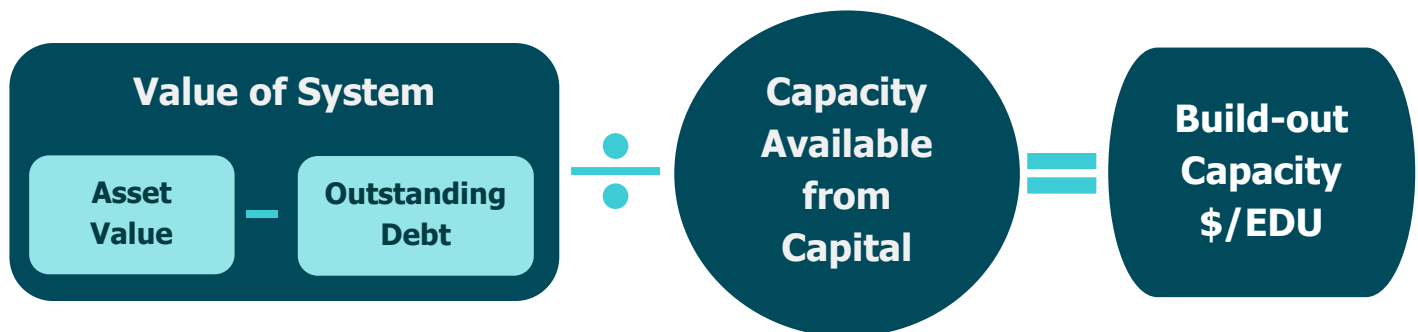


As shown, the value of the system typically includes asset value less any outstanding debt principal. Likewise, debt obligations are secured by the value of the system and used to pay for the assets of the system. Once the value of the existing system is determined, this is divided by the current demand (EDUs) and the buy-in cost is determined for various connection types.

2.1.2. CAPACITY BUY-IN APPROACH

The capacity buy-in approach is based on the same premise as that for the equity buy-in approach – that new customers share in the system costs with existing customers. The difference between the two approaches is that for the capacity buy-in approach, for each major asset, the value is divided by its capacity. This approach has a major challenge as determining the capacity of each major asset is problematic, as the system is designed for peak use and customer behavior fluctuates based on economics and water conservation. **Figure 2-2** illustrates the framework for calculating the capacity buy-in fee. In this case, the capacity at build-out is used to address the challenge of determining the capacity of the assets.

Figure 2-2: Capacity Buy-In Method

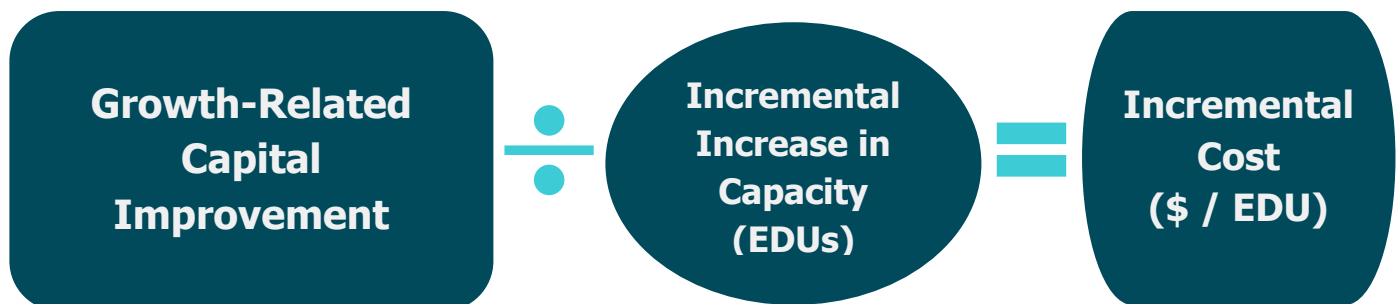


2.1.3. INCREMENTAL COST APPROACH

The incremental method is based on the premise that new development (new users) should pay for the additional capacity and expansions necessary to serve the new development. This method is typically used where there is little or no capacity available to accommodate growth and expansion is needed to service the new development. Under the incremental method, growth-related capital improvements are allocated to new development based on their estimated usage or capacity requirements, irrespective of the value of past investments made by existing customers.

For instance, if it costs X dollars (\$X) to provide 100 additional units of capacity for average usage and a new connector uses one of those units of capacity, then the new user would pay \$X/100 to connect to the system. In other words, new customers pay the incremental cost of capacity. As with the equity buy-in approach, new connectors will effectively acquire a financial position that is on par with existing customers. Use of this method is considered to be most appropriate when a significant portion of the capacity required to serve new customers must be provided by the construction of new facilities. **Figure 2-3** shows the framework for calculating the incremental cost fee.

Figure 2-3: Incremental Cost Method

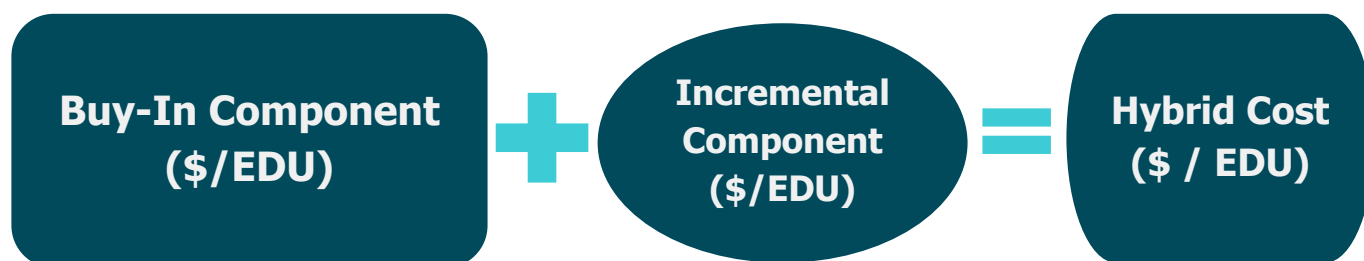


2.1.4. HYBRID APPROACH

The hybrid approach is typically used where some capacity is available to serve new growth, but additional expansion is still necessary to accommodate new development. Under the hybrid approach the capacity fee is based on the summation of the existing capacity and any necessary expansions.

In utilizing this methodology, it is important that system asset costs are not double counted when combining costs of the existing system with future costs from expanding the system. Asset costs that are included in the incremental costs should be excluded from the existing system. Capital Improvement Program (CIP). CIP costs that expand system capacity to serve future customers may be included proportionally to the percentage of the cost specifically required for expansion of the system. **Figure 2-4** summarizes the framework for calculating the hybrid capacity fee.

Figure 2-4: Hybrid Approach



2.1.5. RECOMMENDED METHODOLOGY

The District staff anticipates minimum future growth since the District is at about 95% build-out. Therefore, the system is mainly built out. As a result, Raftelis recommends the capacity buy-in approach for the calculation of the capacity. Under this approach, the buildout capacity that is expected is used as the denominator to determine the capacity fee.

2.2. Asset Valuation Options

Four principal methods are used to estimate the asset value of existing facilities: original cost (OC), replacement cost (RC), original cost less depreciation (OCLD), and replacement cost new less depreciation (RCLD).

2.2.1. ORIGINAL COST

The principal advantages of original cost valuation are relative simplicity and stability since the recorded costs of fixed assets are held constant. The major criticism levied against OC is the disregard of changes in the time value of money, and future capital costs, which are attributable to inflation and other factors. History shows that prices tend to increase rather than remain constant or decrease. This situation may be exacerbated since most water and sewer systems are developed over time on a piecemeal basis as demanded by the customer base and service area growth. Consequently, each asset addition is paid for with dollars of different purchasing power. When these outlays are added together to obtain a plant value, the result can be misleading. Additionally, the original cost does not account for the depreciation of facilities and other assets as they age which may not be representative of the state of the systems. We discuss depreciation in further detail below.

2.2.2. REPLACEMENT COST

Changes in the value of assets over time, represented by general inflation, are recognized by the replacement cost valuation. The replacement cost represents the cost of duplicating the existing water facilities (or duplicating their functions) in current dollars. Unlike the original cost approach, the replacement cost approach recognizes price level changes that have occurred since plant construction and subsequent investments. The most accurate replacement cost valuation requires a physical inventory and appraisal of the utility facilities in terms of their replacement costs at the time of valuation. However, with original cost records available, a reasonable approximation of replacement cost value can be easily derived by trending historical original costs. This approach employs the use of cost indices to express actual capital investment by the utility in current dollars. An obvious advantage of the RC approach is that it accounts for changes in the value of money over time. However, just like the original cost, it does not account for the depreciation of facilities and system assets.

2.2.3. ORIGINAL COST LESS DEPRECIATION

The current value of water facilities is also materially impacted by the effects of age. All assets have estimated useful lives, which vary by type. For example, pumps may have a 20-year life, buildings 50 years, and pipelines 50 to 100 years. Each year an asset is devalued by the fraction of its useful life to original cost. This is referred to as *straight line* or linear depreciation. At the end of an asset's useful life, it is worth zero dollars on paper, though it may still be in service. Depreciation accounts for estimated devaluation in system assets caused by wear and tear, decay, inadequacy, and obsolescence. Original cost valuation can be expressed as net of depreciation to yield the appropriate recognition of the effects of depreciation on existing water and sewer systems. Accumulated depreciation is computed for each asset and deducts losses in valuation based on age or condition from the respective total original cost.

2.2.4. REPLACEMENT COST LESS DEPRECIATION (RCLD)

The RCLD is identical to the original cost less depreciation valuation method, except that asset cost and asset depreciation are in today's dollars rather than the value of the dollar when the asset was placed in service. Original cost and depreciation are inflated using historical indices. Replacement cost depreciation is then subtracted from the replacement cost new of the asset to yield replacement cost less depreciation. RCLD allows for an accounting of system assets in present value while also accounting for proportional devaluation via depreciation.

2.2.5. RECOMMENDED ASSET VALUATION METHOD

Raftelis recommends using the RCLD method to account for today's replacement cost for system improvements while acknowledging the remaining useful life of the system facilities. This is the standard widely used in industry to compute capacity fees. Several factors were reviewed with District staff regarding the system assets, including age of the assets and availability of detailed records. The District provided records of their asset list as of the end of Fiscal Year 2020, which Raftelis utilized to calculate the RCLD value of the system. A complete list of these assets can be found in **Appendix B** and **Appendix C**. Replacement cost was estimated by escalating the original cost to what the current day replacement cost would be. This was accomplished by applying the Engineering News-Record's 20-City Construction Cost Index, shown in **Appendix D**. The depreciation cost was calculated by using a straight-line method of depreciation. This amount was then subtracted from the replacement cost to arrive at the RCLD amounts from the water asset list provided. Pipeline costs have increased significantly and the District obtained quotes on replacing pipelines. These costs were used to value the RCLD of existing pipelines.

3. Proposed Capacity Fees

This section calculates the capacity fees for each zone of benefit. The capacity fee is calculated by dividing the allocated system value in each zone is divided by the current demand on the system in each zone. The system demand in each zone is measured on a per equivalent dwelling unit (EDU) basis. One ¾-in meter represents one EDU. The EDUs for other meters are shown in **Table 3-5** below based on the hydraulic capacity of each meter under the current system. The per EDU amount will then be distributed across the different meter sizes to determine the proposed water capacity fee.

3.1. Buy-In System Value

The initial step in the capacity buy-in method is to determine the value of the water system. Contribution in aid of construction (CIAC) is excluded in determining the value of the water system used for the calculated water capacity fee in this report. Raftelis included outstanding debt principal when calculating the system's value. The asset cost basis for determining the buy-in component of the capacity fee is the RCLD, which estimates the replacement cost reflecting the remaining depreciable life of the facility. System asset data were available through the end of FY 2022. Recycled water assets are included in the valuation of system due to the fact that potable water customers benefit from recycled water facilities as recycled water offsets potable water use and the need for more expensive potable water sources. Recycled water customers also benefit from potable water when recycled water may not be available and pay the same capacity fee developed in this Study. The RCLD is based on the original asset cost adjusted to current costs based on a ratio of the Engineering News-Record, Construction Cost Index (CCI) for Los Angeles, March 2022 to the CCI for the construction year. Pipeline replacement costs are based on District's most recent publicly bid pipeline projects, range from \$55 to \$85 per inch-diameter per foot of length². This study uses an average of \$67 per foot cost to estimate pipeline costs. This replacement cost is adjusted to account for estimated accumulated depreciation through FY 2022. CIAC or contributed assets are excluded in the total net asset value.

Table 3-1 shows the adjusted system value. The adjusted system value reflects the current customers' equity or debt-free investment position. Since new customers, through payment of the general water service rates, would be covering the capital carrying costs of the existing plant, the outstanding debt principal is subtracted from the RCLD Asset Value. Assets in Zone B benefit the whole district and are termed "Base" assets. The assets in each zone are totaled as shown below.

² OMWD Long-term Budgeting for Pipeline Replacement, DRAFT version, May 2023, HDR

Table 3-1: Buy-in Component System Value

Net Asset Value	Total System	Base	Zone of Benefit
Total Water Assets (RCLD)*	\$185,966,836	\$175,376,519	\$10,590,317
Total Recycled Water Assets (RCLD)*	\$11,580,734	\$11,580,734	\$0
Pipeline Costs (RCLD)*	\$458,149,848	\$245,691,321	\$212,458,527
FY 2023 R&R Water Capital Projects	\$11,670,000	\$11,670,000	\$0
Groundwater Project FY 23	\$700,000	\$700,000	\$0
FY 2023 Recycled Water Capital Projects	\$5,361,000	\$5,361,000	\$0
Less Remaining Principal Balance	(\$36,450,820)	(\$36,450,820)	
Total - Net Asset Value	\$636,977,598	\$413,928,754	\$223,048,844

*Exclude Contribution in Aid of Construction (CIAC) assets. Pipeline Costs were calculated as shown in APPENDIX C.

3.2. Equivalent Units

The second step in calculating the capacity fee is determining the current demand. Dividing the system's value by capacity provides a unit cost for the development charge. Capacity is usually expressed in meter equivalents rather than the number of service connections. District Staff provided the number of EDUs for the five distinct zones of benefits. The benefit of using meter equivalents is that it relates the relative capacity of service connections with meters of various sizes, i.e., accounts for the larger meters generating more demand. The District's capacity fee is calculated based on assigned EDUs. EDUs are calculated and assigned by the District's Engineering department based on Article 13 of the District's Administrative and Ethics Code to provide adequate water capacity to each new development and/or a new parcel within the District's service area including peaking and system wide fire protection.

Table 3-2 shows the number of current EDUs by zone.

Table 3-2: Build-out EDUs by Zone

Zone of Benefit	Current EDUs	EDU Projections	Build-Out EDUs
Zone A	16,113	359	16,472
Zone B	4,834	515	5,349
Zone C	590	93	683
Zone D	4,838	126	4,964
Zone E	5,374	87	5,461
Total	31,749	1,180	32,929

3.3. Calculated Capacity Fees

The final step in determining the capacity fee is to divide the adjusted water system value of each zone by the build-out EDUs (Table 3-2). The total net asset value in Table 3-1 is distributed to each zone based on each individual assets. The EDUs relate the relative capacity of service connections with meters of various sizes.

First, we calculate the base capacity fee, these are the assets in Zone B that benefit all zones and is shown in

Table 3-3: Base Capacity Fee Calculation. Zone B includes the District’s water treatment plant. All assets in Zone B, including the pipelines, benefit all the other zones.

Table 3-3: Base Capacity Fee Calculation for One EDU (3/4” meter)

Base Capacity Fee Component	
Base Allocated Asset Costs	\$413,928,754
Distribution Cost	\$0
Build-out EDUs Total	32,929
Base Capacity Fee	\$12,570

Next, we calculate the capacity fee associated with the assets in each zone as shown in **Table 3-4:** Zonal Component Capacity Fee Calculation. Since Zone B assets benefit the whole district and are included as the base capacity fee, no additional zonal capacity fee is considered for Zone B

Table 3-4: Zonal Component Capacity Fee Calculation for One EDU (3/4” meter)

Capacity Fee By Zone	Zone A	Zone B	Zone C	Zone D	Zone E
Zonal Component Asset Value	\$150,391,797	\$0	\$979,163	\$60,529,371	\$11,148,514
Build-Out EDUs By Zone	16,472	5,349	683	4,964	5,461
Zonal Component Capacity Fee per EDU	\$9,130	\$0	\$1,434	\$12,194	\$2,041

The total capacity fee is the sum of the base capacity fee in **Table 3-3** and the zonal component capacity fee shown in **Table 3-4** as shown in **Table 3-5**. Because of the topography and density, the value of the assets serving customers varies significantly along with the corresponding fees.

Table 3-5: Total Capacity Fee by Zone for One EDU (3/4” meter)

Capacity Fee by Zone per EDU	Zone A	Zone B	Zone C	Zone D	Zone E
Base Component Capacity Fee	\$12,570	\$12,570	\$12,570	\$12,570	\$12,570
Zonal Component Capacity Fee	\$9,130	\$0	\$1,434	\$12,194	\$2,041
Total Capacity Fee by Zone	\$21,700	\$12,570	\$14,004	\$24,764	\$14,612

3.4. Calculated Capacity Fee Schedule

The District’s base and most common meter size is ¾-inch. Therefore, the component unit charge is applied to the ¾-inch meter which is equated to one EDU. The capacity of each meter size is used to determine the meter ratio compared to the ¾-inch meter based on the Engineer’s Report prepared for Olivenhain Municipal Water District Assessment District No.96-1 Olivenhain Water Storage Project adopted by the Board of Directors. The calculated fee schedule is proportional to the meter capacity ratio. The capacity ratios shown in **Table 3-6:** OMWD Meter Capacity Ratio are used to determine the fees for the various meter sizes.

Table 3-6: OMWD Meter Capacity Ratio

Meter Size	Meter Ratio/EDU
5/8 inch	0.70
3/4 inch	1.00
1 inch	1.90
1-1/2 inch	3.10
2 inch	5.00
3 inch	10.20
4 inch	17.10
6 inch	36.00
8 inch	65.00

Table 3-7 shows the calculated water capacity fee by meter size by zone. The fee by meter size is calculated by multiplying the fee per EDU, derived in **Table 3-5**, by the meter ratios, defined in **Table 3-6**, at each zone.

Table 3-7: Calculated Zonal Water Capacity Fees by Meter Size

Meter Size	Zone A	Zone B	Zone C	Zone D	Zone E
5/8 inch	N/A	N/A	N/A	N/A	N/A
3/4 inch	\$21,700	\$12,570	\$14,004	\$24,764	\$14,612
1 inch	\$41,231	\$23,884	\$26,608	\$47,052	\$27,762
1-1/2 inch	\$67,272	\$38,968	\$43,412	\$76,768	\$45,297
2 inch	\$108,502	\$62,852	\$70,020	\$123,820	\$73,059
3 inch	\$221,345	\$128,217	\$142,840	\$252,593	\$149,041
4 inch	\$371,078	\$214,953	\$239,468	\$423,465	\$249,862
6 inch	\$781,218	\$452,532	\$504,143	\$891,504	\$526,025
8 inch	\$1,410,532	\$817,072	\$910,257	\$1,609,661	\$949,768

Table 3-8 shows a comparison between the current and calculated water capacity fee per EDU in each zone.

Table 3-8: Comparison of 3/4" Current and Calculated Water Capacity Fees by Zone

Zone	Current	Proposed	Difference (\$)	
Zone A	\$16,126	\$21,700	\$5,574	
Zone B	\$11,570	\$12,570	\$1,000	
Zone C	\$11,785	\$14,004	\$2,219	
Zone D	\$24,421	\$24,764	\$343	
Zone E	\$11,951	\$14,612	\$2,660	

There are significant changes to the capacity fees in Zones A, C, and E. To mitigate the impacts to new customers, the District Board has decided to phase in the increases over five years as shown in **Table 3-9**.

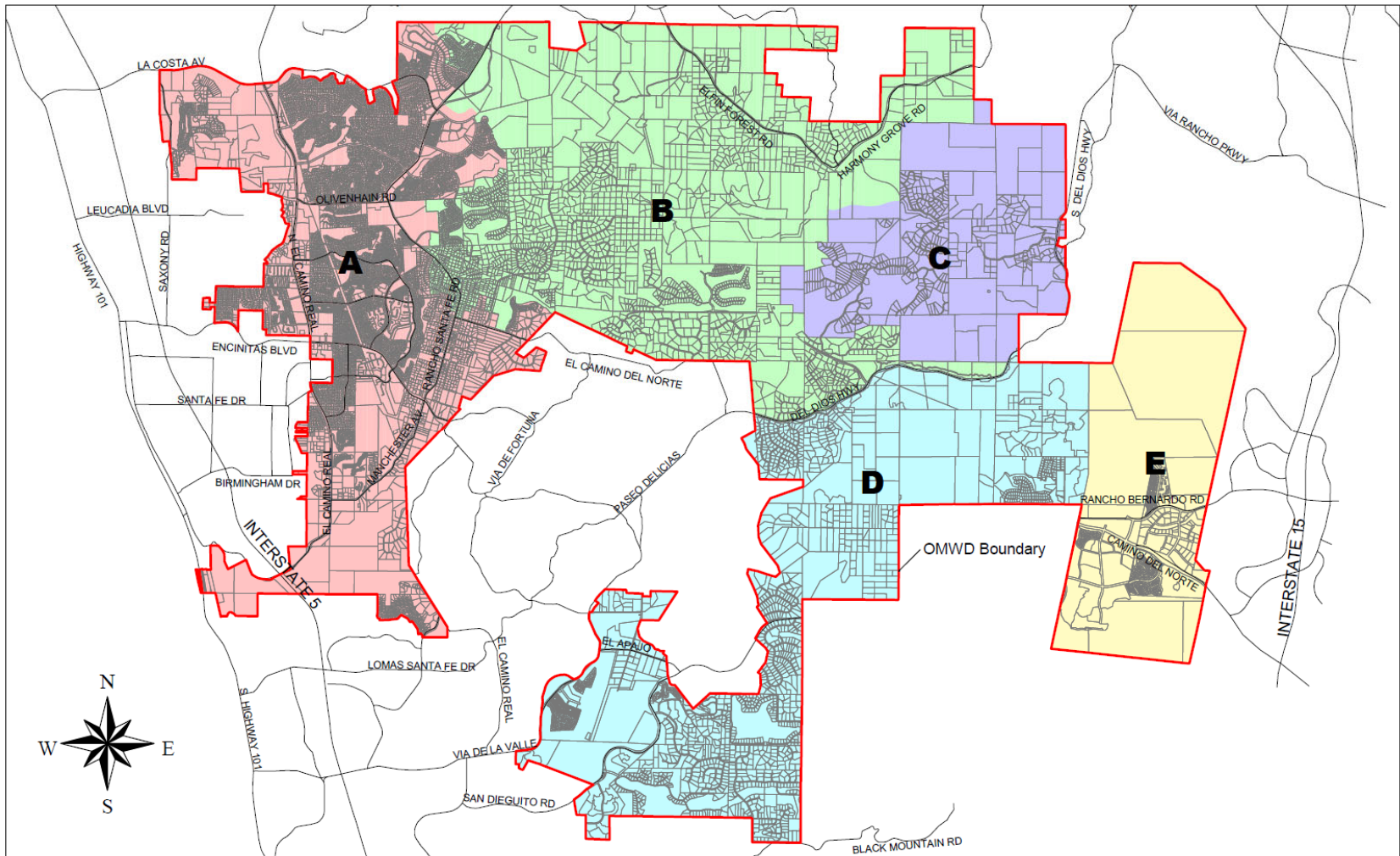
Table 3-9: Proposed Water Capital Facility Fees for ¾-in Meter

	2023	2024	2025	2026	2027
Zone A	7.0%	7% + ENR Adj. ³	7% + ENR Adj.	7% + ENR Adj.	7% + ENR Adj.
Zone B	1.8%	1.8% + ENR Adj.	1.8% + ENR Adj.	1.8% + ENR Adj.	1.8% + ENR Adj.
Zone C	3.8%	3.8% + ENR Adj.	3.8% + ENR Adj.	3.8% + ENR Adj.	3.8% + ENR Adj.
Zone D	1.0%	ENR Adj.	ENR Adj.	ENR Adj.	ENR Adj.
Zone E	4.4%	4.4% + ENR Adj.	4.4% + ENR Adj.	4.4% + ENR Adj.	4.4% + ENR Adj.

³ ENR Adjustment is the Engineering News-Record Construction Cost Index for the City of Los Angeles.

APPENDIX A:

Zones of Benefit Map



APPENDIX B:

Water Capital Fee Assets Valuation

**Appendix B: Water Capital Fee Assets Valuation
Summary**

Zone of Benefit	Total Original Cost	Replacement Cost	Replacement Cost Less Depreciation
A	3,618,823	6,451,178	5,231,598
C	263,909	324,095	179,365
D	5,277,918	8,197,003	5,147,514
E	56,158	70,050	31,841
ALL	203,139,231	325,470,920	186,957,253
Total	212,356,039	340,513,246	197,547,571

Appendix B: Water Capital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
202102	AUTOMOTIVE	2021 FORD F250 CREW CAB 4X2 (PU111)	\$29,518	\$8,434	\$33,027	\$9,436	\$23,591
202103	AUTOMOTIVE	2021 FORD F150 CREW CAB 4X2 (PU112)	\$22,968	\$6,562	\$25,698	\$7,342	\$18,356
202104	AUTOMOTIVE	2021 FORD F150 CREW CAB 4X2 (PU113)	\$23,397	\$6,685	\$26,178	\$7,479	\$18,698
202105	AUTOMOTIVE	2020 FORD F450 FLATBED DUMP TRUCK (FB25)	\$37,920	\$10,834	\$42,427	\$12,122	\$30,305
297880	AUTOMOTIVE	2019 FORD F250 S/C W/SVC BED (PU109)	\$31,190	\$13,367	\$34,731	\$14,885	\$19,846
297881	AUTOMOTIVE	2019 FORD F250 (PU110)	\$32,337	\$13,859	\$36,009	\$15,432	\$20,576
297882	AUTOMOTIVE	2020 FORD F550 CREW TRUCK (FB02)	\$103,023	\$44,153	\$114,721	\$49,166	\$65,555
297883	AUTOMOTIVE	2020 FORD F450 FLATBED DUMP TRUCK (FB26)	\$42,427	\$18,183	\$47,245	\$20,248	\$26,997
297884	AUTOMOTIVE	2020 FORD TRANSIT 150MR PASSENGER XL VAN	\$30,813	\$13,206	\$34,312	\$14,705	\$19,607
208365	AUTOMOTIVE	2018 FORD F150 S/C 4X2 (PU106)	\$26,763	\$15,293	\$30,234	\$17,276	\$12,957
208366	AUTOMOTIVE	2018 FORD F150 S/C 4X2 (PU105)	\$26,504	\$15,145	\$29,940	\$17,109	\$12,832
208367	AUTOMOTIVE	2018 FORD F150 S/C 4X2 (PU104)	\$30,563	\$17,465	\$34,526	\$19,729	\$14,797
208368	AUTOMOTIVE	2018 FORD F150 S/C 4X2 (PU103)	\$23,925	\$13,671	\$27,028	\$15,444	\$11,583
208369	AUTOMOTIVE	2019 FORD F150 S/C 4X4 (PU108)	\$28,407	\$16,233	\$32,091	\$18,338	\$13,753
208370	AUTOMOTIVE	2018 FORD F150 C/C 4X2 (PU107)	\$24,319	\$13,897	\$27,473	\$15,699	\$11,774
208371	AUTOMOTIVE	2019 FORD F550 4X2 DIESEL (FB01)	\$137,938	\$78,822	\$155,826	\$89,043	\$66,782
208360	AUTOMOTIVE	2017 FORD F250 SUPER DUTY (PU 98)	\$28,486	\$20,347	\$33,020	\$23,586	\$9,434
208361	AUTOMOTIVE	2018 FORD F150 SUPER CAB (PU100)	\$35,946	\$25,676	\$41,667	\$29,762	\$11,905
208362	AUTOMOTIVE	2018 FORD F150 SUPER CAB (PU101)	\$22,819	\$16,299	\$26,451	\$18,893	\$7,557
208363	AUTOMOTIVE	2018 FORD F150 SUPER CAB (PU99)	\$22,819	\$16,299	\$26,451	\$18,893	\$7,557
208364	AUTOMOTIVE	2017 FORD F750 WATER TRUCK	\$42,823	\$21,412	\$49,639	\$24,820	\$24,820
208354	AUTOMOTIVE	2017 FORD F150 4X4 (PU92)	\$39,726	\$34,051	\$48,066	\$41,199	\$6,867
208355	AUTOMOTIVE	2017 FORD F150 4X4 TRUCK (PU94)	\$37,335	\$32,001	\$45,172	\$38,719	\$6,453
208356	AUTOMOTIVE	2017 FORD F150 V-6 (PU95)	\$27,061	\$23,195	\$32,742	\$28,065	\$4,677
208357	AUTOMOTIVE	2017 FORD F150 V-6 (PU96)	\$27,061	\$23,195	\$32,742	\$28,065	\$4,677
208358	AUTOMOTIVE	2017 FORD F150 V-6 (PU93)	\$30,271	\$25,946	\$36,626	\$31,393	\$5,232
208359	AUTOMOTIVE	2017 FORD F250 TRUCK W/SVC BED (PU97)	\$27,138	\$23,261	\$32,835	\$28,144	\$4,691
208350	AUTOMOTIVE	2015 FORD F150 V6 (PU90)	\$19,190	\$16,449	\$23,219	\$19,902	\$3,317
208351	AUTOMOTIVE	FORD F250 EXTRA CAB W/SVC (PU91)	\$25,389	\$21,762	\$30,719	\$26,330	\$4,388
208352	AUTOMOTIVE	2016 FORD F450 REG CAB (FB27)	\$33,599	\$28,799	\$40,652	\$34,845	\$5,807
208353	AUTOMOTIVE	2016 FORD F-650 DUMP TRUCK (D627)	\$67,036	\$57,459	\$81,108	\$69,521	\$11,587
208340	AUTOMOTIVE	2015 Case 580SN 4WD Backhoe (BA09)	\$97,010	\$45,271	\$119,163	\$55,609	\$63,553
202110	AUTOMOTIVE-REC	2021 FORD F250 CREW CAB 4X2 (PU111)	\$5,952	\$1,701	\$6,659	\$1,903	\$4,757
202111	AUTOMOTIVE-REC	2021 FORD F150 CREW CAB 4X2 (PU112)	\$4,626	\$1,322	\$5,176	\$1,479	\$3,697
202112	AUTOMOTIVE-REC	2021 FORD F150 CREW CAB 4X2 (PU113)	\$4,626	\$1,322	\$5,176	\$1,479	\$3,697
202113	AUTOMOTIVE-REC	2020 FORD F450 FLATBED DUMP (FB25)	\$8,025	\$2,293	\$8,979	\$2,565	\$6,413
297890	AUTOMOTIVE-REC	2019 FORD F250 S/C W/SVC BED (PU109)	\$6,233	\$2,671	\$6,941	\$2,975	\$3,966
297891	AUTOMOTIVE-REC	2019 FORD F250 (PU110)	\$6,233	\$2,671	\$6,941	\$2,975	\$3,966
297892	AUTOMOTIVE-REC	2020 FORD F450 FLATBED DUMP (FB26)	\$7,669	\$3,287	\$8,540	\$3,660	\$4,880
297893	AUTOMOTIVE-REC	2020 FORD TRANSIT PASSENGER VAN (VN57)	\$7,747	\$3,320	\$8,627	\$3,697	\$4,930
297894	AUTOMOTIVE-REC	2020 FORD F550 CREW TRUCK (FB02)	\$19,237	\$8,244	\$21,421	\$9,180	\$12,241
728332	AUTOMOTIVE-REC	2018 FORD F150 S/C 4X2 (PU106)	\$1,900	\$1,086	\$2,146	\$1,227	\$920
728333	AUTOMOTIVE-REC	2018 FORD F150 S/C 4X2 (PU105)	\$1,900	\$1,086	\$2,146	\$1,227	\$920
728334	AUTOMOTIVE-REC	2018 FORD F150 S/C 4X2 (PU103)	\$3,793	\$2,167	\$4,285	\$2,448	\$1,836
728335	AUTOMOTIVE-REC	2019 FORD F150 S/C 4X4 (PU108)	\$4,500	\$2,571	\$5,084	\$2,905	\$2,179
728336	AUTOMOTIVE-REC	2018 FORD F150 S/C 4X2 (PU107)	\$4,064	\$2,322	\$4,591	\$2,623	\$1,968
728327	AUTOMOTIVE-REC	2017 FORD F250 SUPER DUTY (PU98)	\$4,600	\$3,286	\$5,332	\$3,809	\$1,523
728328	AUTOMOTIVE-REC	2018 FORD F150 SUPER CAB (PU101)	\$3,600	\$2,571	\$4,173	\$2,981	\$1,192
728329	AUTOMOTIVE-REC	2018 FORD F150 SUPER CAB (PU99)	\$3,600	\$2,571	\$4,173	\$2,981	\$1,192
728330	AUTOMOTIVE-REC	2017 FORD F750 WATER TRUCK	\$42,822	\$21,411	\$49,638	\$24,819	\$24,819

Appendix B: Water Capcital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
728331	AUTOMOTIVE-REC	2018 FORD F150 SUPER CAB (PU102)	\$5,157	\$3,684	\$5,978	\$4,270	\$1,708
728324	AUTOMOTIVE-REC	2017 FORD F150 V-6 (PU95)	\$4,000	\$3,429	\$4,840	\$4,148	\$691
728325	AUTOMOTIVE-REC	2017 FORD F150 V-6 (PU96)	\$4,000	\$3,429	\$4,840	\$4,148	\$691
728326	AUTOMOTIVE-REC	2017 FORD F250 W/SVC BED (PU97)	\$5,000	\$4,286	\$6,050	\$5,185	\$864
728320	AUTOMOTIVE-REC	2105 FORD F150 V6 (PU90)	\$3,685	\$3,159	\$4,459	\$3,822	\$637
728321	AUTOMOTIVE-REC	FORD F250 EXTRA CAB W/SVC (PU91)	\$4,850	\$4,157	\$5,868	\$5,030	\$838
728322	AUTOMOTIVE-REC	2016 FORD F450 REG CAB (FB27)	\$6,400	\$5,486	\$7,744	\$6,637	\$1,106
728323	AUTOMOTIVE-REC	20 FORD F-650 DUMP TRUCK (D653)	\$13,405	\$11,490	\$16,219	\$13,902	\$2,317
212227	BLDGS/IMPRV	SOLAR PANELS	\$9,933	\$662	\$10,283	\$686	\$9,598
212243	BLDGS/IMPRV	NEW ADMIN BLDG - HQ - CAP FEES	\$24,753	\$619	\$25,626	\$641	\$24,986
202139	BLDGS/IMPRV	OMWD HQ BUILDING	\$13,012,685	\$650,634	\$14,559,407	\$727,970	\$13,831,436
202164	BLDGS/IMPRV	EFRR INTERPRETIVE CENTER ROOF	\$23,428	\$2,343	\$26,213	\$2,621	\$23,591
202165	BLDGS/IMPRV	CAPITALIZED INTEREST 218 BONDS	\$142,073	\$7,104	\$158,961	\$7,948	\$151,013
297872	BLDGS/IMPRV	EFRR RIDGETOP PICNIC AREA FENCING	\$13,200	\$1,584	\$14,699	\$1,764	\$12,935
810089	BLDGS/IMPRV	SECURITY CAMERAS (SECURITY CAMERA KING)	\$6,017	\$4,814	\$6,797	\$5,438	\$1,359
810087	BLDGS/IMPRV	GAS PUMP RELOCATION	\$297,734	\$49,622	\$345,124	\$57,521	\$287,603
810088	BLDGS/IMPRV	WASH BAY RELOCATION	\$298,352	\$49,725	\$345,841	\$57,640	\$288,201
810083	BLDGS/IMPRV	PARKS TRAILER REPAIRS	\$10,399	\$6,239	\$12,582	\$7,549	\$5,033
810084	BLDGS/IMPRV	900 LINEAR FEET OF FENCING - PARKS DEP	\$26,606	\$15,964	\$32,192	\$19,315	\$12,877
298117	BLDGS/IMPRV	CUP Modifications	\$164,406	\$23,017	\$201,950	\$28,273	\$173,677
298115	BLDGS/IMPRV	EFRR Drainage & Paving Improvements	\$67,992	\$21,757	\$85,397	\$27,327	\$58,070
298116	BLDGS/IMPRV	Emergency Power Generating System	\$413,791	\$132,413	\$519,719	\$166,310	\$353,409
298113	BLDGS/IMPRV	Building B Modifications	\$296,324	\$98,775	\$388,077	\$129,359	\$258,718
298110	BLDGS/IMPRV	Admin Ee Parking Lot Lights	\$9,756	\$5,366	\$13,092	\$7,201	\$5,892
298111	BLDGS/IMPRV	Building J	\$4,305,689	\$947,252	\$5,778,151	\$1,271,193	\$4,506,958
298112	BLDGS/IMPRV	Surplus Storage Facility	\$136,092	\$29,940	\$182,633	\$40,179	\$142,454
298102	BLDGS/IMPRV	Fence Around Office Perimeter	\$84,023	\$36,410	\$115,918	\$50,231	\$65,687
298103	BLDGS/IMPRV	Gaty Communications Building	\$42,067	\$13,672	\$58,036	\$18,862	\$39,174
298104	BLDGS/IMPRV	Efr Interpretvie Center	\$17,490	\$9,095	\$24,129	\$12,547	\$11,582
238106	BLDGS/IMPRV	4G Vent Installed	\$2,359	\$2,241	\$4,225	\$4,014	\$211
810081	BLDGS/IMPRV	Master Plan Develp	\$118,107	\$98,422	\$239,077	\$199,231	\$39,846
212229	BLDGS/IMPRV-REC	BLDG D RECYCLED PORTION	\$3,537	\$88	\$3,662	\$92	\$3,570
202167	BLDGS/IMPRV-REC	OMWD HQ OFFICE - RECYCLED PORTION	\$278,679	\$13,934	\$311,804	\$15,590	\$296,213
728104	BLDGS/IMPRV-REC	Wet Weather Pond Fence	\$90,367	\$49,702	\$121,271	\$66,699	\$54,572
728103	BLDGS/IMPRV-REC	Capitalized Interest	\$254,713	\$40,754	\$344,878	\$55,180	\$289,697
728101	BLDGS/IMPRV-REC	4S Rcyld Sys Const	\$2,048,840	\$437,086	\$3,233,531	\$689,820	\$2,543,711
728102	BLDGS/IMPRV-REC	4S Rcyld Sys Int	\$583,563	\$124,494	\$920,995	\$196,479	\$724,516
298407	COMMEQUIP	Knightsbridge Remote Prs I/O	\$41,270	\$20,635	\$54,049	\$27,024	\$27,024
298406	COMMEQUIP	Scada System Upgrades	\$28,419	\$15,631	\$38,138	\$20,976	\$17,162
298405	COMMEQUIP	Radio Repeater @ Berk Rsvr	\$19,827	\$10,905	\$26,607	\$14,634	\$11,973
278402	COMMEQUIP	Gaty/Subnet Opto Replacement	\$188,385	\$141,288	\$286,970	\$215,228	\$71,743
278401	COMMEQUIP	Miller Opto Replacement	\$11,744	\$8,808	\$17,890	\$13,417	\$4,472
268401	COMMEQUIP	4G/Zorro Subnet Tele	\$236,619	\$189,296	\$373,439	\$298,751	\$74,688
268404	COMMEQUIP	Telemetry Installs	\$41,789	\$33,431	\$65,952	\$52,762	\$13,190
268402	COMMEQUIP	Cielo Ps Opto Rplcmt	\$14,221	\$11,377	\$22,445	\$17,956	\$4,489
268403	COMMEQUIP	Miller Hydrogen Opto	\$21,128	\$16,902	\$33,344	\$26,676	\$6,669
248402	COMMEQUIP	Del Mar Flow Meter	\$22,884	\$16,477	\$37,680	\$27,130	\$10,550
238403	COMMEQUIP	Headquarters Antenna	\$77,413	\$73,542	\$138,638	\$131,706	\$6,932
238405	COMMEQUIP	4G Antenna	\$119,013	\$113,062	\$213,141	\$202,484	\$10,657
238406	COMMEQUIP	Gaty Tower	\$35,899	\$34,104	\$64,291	\$61,077	\$3,215

Appendix B: Water Capital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
238408	COMMEQUIP	Peay Rsvr Cntrl Sys	\$54,669	\$51,936	\$97,907	\$93,011	\$4,895
212233	COMP HW/SW-REC	FY21/22 COMPUTER EQUIPMENT	\$2,073	\$691	\$2,147	\$716	\$1,431
202120	COMP HW/SW-REC	FY 20/21 COMPUTER SUPPLIES	\$1,643	\$1,095	\$1,838	\$1,226	\$613
212230	COMPUTER HW/SW	NETWORK SECURITY	\$52,507	\$17,502	\$54,360	\$18,120	\$36,240
212231	COMPUTER HW/SW	FY21/22 COMPUTER EQUIPMENT	\$65,825	\$21,942	\$68,147	\$22,716	\$45,431
202115	COMPUTER HW/SW	FY 20/21 COMPUTERS, MONITORS, ETC.	\$26,283	\$17,522	\$29,407	\$19,605	\$9,802
202116	COMPUTER HW/SW	NETWORK SECURITY	\$158,277	\$105,518	\$177,090	\$118,060	\$59,030
202117	COMPUTER HW/SW	PHONE SYSTEM	\$65,429	\$43,619	\$73,206	\$48,804	\$24,402
202118	COMPUTER HW/SW	GP UPGRADE	\$23,424	\$15,616	\$26,208	\$17,472	\$8,736
297895	COMPUTER HW/SW	NETWORK SECURITY - HARDWARE	\$20,723	\$12,434	\$23,076	\$13,846	\$9,231
297896	COMPUTER HW/SW	ANTI-VIRUS APPLIANCE (CDW)	\$47,541	\$28,525	\$52,939	\$31,764	\$21,176
708628	COMPUTER HW/SW	NETWORK SECURITY	\$138,429	\$110,744	\$156,381	\$125,105	\$31,276
708629	COMPUTER HW/SW	WAN UPGRADES	\$32,146	\$25,717	\$36,314	\$29,051	\$7,263
868632	COMPUTER HW/SW	INVENTORY BAR CODING	\$40,546	\$24,328	\$49,058	\$29,435	\$19,623
868619	COMPUTER HW/SW	BILLING INTEGRATION WITH GEOVIEWER	\$45,400	\$38,915	\$54,931	\$47,084	\$7,847
868620	COMPUTER HW/SW	FIXED BASE PIPELINE MONITORING	\$16,300	\$13,971	\$19,722	\$16,904	\$2,817
868621	COMPUTER HW/SW	WAN UPGRADES	\$72,998	\$62,570	\$88,322	\$75,705	\$12,617
868622	COMPUTER HW/SW	CUSTOMER UTILITY BILLING	\$1,059,439	\$317,832	\$1,281,849	\$384,555	\$897,294
208707	COMPUTER HW/SW	EAM Upgrades-Databridge to Infinity CIS	\$31,600	\$11,060	\$38,816	\$13,586	\$25,231
208709	COMPUTER HW/SW	Finance ERP	\$145,633	\$50,972	\$178,890	\$62,611	\$116,278
208696	COMPUTER HW/SW	Finance ERP Capitalized Interest	\$55,766	\$22,306	\$70,042	\$28,017	\$42,025
208697	COMPUTER HW/SW	Finance ERP	\$1,534,366	\$613,746	\$1,927,153	\$770,861	\$1,156,292
238801	ELEC SUBSTATION	Elect'L Substation	\$575,669	\$312,506	\$1,030,966	\$559,667	\$471,299
238802	ELEC SUBSTATION	Elect'L Substation	\$575,670	\$218,755	\$1,030,967	\$391,768	\$639,200
870002	HYDROELEC PLANT	Miller Hydro Controls	\$133,905	\$107,124	\$181,305	\$145,044	\$36,261
286001	INTANGBL ASSETS	Conveyance Of Easements	\$88,856	\$73,175	\$129,349	\$106,523	\$22,826
276001	INTANGBL ASSETS	Video Security System (Dam)	\$75,294	\$66,436	\$114,697	\$101,203	\$13,494
256003	INTANGBL ASSETS	Dam & Rsvr Construct	\$24,529,509	\$17,375,069	\$39,867,309	\$28,239,344	\$11,627,965
256004	INTANGBL ASSETS	Pre-Ad 96-1 Costs	\$2,674,656	\$1,894,548	\$4,347,063	\$3,079,170	\$1,267,893
300062	LAND	Gano Reservoir	\$695,031	\$0	\$1,096,915	\$0	\$1,096,915
300060	LAND	Unit G-1 (Greenland)	\$499,009	\$0	\$787,548	\$0	\$787,548
300061	LAND	Denk Inflow PI Esmnt	\$6,000	\$0	\$9,469	\$0	\$9,469
300063	LAND	Unit X Pipeline	\$431,947	\$0	\$681,710	\$0	\$681,710
300056	LAND	Dam & Reservoir	\$811,787	\$0	\$1,319,381	\$0	\$1,319,381
300057	LAND	Dam & Reservoir	\$2,644,992	\$0	\$4,298,852	\$0	\$4,298,852
300058	LAND	WTP Connection Easement	\$1,202,126	\$0	\$1,953,790	\$0	\$1,953,790
300050	LAND	Water Treatment Plnt	\$379,431	\$0	\$679,524	\$0	\$679,524
300051	LAND	Via Ambiente Road	\$134,800	\$0	\$241,413	\$0	\$241,413
300052	LAND	P/L East Mitigation	\$1,001,904	\$0	\$1,794,311	\$0	\$1,794,311
300053	LAND	Wtp Coastal Sage	\$906,985	\$0	\$1,624,320	\$0	\$1,624,320
300054	LAND	P/L West Easement	\$12,432	\$0	\$22,264	\$0	\$22,264
300055	LAND	Land	\$137,641	\$0	\$246,501	\$0	\$246,501
300047	LAND	Right-Of-Way	\$30,565	\$0	\$61,870	\$0	\$61,870
300045	LAND	Master Plan Develop	\$1,505,330	\$0	\$3,134,513	\$0	\$3,134,513
300026	LAND	District Easements	\$1,592	\$0	\$4,352	\$0	\$4,352
300029	LAND	Staver Settlement	\$5,000	\$0	\$13,669	\$0	\$13,669
300023	LAND	District Easements	\$1,990	\$0	\$5,924	\$0	\$5,924
300017	LAND	Unit "K" Phase 1	\$6,725	\$0	\$22,113	\$0	\$22,113
300019	LAND	Unit K Pipeline R/W	\$83,902	\$0	\$275,872	\$0	\$275,872
300018	LAND	General Easements	\$4,050	\$0	\$13,316	\$0	\$13,316

Appendix B: Water Capital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
300020	LAND	Gaty li Res Site	\$25,127	\$0	\$82,618	\$0	\$82,618
300021	LAND	Denk Reservoir Site	\$109,078	\$0	\$358,651	\$0	\$358,651
300022	LAND	Roger Miller Res Sit	\$63,883	\$0	\$210,049	\$0	\$210,049
300014	LAND	General Easements	\$1,285	\$0	\$4,762	\$0	\$4,762
300001	LAND	Unit "G" Pipeline	\$11,412	\$0	\$44,993	\$0	\$44,993
300012	LAND	Reclass R/W Unit "H"	\$19,699	\$0	\$77,665	\$0	\$77,665
300013	LAND	Completed	\$9,898	\$0	\$39,024	\$0	\$39,024
300004	LAND	Id4 - Reservoir (2)	\$5,928	\$0	\$23,372	\$0	\$23,372
300008	LAND	Wanket Tank Site Aqu	\$10,268	\$0	\$40,485	\$0	\$40,485
300005	LAND	Unit B-1	\$6,536	\$0	\$25,769	\$0	\$25,769
300010	LAND	General Easemnts Dis	\$13,469	\$0	\$53,102	\$0	\$53,102
300011	LAND	Unit "K" Pln Rt Stdy	\$45,607	\$0	\$179,811	\$0	\$179,811
300006	LAND	Id3 Unit	\$1,332	\$0	\$5,252	\$0	\$5,252
310039	LAND IMPRV	Unit G-1 Mitigation	\$214,041	\$85,616	\$280,315	\$112,126	\$168,189
310038	LAND IMPRV	District Office Landscape	\$43,165	\$31,654	\$57,927	\$42,479	\$15,447
310036	LAND IMPRV	Landscaping	\$218,407	\$52,418	\$295,719	\$70,973	\$224,747
310037	LAND IMPRV	Oak Riparian Mitigation	\$65,448	\$15,707	\$88,615	\$21,268	\$67,348
310033	LAND IMPRV	Olivenhain Rd/Cup Permitting	\$1,838,245	\$477,944	\$2,536,050	\$659,373	\$1,876,677
310034	LAND IMPRV	Tree Rmvl/Relo @ District	\$46,380	\$12,059	\$63,986	\$16,636	\$47,350
310031	LAND IMPRV	Elfin Forest Rr Bridge	\$135,007	\$75,604	\$196,533	\$110,058	\$86,475
310032	LAND IMPRV	4G Reservoir Fencing	\$34,925	\$24,447	\$50,841	\$35,589	\$15,252
310027	LAND IMPRV	Denk Inflow P/L Mitigation	\$92,227	\$55,336	\$140,492	\$84,295	\$56,197
310028	LAND IMPRV	Unit G1 Pipeline Mitigation	\$272,736	\$163,642	\$415,464	\$249,279	\$166,186
310029	LAND IMPRV	Denk Outflow P/L Mitigation	\$30,843	\$18,506	\$46,984	\$28,190	\$18,794
310030	LAND IMPRV	Via Ambiente Bridge Lomr	\$27,004	\$9,001	\$41,136	\$13,712	\$27,424
310022	LAND IMPRV	Zorro Rehab Landscap	\$11,437	\$7,320	\$18,051	\$11,553	\$6,498
310023	LAND IMPRV	Gano Rsvr-Landscape	\$120,000	\$76,800	\$189,387	\$121,208	\$68,179
310024	LAND IMPRV	Unit X P/L Landscape	\$80,000	\$51,200	\$126,258	\$80,805	\$45,453
310025	LAND IMPRV	X-1 Access Road	\$1,215,760	\$486,304	\$1,918,743	\$767,497	\$1,151,246
310026	LAND IMPRV	X-2 Access Road	\$1,652,937	\$661,175	\$2,608,706	\$1,043,483	\$1,565,224
310018	LAND IMPRV	Via Ambiente Bridge	\$476,381	\$181,025	\$853,151	\$324,197	\$528,954
310019	LAND IMPRV	Via Ambiente Road	\$714,439	\$271,487	\$1,279,489	\$486,206	\$793,283
310016	LAND IMPRV	Olivenhain Rd Wideng	\$257,494	\$214,578	\$521,230	\$434,358	\$86,872
310012	LAND IMPRV	San Diequito River	\$2,915	\$2,623	\$6,024	\$5,422	\$602
310010	LAND IMPRV	Fence By Cal West	\$3,006	\$2,806	\$6,207	\$5,793	\$414
273301	LAND IMPRV-REC	Santa Fe Valley P.S. Landscape	\$64,019	\$38,411	\$97,521	\$58,513	\$39,008
273302	LAND IMPRV-REC	Santa Fe Valley P.S. Access Rd	\$145,648	\$43,694	\$221,869	\$66,561	\$155,308
212219	METERS	FIXED BASE AMI	\$600,931	\$30,047	\$622,129	\$31,106	\$591,023
212220	METERS	FY2122 METER REPLACEMENTS	\$199,953	\$13,330	\$207,007	\$13,800	\$193,206
202155	METERS	FIXED BASE AMI	\$758,619	\$75,862	\$848,790	\$84,879	\$763,911
202156	METERS	FY 20/21 METER REPLACEMENTS	\$255,780	\$34,104	\$286,183	\$38,158	\$248,025
297870	METERS	FY 2020 2" & UNDER	\$189,586	\$37,917	\$211,114	\$42,223	\$168,891
297871	METERS	FIXED BASED AMI	\$550,266	\$82,540	\$612,751	\$91,913	\$520,838
297945	METERS	T & M METERS	\$12,642	\$2,528	\$14,077	\$2,815	\$11,262
297831	METERS	FY 2019 METERS 2" & UNDER	\$250,686	\$100,274	\$283,194	\$113,278	\$169,917
297832	METERS	FY 2019 METERS OVER 2" (4)	\$13,867	\$5,547	\$15,665	\$6,266	\$9,399
297833	METERS	FIXED BASE AMI	\$617,075	\$246,830	\$697,097	\$278,839	\$418,258
297816	METERS	FY 2018 METERS OVER 2" (SIX)	\$16,658	\$8,329	\$19,310	\$9,655	\$9,655
297817	METERS	FIRE HYDRANT/WATER SVC RELO - GRANGETTOS	\$51,824	\$25,912	\$60,073	\$30,036	\$30,036
297818	METERS	FY 2018 AMI FIXED BASED TOWERS	\$139,460	\$46,487	\$161,658	\$53,886	\$107,772

Appendix B: Water Capital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
297819	METERS	FY 2018 AMI METERS	\$384,628	\$192,314	\$445,848	\$222,924	\$222,924
297820	METERS	FY 2018 METERS 2" & UNDER	\$246,265	\$123,133	\$285,463	\$142,731	\$142,731
297808	METERS	FY 2017 2" METERS & UNDER	\$425,080	\$255,048	\$514,317	\$308,590	\$205,727
297809	METERS	FY 2017 METERS OVER 2"	\$26,222	\$15,733	\$31,727	\$19,036	\$12,691
297810	METERS	M400 AMI BASE STATIONS (3)	\$229,955	\$91,982	\$278,230	\$111,292	\$166,938
297811	METERS	2017 AMI RETROFIT SERVICES	\$470,194	\$282,116	\$568,902	\$341,341	\$227,561
297918	METERS	FY 2016 AMR 2" & UNDER	\$146,455	\$87,873	\$177,201	\$106,320	\$70,880
297919	METERS	FY 2016 AMR 4"	\$10,421	\$6,253	\$12,609	\$7,565	\$5,043
297916	METERS	FY 2015 Additions	\$202,604	\$141,823	\$248,871	\$174,210	\$74,661
297917	METERS	Upgrade to 520M's & 520R's	\$507,830	\$355,481	\$623,799	\$436,659	\$187,140
297913	METERS	FY 2014 Additions	\$208,405	\$111,150	\$261,756	\$139,603	\$122,153
297914	METERS	Upgrade to 520R's from B's and C's	\$281,743	\$150,263	\$353,867	\$188,729	\$165,138
297915	METERS	Upgrade to 520M's	\$14,900	\$7,947	\$18,714	\$9,981	\$8,733
297908	METERS	Amr Meter/Battery Replacements	\$122,317	\$110,085	\$160,110	\$144,099	\$16,011
297909	METERS	Metro 50 Tower Base Station	\$75,425	\$45,255	\$98,730	\$59,238	\$39,492
297910	METERS	Radio Read Remotes	\$15,085	\$9,051	\$19,746	\$11,848	\$7,898
297911	METERS	Meters FY 2013	\$2,143,585	\$1,286,151	\$2,805,916	\$1,683,550	\$1,122,366
297912	METERS	Meters Capitalized Interest	\$56,383	\$50,745	\$73,804	\$66,424	\$7,380
297903	METERS	Fire Hydrant (Elfin Forest)	\$43,810	\$14,238	\$60,441	\$19,643	\$40,798
257903	METERS	2004/05 Vent-O-Mats	\$72,303	\$61,457	\$117,512	\$99,885	\$17,627
212221	METERS-REC	RETROFIT METERS TO RECYCLED	\$62,719	\$4,181	\$64,932	\$4,329	\$60,603
212222	METERS-REC	FY2122 METER REPLACEMENTS	\$19,470	\$1,298	\$20,157	\$1,344	\$18,813
202157	METERS-REC	METER REPLACEMENTS	\$4,132	\$551	\$4,623	\$616	\$4,007
202158	METERS-REC	RETROFIT METERS TO RECYCLED	\$26,358	\$3,514	\$29,491	\$3,932	\$25,559
297862	METERS-REC	RECYCLED RETROFITS (FY19/20)	\$132,095	\$26,419	\$147,095	\$29,419	\$117,676
297946	METERS-REC	FY 2020 MTR REPLACEMENT 3" (1) 6" (1)	\$11,944	\$2,389	\$13,300	\$2,660	\$10,640
727307	METERS-REC	RECYCLED RETROFITS	\$51,892	\$20,757	\$58,621	\$23,448	\$35,173
727305	METERS-REC	RECYCLED RETROFITS - 2" & UNDERS	\$56,315	\$28,158	\$65,279	\$32,640	\$32,640
727306	METERS-REC	RECYCLED RETROFITS - OVER 2"	\$6,519	\$3,260	\$7,557	\$3,778	\$3,778
727304	METERS-REC	FY 2017 METERS - 2" AND LESS	\$5,550	\$3,330	\$6,715	\$4,029	\$2,686
727302	METERS-REC	6" OCTAVE METER	\$3,838	\$2,303	\$4,643	\$2,786	\$1,857
727301	METERS-REC	Meters FY 2013	\$53,880	\$48,492	\$70,528	\$63,475	\$7,053
202114	OFFC FURN/EQUIP	HQ FACILITIES ENHANCEMENTS	\$44,173	\$17,669	\$49,423	\$19,769	\$29,654
248504	OFFC FURN/EQUIP	Times Two Files	\$21,234	\$19,111	\$34,963	\$31,467	\$3,496
248506	OFFC FURN/EQUIP	Expansion/Renovation	\$68,612	\$61,751	\$112,973	\$101,675	\$11,297
248507	OFFC FURN/EQUIP	Expansion/Renovation	\$68,612	\$41,167	\$112,973	\$67,784	\$45,189
238506	OFFC FURN/EQUIP	Wtp - Furniture	\$18,642	\$14,168	\$33,385	\$25,373	\$8,012
238507	OFFC FURN/EQUIP	Wtp - Furniture	\$50,000	\$27,143	\$89,545	\$48,610	\$40,935
202140	OFFIC F&E	OMWD HQ - OFFICE FURNITURE (CAP FEES)	\$137,242	\$54,897	\$153,555	\$61,422	\$92,133
212215	PUMP STNS,ETC.	VAULT UPGRADES	\$19,700	\$1,313	\$20,395	\$1,360	\$19,035
212217	PUMP STNS,ETC.	PUMPS & MOTORS FY2122	\$62,720	\$4,181	\$64,933	\$4,329	\$60,604
212216	PUMP STNS,ETC.	GOLEM PUMP STATION REPLACEMENT	\$27,820	\$1,855	\$28,801	\$1,920	\$26,881
202148	PUMP STNS,ETC.	VAULT UPGRADES	\$58,175	\$7,757	\$65,090	\$8,679	\$56,411
202150	PUMP STNS,ETC.	CIELO GENERATOR SWITCH	\$12,970	\$1,729	\$14,512	\$1,935	\$12,577
202149	PUMP STNS,ETC.	GOLEM PUMP STATION	\$362,266	\$18,113	\$405,326	\$20,266	\$385,059
297860	PUMP STNS,ETC.	PUMP CONTROLS - THORNTON	\$22,081	\$6,624	\$24,588	\$7,376	\$17,212
297859	PUMP STNS,ETC.	VAULTS (6) FLOOR LINERS	\$86,554	\$25,966	\$96,383	\$28,915	\$67,468
297858	PUMP STNS,ETC.	RANCHO LAKES PUMP CONTROLS	\$12,809	\$3,843	\$14,264	\$4,279	\$9,985
730058	PUMP STNS,ETC.	VAULT FLOOR LINER - THORNTON P/S	\$16,944	\$4,518	\$19,141	\$5,104	\$14,037
730057	PUMP STNS,ETC.	CONNEMARA BLADDERS	\$20,796	\$11,883	\$23,493	\$13,424	\$10,068

Appendix B: Water Capital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
730055	PUMP STNS,ETC.	VALES I PRS	\$814,351	\$162,870	\$943,969	\$188,794	\$755,175
730056	PUMP STNS,ETC.	CIELO PUMP STATION CONTROLS	\$157,404	\$52,468	\$182,458	\$60,819	\$121,638
730053	PUMP STNS,ETC.	VAULT FLOOR LINERS (9)	\$53,159	\$31,895	\$64,318	\$38,591	\$25,727
730054	PUMP STNS,ETC.	4S WATER PR STATION PEDESTAL	\$10,522	\$6,313	\$12,731	\$7,639	\$5,092
730052	PUMP STNS,ETC.	VAULT LINERS	\$45,356	\$27,213	\$54,877	\$32,926	\$21,951
297301	PUMP STNS,ETC.	El Cmno Del Norte Cla-Valves	\$9,483	\$6,164	\$13,082	\$8,504	\$4,579
287302	PUMP STNS,ETC.	Maryloyd Pump Sta Switch Gear	\$46,287	\$32,401	\$67,381	\$47,167	\$20,214
287303	PUMP STNS,ETC.	Cielo Booster #1-Turbine Pump	\$6,626	\$4,638	\$9,645	\$6,752	\$2,894
267301	PUMP STNS,ETC.	Potable Pump Station	\$526,962	\$210,785	\$831,664	\$332,666	\$498,998
730501	PUMP STNS,ETC.	Excess Treated Wtr Investment	\$738,637	\$251,137	\$1,200,492	\$408,167	\$792,325
247301	PUMP STNS,ETC.	Unit H Deepwell	\$70,284	\$42,170	\$115,724	\$69,435	\$46,290
247303	PUMP STNS,ETC.	520 Vault Prs Const	\$353,990	\$159,296	\$582,858	\$262,286	\$320,572
237302	PUMP STNS,ETC.	Rancho Lakes Ps	\$48,499	\$30,716	\$86,858	\$55,010	\$31,848
227301	PUMP STNS,ETC.	Thornton Pump Stat	\$645,602	\$430,401	\$1,176,360	\$784,240	\$392,120
730018	PUMP STNS,ETC.	Pump & Chlorine Sta	\$38,844	\$37,549	\$80,884	\$78,188	\$2,696
730017	PUMP STNS,ETC.	Pump & Chlor Sta #92	\$190,577	\$142,932	\$404,915	\$303,686	\$101,229
727303	PUMP STNS-REC	VILLAGE PARK RECYCLED PUMP STATION	\$807,362	\$242,209	\$976,852	\$293,056	\$683,796
297306	PUMP STNS-REC	RECYCLED FILL STATION	\$97,165	\$58,299	\$117,563	\$70,538	\$47,025
297304	PUMP STNS-REC	Santa Fe Valley Pump Station Valve	\$15,312	\$7,145	\$18,808	\$8,777	\$10,031
297305	PUMP STNS-REC	Santa Fe Valley Pump Station Solar Sys	\$31,226	\$14,572	\$38,356	\$17,900	\$20,457
294503	PUMP STNS-REC	Flow Meter @ Mahr	\$235,000	\$152,750	\$324,207	\$210,735	\$113,472
294501	PUMP STNS-REC	Prs @ Calle Barcelona	\$187,500	\$121,875	\$258,676	\$168,139	\$90,537
294502	PUMP STNS-REC	Prs @ Calle Acervo	\$211,000	\$137,150	\$291,096	\$189,213	\$101,884
284501	PUMP STNS-REC	Crosby Prs	\$107,819	\$75,473	\$156,955	\$109,868	\$47,086
274501	PUMP STNS-REC	Santa Fe Valley Pump Station	\$564,436	\$169,331	\$859,816	\$257,945	\$601,871
212214	RESERVOIRS	CONCRETE TANKS REHAB	\$198,579	\$19,858	\$205,584	\$20,558	\$185,026
202146	RESERVOIRS	CONCRETE TANKS REHAB STUDY (GATY II)	\$58,928	\$11,786	\$65,933	\$13,187	\$52,746
297829	RESERVOIRS	CHAIN LINK INSTALLATION	\$8,768	\$2,338	\$9,905	\$2,641	\$7,264
297814	RESERVOIRS	GATY DRIVEWAY OVERLAY	\$23,103	\$7,701	\$26,780	\$8,927	\$17,853
297815	RESERVOIRS	GATY I & II IRRIGATION REPLACEMENT	\$40,852	\$20,426	\$47,354	\$23,677	\$23,677
297813	RESERVOIRS	ROGER MILLER IRRIGATION REPLACEMENT	\$11,850	\$5,925	\$13,736	\$6,868	\$6,868
297805	RESERVOIRS	WIEGAND RESERVOIR IRRIGATION	\$15,011	\$9,007	\$18,162	\$10,897	\$7,265
297806	RESERVOIRS	ROGER MILLER INLET PIPELINE	\$23,469	\$7,041	\$28,396	\$8,519	\$19,877
297807	RESERVOIRS	4G RESERVOIR REPLACEMENT	\$207,374	\$31,106	\$250,908	\$37,636	\$213,272
717102	RESERVOIRS	Emerg Generators (Denk,Gano,Peay,4S)	\$22,662	\$10,575	\$27,837	\$12,990	\$14,846
297112	RESERVOIRS	Gaty Check Valve Rehab	\$266,952	\$96,103	\$349,435	\$125,797	\$223,639
297107	RESERVOIRS	Lux Canyon Prs Replacement	\$357,536	\$107,261	\$484,098	\$145,229	\$338,869
297108	RESERVOIRS	Dove Hollow Prs	\$569,468	\$170,840	\$771,051	\$231,315	\$539,735
297103	RESERVOIRS	Lusardi #1 Vault Rehab	\$85,532	\$25,660	\$115,810	\$34,743	\$81,067
287101	RESERVOIRS	Wiegand Outlet Piping	\$42,934	\$12,021	\$62,499	\$17,500	\$45,000
267101	RESERVOIRS	Avd Diestra Pr Stat	\$177,791	\$71,116	\$280,595	\$112,238	\$168,357
267102	RESERVOIRS	Denk Inlet Flow Cntl	\$438,852	\$175,541	\$692,607	\$277,043	\$415,564
267103	RESERVOIRS	Gano Rsvr Construct	\$7,604,722	\$1,622,341	\$12,001,966	\$2,560,419	\$9,441,546
267104	RESERVOIRS	Gano Rsvr Equipment	\$47,367	\$30,315	\$74,756	\$47,844	\$26,912
267105	RESERVOIRS	Gano Rsvr Piping	\$160,000	\$51,200	\$252,516	\$80,805	\$171,711
267106	RESERVOIRS	Gano Rsvr Cntl Valve	\$401,680	\$128,538	\$633,941	\$202,861	\$431,080
257101	RESERVOIRS	Zorro Rehab	\$1,271,714	\$720,638	\$2,066,891	\$1,171,238	\$895,653
257102	RESERVOIRS	Zorro Prs	\$492,789	\$279,247	\$800,921	\$453,855	\$347,066
247102	RESERVOIRS	Wiegand Rsvr Struct	\$238,410	\$107,285	\$392,551	\$176,648	\$215,903
710071	RESERVOIRS	Gaty I Repairs '96	\$18,020	\$7,809	\$37,061	\$16,060	\$21,002

Appendix B: Water Capital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
710073	RESERVOIRS	R.S.F.Security Tie-In	\$2,041	\$885	\$4,199	\$1,819	\$2,379
710069	RESERVOIRS	Cathodic Protect '95	\$192,912	\$86,811	\$398,719	\$179,424	\$219,295
710070	RESERVOIRS	Resr & Tanks Design	\$437,709	\$196,969	\$904,673	\$407,103	\$497,570
710062	RESERVOIRS	Wanket Tank Repair	\$88,824	\$45,892	\$196,731	\$101,644	\$95,087
710064	RESERVOIRS	Resv & Tanks - Boyle	\$6,788	\$3,507	\$15,034	\$7,768	\$7,267
710065	RESERVOIRS	Resv & Tanks-Twining	\$11,629	\$6,008	\$25,755	\$13,307	\$12,448
710066	RESERVOIRS	R&T - Nowel-Thompson	\$2,300	\$1,188	\$5,094	\$2,632	\$2,462
710067	RESERVOIRS	4-S Ranch-Landscape	\$16,646	\$8,600	\$36,868	\$19,049	\$17,820
710057	RESERVOIRS	Wanket Tank Repair	\$4,960	\$2,645	\$11,160	\$5,952	\$5,208
710060	RESERVOIRS	Reservoir & Tanks	\$7,292	\$3,889	\$16,408	\$8,751	\$7,657
710053	RESERVOIRS	Maryloyd	\$28,132	\$15,941	\$65,754	\$37,261	\$28,494
710037	RESERVOIRS	Palm Res-Landscape	\$5,403	\$3,726	\$14,769	\$10,186	\$4,584
710038	RESERVOIRS	Gaty li Reservoir	\$17,151	\$11,627	\$46,885	\$31,787	\$15,099
710033	RESERVOIRS	Gaty li Res-Initial	\$2,987,530	\$2,041,479	\$8,893,866	\$6,077,475	\$2,816,391
710034	RESERVOIRS	Gaty li- Int Cap	\$77,557	\$52,997	\$230,887	\$157,773	\$73,114
710028	RESERVOIRS	Palms Reservoir li	\$350,902	\$245,631	\$1,153,770	\$807,639	\$346,131
710016	RESERVOIRS	Wanket Tank	\$45,267	\$32,441	\$167,800	\$120,257	\$47,543
710015	RESERVOIRS	Additions F/Y 78	\$17,122	\$12,556	\$67,505	\$49,504	\$18,001
710012	RESERVOIRS	Wanket Tank	\$358,660	\$274,973	\$2,014,927	\$1,544,777	\$470,150
710009	RESERVOIRS	Wanket Tank Unit "J"	\$12,777	\$10,009	\$77,913	\$61,032	\$16,881
710001	RESERVOIRS	200' Reservoir Palms #1	\$58,304	\$53,445	\$732,255	\$671,234	\$61,021
710003	RESERVOIRS	Gaty Reservoir	\$202,475	\$199,100	\$3,031,204	\$2,980,684	\$50,520
710006	RESERVOIRS	Maryloyd Reservoir	\$31,172	\$30,652	\$466,668	\$458,891	\$7,778
710007	RESERVOIRS	Golem Reservoir	\$56,988	\$56,038	\$853,153	\$838,934	\$14,219
727109	RESERVOIRS-RC	Pond Driveway Expansion	\$18,400	\$6,624	\$24,085	\$8,671	\$15,415
727110	RESERVOIRS-RC	Pond Fencing/Landscape Imprvmt	\$28,898	\$17,339	\$37,828	\$22,697	\$15,131
202147	RESERVOIRS-REC	STORAGE POND LANDSCAPE	\$364,348	\$72,870	\$407,655	\$81,531	\$326,124
297830	RESERVOIRS-REC	STORAGE POND LANDSCAPE	\$30,017	\$12,007	\$33,909	\$13,564	\$20,345
727111	RESERVOIRS-REC	WIEGAND RESERVOIR CONVERSION	\$123,823	\$37,147	\$149,817	\$44,945	\$104,872
727112	RESERVOIRS-REC	STORAGE POND ACCESS RD	\$424,995	\$169,998	\$514,214	\$205,686	\$308,529
727102	RESERVOIRS-REC	Storage Pond Const	\$764,777	\$244,729	\$1,206,990	\$386,237	\$820,753
727104	RESERVOIRS-REC	Storage Pond Struct	\$1,802,242	\$576,718	\$2,844,344	\$910,190	\$1,934,154
727105	RESERVOIRS-REC	Storage Pond Sprnklr	\$202,707	\$129,732	\$319,917	\$204,747	\$115,170
940001	SEWER LATERALS	Building J Lateral	\$277,299	\$76,257	\$372,130	\$102,336	\$269,794
202101	SHOP/FIELDEQUIP	LINE LOCATING EQUIPMENT	\$6,911	\$2,764	\$7,732	\$3,093	\$4,639
297874	SHOP/FIELDEQUIP	CANYCOM BFP 602HB POWERED WHEELBARROW	\$7,540	\$3,232	\$8,397	\$3,599	\$4,798
297876	SHOP/FIELDEQUIP	TIRE WHEEL BALANCER	\$6,196	\$2,655	\$6,899	\$2,957	\$3,942
297877	SHOP/FIELDEQUIP	LINE LOCATING EQUIPMENT	\$5,920	\$3,552	\$6,592	\$3,955	\$2,637
820528	SHOP/FIELDEQUIP	SC200 CONTROLLER (WTP)	\$2,191	\$876	\$2,475	\$990	\$1,485
820529	SHOP/FIELDEQUIP	TU5400 TURBIDMETER (WTP)	\$7,158	\$2,863	\$8,086	\$3,234	\$4,852
820530	SHOP/FIELDEQUIP	TU5400 TURBIDITY ANALYZER (WTP)	\$7,278	\$2,911	\$8,222	\$3,289	\$4,933
820531	SHOP/FIELDEQUIP	DEPOLOX FREE CL2 ANALYZER (WTP)	\$6,070	\$2,428	\$6,857	\$2,743	\$4,114
820532	SHOP/FIELDEQUIP	GANTRY CRANE 4,000 LB (WTP)	\$7,498	\$2,999	\$8,470	\$3,388	\$5,082
820533	SHOP/FIELDEQUIP	FALL RETRIEVAL SYSTEM (WTP)	\$9,735	\$2,596	\$10,998	\$2,933	\$8,065
8205034	SHOP/FIELDEQUIP	CANDLE ASSEMBLY (WTP)	\$24,996	\$6,666	\$28,237	\$7,530	\$20,707
820520	SHOP/FIELDEQUIP	WTP CONDUCTIVITY PROBE/CONTROLLER	\$5,080	\$2,540	\$5,889	\$2,944	\$2,944
820468	SHOP/FIELDEQUIP	ELECTRICAL INSTALLATION	\$9,098	\$5,459	\$11,008	\$6,605	\$4,403
820492	SHOP/FIELDEQUIP	SURVEILLANCE SYSTEM UPGRADES	\$40,912	\$24,547	\$49,501	\$29,700	\$19,800
208242	SHOP/FIELDEQUIP	4000A Reconditioned Breaker	\$15,485	\$7,226	\$19,021	\$8,876	\$10,144
208243	SHOP/FIELDEQUIP	Wachs HPU-750 Hydraulic Pump	\$5,872	\$4,110	\$7,213	\$5,049	\$2,164

Appendix B: Water Capital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
208246	SHOP/FIELDEQUIP	4" Sensus Meter Tester	\$9,458	\$4,414	\$11,617	\$5,421	\$6,196
208235	SHOP/FIELDEQUIP	Unit Z Pumps	\$45,636	\$24,339	\$57,319	\$30,570	\$26,749
258220	SHOP/FIELDEQUIP	Cathodic Test Sta	\$41,725	\$35,467	\$67,815	\$57,643	\$10,172
258222	SHOP/FIELDEQUIP	Lone Jack Rd Hydrant	\$15,543	\$13,211	\$25,262	\$21,472	\$3,789
728231	SHOP/FIELD-REC	4S I RECYCLED CLA VALVES	\$6,934	\$3,467	\$8,037	\$4,019	\$4,019
728232	SHOP/FIELD-REC	TURBINE PUMP	\$14,998	\$7,499	\$17,386	\$8,693	\$8,693
728235	SHOP/FIELD-REC	REPLACEMENT BLADDER - SFV RAW WTR PS	\$22,089	\$15,778	\$25,605	\$18,289	\$7,316
728230	SHOP/FIELD-REC	WIEGAND RESERVOIR IRRIGATION PUMP	\$9,315	\$5,589	\$11,271	\$6,762	\$4,508
728228	SHOP/FIELD-REC	SAMPLE COLLECTION EQUIPMENT	\$7,146	\$6,125	\$8,647	\$7,411	\$1,235
728229	SHOP/FIELD-REC	LINER FLOOR OF PUMP STATION	\$6,237	\$5,346	\$7,546	\$6,468	\$1,078
728226	SHOP/FIELD-REC	SOLAR BEE WATER MIXER @ WW	\$68,273	\$27,309	\$82,606	\$33,042	\$49,564
728224	SHOP/FIELD-REC	Wachs HPU-750 Hydraulic Pump	\$1,957	\$1,370	\$2,404	\$1,683	\$721
728202	SHOP/FIELD-REC	Rcyld Sys Equipment	\$257,006	\$137,070	\$405,613	\$216,327	\$189,286
710063	STEEL RESERVRS	Weigand & Denk Tank	\$20,544	\$10,614	\$45,502	\$23,509	\$21,992
710058	STEEL RESERVRS	Weigand & Denk Tank	\$181,757	\$96,937	\$408,981	\$218,123	\$190,858
710059	STEEL RESERVRS	Peay Reservoir	\$518,896	\$276,744	\$1,167,595	\$622,717	\$544,878
710061	STEEL RESERVRS	4-S Ranch Reservoir	\$1,265,420	\$674,891	\$2,847,388	\$1,518,607	\$1,328,781
710054	STEEL RESERVRS	Peay Reservoir - Paint Mtn	\$5,362,516	\$2,949,384	\$12,493,259	\$6,871,293	\$5,621,967
710041	STEEL RESERVRS	Zorro Reservoir	\$402,060	\$261,339	\$1,070,965	\$696,127	\$374,838
710039	STEEL RESERVRS	Roger Miller Res	\$39,516	\$26,790	\$108,026	\$73,238	\$34,788
710040	STEEL RESERVRS	Denk Reservoir	\$2,112,243	\$1,408,162	\$5,774,321	\$3,849,547	\$1,924,774
710032	STEEL RESERVRS	Roger Miller Res-Int	\$1,368,254	\$934,973	\$4,073,286	\$2,783,412	\$1,289,874
710035	STEEL RESERVRS	R.Miller Res-Int Cap	\$43,454	\$29,694	\$129,362	\$88,398	\$40,965
710002	STEEL RESERVRS	400' Reservoir Zorro	\$71,012	\$65,094	\$891,858	\$817,537	\$74,322
710004	STEEL RESERVRS	Wiegand Reservoir	\$64,745	\$61,508	\$899,405	\$854,435	\$44,970
727101	STEEL RSVR RECY	Thelma Miller Rsvr	\$1,095,453	\$350,545	\$1,728,872	\$553,239	\$1,175,633
727106	STEEL RSVR RECY	T.Miller Rsvr Int	\$119,525	\$38,248	\$188,637	\$60,364	\$128,273
410505	STUDY COSTS-REC	Implement Recycled	\$32,547	\$27,408	\$51,366	\$43,256	\$8,110
410502	STUDY COSTS-REC	Recycled Agreement	\$420,735	\$357,625	\$683,813	\$581,241	\$102,572
212223	TREATMENT PLANT	CHEMICAL SYSTEM UPDATE	\$5,895	\$590	\$6,103	\$610	\$5,493
212224	TREATMENT PLANT	MEMBRANE REPLACEMENT	\$747,271	\$74,727	\$773,632	\$77,363	\$696,269
212225	TREATMENT PLANT	CHLORINE GENERATION CELL	\$22,804	\$2,280	\$23,608	\$2,361	\$21,247
212226	TREATMENT PLANT	TRAIN 9 CONTROL WIRING	\$36,139	\$3,614	\$37,414	\$3,741	\$33,672
202159	TREATMENT PLANT	CHEMICAL SYSTEM UPDATE	\$453,961	\$90,792	\$507,920	\$101,584	\$406,336
202160	TREATMENT PLANT	VALVE ACTUATORS	\$23,064	\$4,613	\$25,805	\$5,161	\$20,644
202161	TREATMENT PLANT	TRAINS 9 & 10 - VALVES	\$43,847	\$8,769	\$49,059	\$9,812	\$39,247
202162	TREATMENT PLANT	MEMBRANES	\$681,754	\$136,351	\$762,789	\$152,558	\$610,231
202163	TREATMENT PLANT	PUMPS & MOTORS	\$9,810	\$1,962	\$10,976	\$2,195	\$8,781
297863	TREATMENT PLANT	RECOAT EQUIPMENT	\$23,936	\$7,181	\$26,654	\$7,996	\$18,658
297864	TREATMENT PLANT	SETTLER UNIT 3	\$153,683	\$46,105	\$171,134	\$51,340	\$119,794
297865	TREATMENT PLANT	VALVE ACTUATORS	\$235,919	\$70,776	\$262,708	\$78,812	\$183,896
297866	TREATMENT PLANT	STRUCTURAL ENGINEERING	\$17,828	\$3,566	\$19,852	\$3,970	\$15,882
297867	TREATMENT PLANT	MEMBRANES - TRAIN 8	\$668,289	\$200,487	\$744,176	\$223,253	\$520,923
297869	TREATMENT PLANT	REPLACE PUMP AND MOTORS	\$60,068	\$18,020	\$66,888	\$20,067	\$46,822
295054	TREATMENT PLANT	RECOAT EQUIPMENT	\$27,990	\$11,196	\$31,620	\$12,648	\$18,972
295055	TREATMENT PLANT	HVAC SYSTEM	\$142,369	\$37,965	\$160,831	\$42,888	\$117,943
295056	TREATMENT PLANT	SETTLER UNIT 1	\$95,546	\$25,479	\$107,937	\$28,783	\$79,154
295057	TREATMENT PLANT	SETTLER UNIT 3	\$85,041	\$22,678	\$96,069	\$25,618	\$70,451
295058	TREATMENT PLANT	SEWER SYS (BLDG) REHAB	\$206,441	\$33,031	\$233,213	\$37,314	\$195,899
295059	TREATMENT PLANT	TRANSFORMER REPLACEMENT	\$33,800	\$9,013	\$38,183	\$10,182	\$28,001

Appendix B: Water Capital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
295060	TREATMENT PLANT	MAIN COMPRESSOR	\$151,743	\$40,465	\$171,420	\$45,712	\$125,708
295061	TREATMENT PLANT	STRAINER ISOLATION VALVE	\$134,751	\$35,934	\$152,226	\$40,594	\$111,632
295062	TREATMENT PLANT	STREAMING CURRENT MONITOR #2	\$19,442	\$7,777	\$21,963	\$8,785	\$13,178
295063	TREATMENT PLANT	SOLENOID REPLACEMENT	\$26,204	\$10,482	\$29,602	\$11,841	\$17,761
295064	TREATMENT PLANT	MEMBRANES - TRAIN 7	\$609,254	\$243,702	\$688,262	\$275,305	\$412,957
295065	TREATMENT PLANT	MEMBRANES - TRAIN 3	\$612,716	\$245,087	\$692,173	\$276,869	\$415,304
295066	TREATMENT PLANT	SECURITY CAMERAS (SECURITY CAMERA KING)	\$12,033	\$9,627	\$13,594	\$10,875	\$2,719
295067	TREATMENT PLANT	PUMP & MOTORS REPLACEMENT	\$30,387	\$12,155	\$34,328	\$13,731	\$20,597
295048	TREATMENT PLANT	AMMONIA SYSTEM EQUIPMENT	\$86,684	\$43,342	\$100,481	\$50,241	\$50,241
295049	TREATMENT PLANT	VARIABLE FEQUENCY DRIVES (VFD'S)	\$82,455	\$41,228	\$95,580	\$47,790	\$47,790
295050	TREATMENT PLANT	HYPOCHLORITE TANK	\$55,191	\$27,596	\$63,976	\$31,988	\$31,988
295052	TREATMENT PLANT	THM ANALYZER (NEW)	\$68,101	\$34,051	\$78,941	\$39,470	\$39,470
295053	TREATMENT PLANT	TRAIN 7 BASIN REFURBISHED	\$35,961	\$11,987	\$41,685	\$13,895	\$27,790
295041	TREATMENT PLANT	DIST SYS PROGRAM LOGIC CONTROLLERS	\$10,858	\$6,515	\$13,137	\$7,882	\$5,255
295042	TREATMENT PLANT	VARIABLE FREQUENCY DRIVES (VFD'S) PUMPS	\$137,467	\$82,480	\$166,325	\$99,795	\$66,530
295043	TREATMENT PLANT	BRINE TANK	\$49,692	\$19,877	\$60,124	\$24,050	\$36,074
295045	TREATMENT PLANT	PUMPS & MOTORS	\$33,846	\$20,307	\$40,951	\$24,571	\$16,380
295047	TREATMENT PLANT	MEMBRANES - TRAIN 1	\$555,852	\$333,511	\$672,543	\$403,526	\$269,017
295037	TREATMENT PLANT	DIST SYSTEM PGM LOGIC CONTROLLERS-PLC'S	\$98,977	\$49,488	\$119,755	\$59,878	\$59,878
295038	TREATMENT PLANT	VARIABLE FREQUENCY DRIVES (VFD'S)	\$290,487	\$174,292	\$351,469	\$210,881	\$140,588
295039	TREATMENT PLANT	PUMP & MOTORS	\$30,198	\$18,119	\$36,538	\$21,923	\$14,615
295040	TREATMENT PLANT	MEMBRANES	\$1,237,038	\$742,223	\$1,496,730	\$898,038	\$598,692
295035	TREATMENT PLANT	Hypochlorite Generation System Upgrades	\$535,059	\$374,541	\$657,245	\$460,072	\$197,174
295036	TREATMENT PLANT	Solenoid Valve Replacements	\$78,569	\$45,832	\$96,511	\$56,298	\$40,213
295027	TREATMENT PLANT	420 ZW-500D Membranes	\$507,963	\$451,522	\$637,997	\$567,109	\$70,889
295028	TREATMENT PLANT	21 20-Module ZW 500D Cassettes	\$299,809	\$119,924	\$376,558	\$150,623	\$225,935
295030	TREATMENT PLANT	Hypochlorite Tanks	\$321,741	\$171,595	\$404,105	\$215,523	\$188,582
295031	TREATMENT PLANT	Fluoridation System - Building	\$644,116	\$171,764	\$809,005	\$215,735	\$593,271
295032	TREATMENT PLANT	Fluoridation System - Equipment & Pumps	\$648,094	\$345,650	\$814,002	\$434,134	\$379,868
295033	TREATMENT PLANT	Turbines	\$1,240,397	\$661,545	\$1,557,930	\$830,896	\$727,034
295034	TREATMENT PLANT	Turbines	\$1,240,397	\$330,773	\$1,557,930	\$415,448	\$1,142,482
295017	TREATMENT PLANT	Vinyl Automated Double Gate	\$34,419	\$12,391	\$45,054	\$16,220	\$28,835
295018	TREATMENT PLANT	Via Ambiente Gate	\$25,714	\$9,257	\$33,659	\$12,117	\$21,542
295019	TREATMENT PLANT	Element Strainers (3)	\$279,964	\$167,978	\$366,468	\$219,881	\$146,587
295020	TREATMENT PLANT	Membranes	\$141,904	\$127,714	\$185,750	\$167,175	\$18,575
295021	TREATMENT PLANT	Lt2 Equipment	\$672,536	\$302,641	\$880,339	\$396,152	\$484,186
295022	TREATMENT PLANT	Residual Handling Building	\$2,533,360	\$456,005	\$3,316,125	\$596,902	\$2,719,222
295023	TREATMENT PLANT	Steel Water Storage Tanks	\$1,724,268	\$310,368	\$2,257,037	\$406,267	\$1,850,771
295024	TREATMENT PLANT	Lt2 Upgrades	\$19,808,088	\$3,565,456	\$25,928,449	\$4,667,121	\$21,261,328
295025	TREATMENT PLANT	Lt2 Capitalized Interest	\$1,052,928	\$189,527	\$1,378,265	\$248,088	\$1,130,178
295026	TREATMENT PLANT	Lt2 Materials	\$107,262	\$96,536	\$140,405	\$126,364	\$14,040
295014	TREATMENT PLANT	Clortec Ct-750 Cell	\$25,029	\$13,766	\$33,588	\$18,473	\$15,115
295016	TREATMENT PLANT	Frame - Zw-500D Modules (40)	\$581,830	\$320,007	\$780,805	\$429,443	\$351,362
295012	TREATMENT PLANT	Cla Valve Check Valves	\$27,983	\$8,395	\$37,888	\$11,366	\$26,522
295013	TREATMENT PLANT	Clean In Place Heating System	\$35,100	\$21,060	\$47,525	\$28,515	\$19,010
295002	TREATMENT PLANT	Wtp Gate	\$75,695	\$39,362	\$104,429	\$54,303	\$50,126
295005	TREATMENT PLANT	Cassette Frames 500D(20'S) 72	\$1,002,802	\$521,457	\$1,383,469	\$719,404	\$664,065
295006	TREATMENT PLANT	Feed Channel Baffle Wall	\$75,339	\$39,176	\$103,938	\$54,048	\$49,890
295007	TREATMENT PLANT	Crane & Hoist	\$29,759	\$15,475	\$41,056	\$21,349	\$19,707
285002	TREATMENT PLANT	Control Instrumentation	\$80,670	\$56,469	\$117,433	\$82,203	\$35,230

Appendix B: Water Capital Fee Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
285003	TREATMENT PLANT	Basin Walls Resurfacing	\$271,851	\$76,118	\$395,741	\$110,807	\$284,933
285004	TREATMENT PLANT	Ammonia Treatment Facility	\$2,277,932	\$637,821	\$3,316,040	\$928,491	\$2,387,549
265001	TREATMENT PLANT	Back-Pulse Tanks	\$301,638	\$193,048	\$476,053	\$304,674	\$171,379
265002	TREATMENT PLANT	Fish Screens	\$645,396	\$104,306	\$1,018,581	\$164,619	\$853,962
265003	TREATMENT PLANT	Fencing	\$23,297	\$14,910	\$36,768	\$23,531	\$13,236
265004	TREATMENT PLANT	Trains-Rplc/Coat	\$234,942	\$93,977	\$370,792	\$148,317	\$222,475
255001	TREATMENT PLANT	Emerg Generation Sys	\$248,261	\$168,818	\$403,494	\$274,376	\$129,118
255002	TREATMENT PLANT	Aeration System	\$63,708	\$43,322	\$103,544	\$70,410	\$33,134
255003	TREATMENT PLANT	Flow Control Fac #8	\$759,916	\$516,743	\$1,235,075	\$839,851	\$395,224
255004	TREATMENT PLANT	Flow Control Fac #8	\$759,916	\$258,371	\$1,235,075	\$419,926	\$815,150
255005	TREATMENT PLANT	Flow Control Fac #8	\$759,916	\$172,248	\$1,235,075	\$279,950	\$955,125
245006	TREATMENT PLANT	Circuit Breakers Vfd	\$84,424	\$50,655	\$139,008	\$83,405	\$55,603
245007	TREATMENT PLANT	Gravity Settler	\$105,099	\$63,060	\$173,050	\$103,830	\$69,220
245008	TREATMENT PLANT	Wtp Elec Supply	\$100,000	\$36,000	\$164,654	\$59,275	\$105,378
245009	TREATMENT PLANT	Equalization Tank	\$73,769	\$66,392	\$121,463	\$109,317	\$12,146
245010	TREATMENT PLANT	Equalization Tank	\$73,769	\$33,196	\$121,463	\$54,658	\$66,805
245012	TREATMENT PLANT	Wtp Trains 9 & 10	\$166,660	\$74,997	\$274,412	\$123,485	\$150,926
245014	TREATMENT PLANT	9.0 Mgd Expansion	\$1,349,191	\$693,870	\$2,221,491	\$1,142,481	\$1,079,010
245015	TREATMENT PLANT	9.0 Mgd Expansion	\$1,892,689	\$681,368	\$3,116,380	\$1,121,897	\$1,994,483
238109	TREATMENT PLANT	Wtp - Building	\$917,570	\$697,353	\$1,643,276	\$1,248,890	\$394,386
238110	TREATMENT PLANT	Wtp - Building	\$1,143,714	\$620,873	\$2,048,278	\$1,111,923	\$936,356
238111	TREATMENT PLANT	Wtp - Building	\$22,357,212	\$8,495,741	\$40,039,541	\$15,215,025	\$24,824,515
238204	TREATMENT PLANT	Cyclic Aeration	\$694,558	\$527,864	\$1,243,885	\$945,353	\$298,532
238207	TREATMENT PLANT	Centrifuge	\$324,073	\$175,925	\$580,382	\$315,064	\$265,317
238211	TREATMENT PLANT	Membranes	\$437,194	\$415,335	\$782,971	\$743,823	\$39,149
238212	TREATMENT PLANT	Membranes	\$975,125	\$529,354	\$1,746,352	\$948,020	\$798,332
238213	TREATMENT PLANT	Membranes	\$975,125	\$370,548	\$1,746,352	\$663,614	\$1,082,738
400009	TREATMENT PLANT	Wtp Capitalized Int	\$3,829,010	\$1,455,024	\$6,857,375	\$2,605,803	\$4,251,573
			\$ 212,356,039	\$ 81,940,193	\$ 340,513,246	\$ 142,965,675	\$ 197,547,571

APPENDIX C:

Water Pipeline Assets Valuation

Appendix C: Water Pipeline Assets Valuation

Olivenhain Municipal Water District - 2022 Water Capacity Study

Transmission & Distribution Pipeline Costs	Zone A	Zone B	Zone C	Zone D	Zone E	Unknown - Allocated Proportionally	Total
Costs Per Zone	\$484,407,634	\$697,432,677	\$90,643,447	\$327,004,818	\$175,099,681	\$40,072,728	\$1,814,660,985
Percentage of Zone Costs	27%	39%	5%	18%	10%		
Allocated Distributed Pipe Costs - Total	\$495,346,248	\$713,181,699	\$92,690,305	\$334,389,052	\$179,053,681		\$1,814,660,985
Allocated Distributed Pipe Costs - Adj. to RCLD	\$259,778,380	\$374,019,562	\$48,610,315	\$175,366,315	\$93,902,549		\$951,677,120
Calculated of Contributed Assets Percentages	Zone A	Zone B	Zone C	Zone D	Zone E	Total	
Non-Contributed	\$31,535,643	\$27,263,377	\$134,916	\$9,735,805	\$4,379,670		
Contributed Assets	\$24,900,476	\$14,240,068	\$8,065,046	\$21,092,562	\$32,615,409		
Total Assets	\$56,436,119	\$41,503,445	\$8,199,962	\$30,828,367	\$36,995,079		
% - Non-Contributed	56%	66%	2%	32%	12%		
% - Contributed Assets	44%	34%	98%	68%	88%		
Pipeline Replacement Costs Less Depreciation, net CIAC	\$145,160,199	\$245,691,321	\$799,798	\$55,381,856	\$11,116,673		\$458,149,848

Summary Pipeline Assets

RCLD -RC Ratio52%

Asset Class	Inflate?	Fund	Original Cost	Replacement Cost	Original Cost Less Depreciation	Replacement Cost Less Depreciation	Selection: Replacement Cost Less Depreciation
CNT PIPELINES	Yes	100	\$107,607,281	\$190,008,862	\$63,203,477	\$97,551,798	\$97,551,798
CNT PIPELN EXT	Yes	100	\$12,153,089	\$27,781,606	\$4,812,515	\$8,566,636	\$8,566,636
PIPELINES	Yes	100	\$94,975,690	\$165,212,590	\$64,523,187	\$86,010,210	\$86,010,210
PIPELINES-REC	Yes	120	\$16,682,796	\$21,176,151	\$13,581,262	\$17,084,856	\$17,084,856
CNT PIPELNS-REC	Yes	120	\$13,404,696	\$19,290,543	\$8,993,377	\$12,870,117	\$12,870,117
Total			\$244,823,552	\$423,469,752	\$155,113,818	\$222,083,616	\$222,083,616
			TRUE	TRUE	TRUE	TRUE	

Fund	Original Cost	Replacement Cost	Original Cost Less Depreciation	Replacement Cost Less Depreciation	Selection
100 Water	\$214,736,060	\$383,003,058	\$132,539,179	\$192,128,643	\$192,128,643
120 Recycled Water	\$30,087,492	\$40,466,694	\$22,574,639	\$29,954,974	\$29,954,974
Total	\$244,823,552	\$423,469,752	\$155,113,818	\$222,083,616	\$222,083,616
	TRUE	TRUE	TRUE	TRUE	TRUE

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	212235 CNT PIPELINES	MIRA COSTA COLLEGE B200 FDC INSTALL	20,762	\$519	\$21,494	\$537	\$20,957
	212236 CNT PIPELINES	1509 ENC BLVD FDC & WS INSTALL	36,257	\$906	\$37,536	\$938	\$36,598
	212239 CNT PIPELINES	MIRA COSTA COLLEGE BLDG B100 FDC INSTALL	20,762	\$519	\$21,494	\$537	\$20,957
	212240 CNT PIPELINES	THE BEACON - FDC INSTALL	68,583	\$1,715	\$71,002	\$1,775	\$69,227
	212241 CNT PIPELINES	MAIN EXT 145B - CALLE PONTE BELLA	97,055	\$2,426	\$100,479	\$2,512	\$97,967
	212237 CNT PIPELINES	3281 POPPY HILLS LANE FH INSTALL	13,615	\$340	\$14,095	\$352	\$13,743
	212238 CNT PIPELINES	EXT 246 - DESERT ROSE WAY	108,380	\$2,710	\$112,203	\$2,805	\$109,398
	212234 CNT PIPELINES	16020 VIA DICHA WS INSTALL	11,998	\$300	\$12,421	\$311	\$12,111
	202125 CNT PIPELINES	121 AVENIDA ESPERANZA WS INSTALL	11,840	\$592	\$13,247	\$662	\$12,585
	202126 CNT PIPELINES	504 WHISPERWIND DR WS INSTALL	11,840	\$592	\$13,247	\$662	\$12,585
	202128 CNT PIPELINES	ENCINITAS VILLAGE WS INSTAL	12,008	\$600	\$13,435	\$672	\$12,764
	202129 CNT PIPELINES	THE BEACON FH & WS RELOCATION PJT	12,118	\$606	\$13,558	\$678	\$12,880
	202133 CNT PIPELINES	WESTMONT ENCINITAS FDC & WS (2) INSTALL	46,353	\$2,318	\$51,863	\$2,593	\$49,270
	202123 CNT PIPELINES	6804 CALLE PORTONE 4" FS INSTALL	22,601	\$1,130	\$25,287	\$1,264	\$24,023
	202124 CNT PIPELINES	PARCEL 4 COPPER CREST RD WS INSTALL	12,008	\$600	\$13,435	\$672	\$12,764
	202130 CNT PIPELINES	ELFIN VISTA LN WS RELOCATION	11,840	\$592	\$13,247	\$662	\$12,585
	202131 CNT PIPELINES	1170 VIA DI FELICITA RD WS INSTALL	11,840	\$592	\$13,247	\$662	\$12,585
	202132 CNT PIPELINES	ELFIN VISTA LN FDC & WS INSTALL	33,841	\$1,692	\$37,863	\$1,893	\$35,970
	202134 CNT PIPELINES	2902 & 2920 LONE JACK RD FH & WS INSTALL	37,116	\$1,856	\$41,528	\$2,076	\$39,451
	202127 CNT PIPELINES	8960 MT ISRAEL RD WS INSTALL	12,008	\$600	\$13,435	\$672	\$12,764
	202121 CNT PIPELINES	16591 RIO VISTA WATER SERVICE INSTALL	12,008	\$600	\$13,435	\$672	\$12,764
	202122 CNT PIPELINES	16627 RIO VISTA ROAD FDC & WS INSTALL	34,513	\$1,726	\$38,615	\$1,931	\$36,685
	297930 CNT PIPELINES	FDC DIEGUENO MIDDLE SCHOOL	20,253	\$1,519	\$22,553	\$1,691	\$20,861
	297926 CNT PIPELINES	WS 3800 CANYON DE ORO	11,703	\$878	\$13,032	\$977	\$12,055
	297928 CNT PIPELINES	FH 18490 LAGO VISTA (LOT 23)	13,280	\$996	\$14,788	\$1,109	\$13,679
	297933 CNT PIPELINES	FS 2" 18568 CALLE FLORES	12,533	\$940	\$13,956	\$1,047	\$12,909
	297934 CNT PIPELINES	FDC 6847 VIA DEL CHARRO	20,253	\$1,519	\$22,553	\$1,691	\$20,861
	297936 CNT PIPELINES	WS 3456 BUMANN ROAD	11,703	\$878	\$13,032	\$977	\$12,055
	297937 CNT PIPELINES	WS 4180 CANYON DE ORO	11,703	\$878	\$13,032	\$977	\$12,055
	297938 CNT PIPELINES	FH 19828 FORTUNA DEL ESTE	13,280	\$996	\$14,788	\$1,109	\$13,679
	297939 CNT PIPELINES	FH 7499 VISTA RANCHO CT	13,280	\$996	\$14,788	\$1,109	\$13,679
	297900 CNT PIPELINES	WS 9530 MT ISRAEL RD	11,703	\$878	\$13,032	\$977	\$12,055
	297935 CNT PIPELINES	WS (NEW) UPSIZE TO 1" 9433 MT ISRAEL	11,869	\$890	\$13,217	\$991	\$12,226
	297940 CNT PIPELINES	WS REPAIR 2" RANCHO VALENCIA VISTA	5,644	\$423	\$6,285	\$471	\$5,814
	297925 CNT PIPELINES	WS & FDC 16510 ARTESIAN HILLS	31,956	\$2,397	\$35,585	\$2,669	\$32,916
	297927 CNT PIPELINES	FDC HELEN WOODWARD ANIMAL CENTER	21,581	\$1,619	\$24,032	\$1,802	\$22,229
	297929 CNT PIPELINES	WS 16147 VIA DE SANTA FE	11,703	\$878	\$13,032	\$977	\$12,055
	297931 CNT PIPELINES	WS 7533 DEL DIOS HWY	24,984	\$1,874	\$27,821	\$2,087	\$25,734
	297932 CNT PIPELINES	WS & FDC 16413 RIO VISTA RD	34,114	\$2,559	\$37,988	\$2,849	\$35,139
	760234 CNT PIPELINES	WTR SVC (2) ENC VILL SQ PHASE 2	11,732	\$1,173	\$13,253	\$1,325	\$11,928
	760238 CNT PIPELINES	WATER SERVICE - 3111 CADENCIA STREEET	8,861	\$886	\$10,010	\$1,001	\$9,009
	760235 CNT PIPELINES	WATER SERVICE - 3453 BUMANN RD	11,732	\$1,173	\$13,253	\$1,325	\$11,928
	760237 CNT PIPELINES	WATER SERVICE - 9545 MT ISRAEL ROAD	11,568	\$1,157	\$13,068	\$1,307	\$11,761
	760236 CNT PIPELINES	WATER SERVICE - BIANCAMANO PARCEL	11,568	\$1,157	\$13,068	\$1,307	\$11,761
	760231 CNT PIPELINES	BERRYMAN CANYON ENCLAVE PHASE 1	255,101	\$31,888	\$295,705	\$36,963	\$258,742
	760232 CNT PIPELINES	BERRYMAN CANYON ENCLAVE PHASE 2	50,679	\$6,335	\$58,745	\$7,343	\$51,402

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
760233	CNT PIPELINES	BERRYMAN CANYON ENCLAVE PHASE 3	51,957	\$6,495	\$60,227	\$7,528	\$52,699
760229	CNT PIPELINES	FAIR OAKS VALLEY	809,147	\$101,143	\$937,938	\$117,242	\$820,695
760230	CNT PIPELINES	RANCHO SANTA FE FARMS RD REALIGNMENT	147,470	\$18,434	\$170,943	\$21,368	\$149,575
760228	CNT PIPELINES	FIRE HYDRANT - 9021 DETWILER RD	11,812	\$1,772	\$14,292	\$2,144	\$12,148
760227	CNT PIPELINES	RANCHO SANTA FE LAKES UNIT 3	1,602,160	\$240,324	\$1,938,503	\$290,775	\$1,647,728
760212	CNT PIPELINES	LA COSTA TOWN SQUARE COMMERCIAL	121,326	\$14,559	\$146,796	\$17,616	\$129,181
760214	CNT PIPELINES	669 RSF RD 1.5" LATERAL	8,420	\$1,010	\$10,188	\$1,223	\$8,965
760215	CNT PIPELINES	GRAUER SCHOOL FDC & WS	23,640	\$2,837	\$28,603	\$3,432	\$25,170
760224	CNT PIPELINES	SDUHS DISTRICT WS & FDC	29,551	\$3,546	\$35,755	\$4,291	\$31,464
760221	CNT PIPELINES	LA COSTA TOWN SQUARE - TAYLOR MORRISON	239,285	\$28,714	\$289,518	\$34,742	\$254,776
760213	CNT PIPELINES	9519 MT ISRAEL RD FH & FS INSTALL	19,750	\$2,370	\$23,896	\$2,868	\$21,029
760217	CNT PIPELINES	7604 TOP O THE MORNING WS RELOCATION	8,421	\$1,011	\$10,189	\$1,223	\$8,966
760216	CNT PIPELINES	CROSBY ENCLAVE	110,413	\$13,250	\$133,592	\$16,031	\$117,561
760218	CNT PIPELINES	16593 FRANZEN FARM RD WS INSTALL	8,421	\$1,011	\$10,189	\$1,223	\$8,966
760219	CNT PIPELINES	LOT 106 CERRO DEL SOL WS RELOCATION	8,421	\$1,011	\$10,189	\$1,223	\$8,966
760220	CNT PIPELINES	RSF LAKES UNIT 4 - PROVINCE COURT	124,521	\$14,943	\$150,662	\$18,079	\$132,582
760223	CNT PIPELINES	6716 POCO LAGO FDC & WS INSTALL	35,935	\$4,312	\$43,479	\$5,217	\$38,261
760226	CNT PIPELINES	RANCHO PASEANA FDC INSTALL	13,295	\$1,595	\$16,086	\$1,930	\$14,156
297670	CNT PIPELINES	204 N El Camino Real FDC	9,000	\$1,260	\$11,055	\$1,548	\$9,508
297672	CNT PIPELINES	La Costa Town Square @ La Costa Ave	583,600	\$81,704	\$716,871	\$100,362	\$616,509
297671	CNT PIPELINES	Rancho Cielo Parcel "M"	493,300	\$69,062	\$605,950	\$84,833	\$521,117
297673	CNT PIPELINES	8948 Mt Israel Rd FDC & WS	21,000	\$2,940	\$25,796	\$3,611	\$22,184
297674	CNT PIPELINES	6415 Rancho Santa Fe Farms Rd Fire Svc	8,200	\$1,148	\$10,073	\$1,410	\$8,662
297675	CNT PIPELINES	4S Ranch Carls JR Wtr Svc Install	10,900	\$1,526	\$13,389	\$1,874	\$11,515
297660	CNT PIPELINES	Westridge - Aryana Drive	181,000	\$28,960	\$227,335	\$36,374	\$190,961
297664	CNT PIPELINES	Lux Institue 4" FDC & 6" Gate Valve	9,000	\$1,440	\$11,304	\$1,809	\$9,495
297669	CNT PIPELINES	Manchester Ave 2 Way Hydrant	10,000	\$1,600	\$12,560	\$2,010	\$10,550
297659	CNT PIPELINES	Rancho Pacifica TM 5148	115,000	\$18,400	\$144,439	\$23,110	\$121,329
297661	CNT PIPELINES	La Costa Town Square 18" PL Relocation	129,000	\$20,640	\$162,023	\$25,924	\$136,099
297667	CNT PIPELINES	Via Roswitha,RSF,TDC,G V & 2 Way Hydrant	18,000	\$2,880	\$22,608	\$3,617	\$18,991
297666	CNT PIPELINES	Rancho Cielo Parcel M	603,000	\$96,480	\$757,364	\$121,178	\$636,186
297658	CNT PIPELINES	Crosby Estates, Emerald Cover, TM 5393-1	226,000	\$36,160	\$283,854	\$45,417	\$238,438
297662	CNT PIPELINES	Rancho Santa Fe Lakes Unit 2, TM 5069	1,139,000	\$182,240	\$1,430,576	\$228,892	\$1,201,684
297665	CNT PIPELINES	Vintage at The Crosby, TM 5073-A	461,000	\$73,760	\$579,013	\$92,642	\$486,371
297668	CNT PIPELINES	7761 Artesian Rd FDC & WS Install	12,000	\$1,920	\$15,072	\$2,412	\$12,660
297663	CNT PIPELINES	Cymer 1" Water Lateral	8,000	\$1,280	\$10,048	\$1,608	\$8,440
297655	CNT PIPELINES	Mission Estancia Fdc Install	70,400	\$12,672	\$92,152	\$16,587	\$75,565
297656	CNT PIPELINES	Unit Aa Pipeline	13,000,000	\$2,340,000	\$17,016,778	\$3,063,020	\$13,953,758
297657	CNT PIPELINES	Olivenhain 9 & 10 Svc Connect	500,000	\$90,000	\$654,491	\$117,808	\$536,683
297648	CNT PIPELINES	Rsf Lakes - Old Course Rd	292,750	\$52,695	\$383,205	\$68,977	\$314,228
297649	CNT PIPELINES	Rsf Lakes - Unit 1	376,350	\$67,743	\$492,636	\$88,674	\$403,961
297651	CNT PIPELINES	Elfin Forest Fire Hydrant	10,250	\$1,845	\$13,417	\$2,415	\$11,002
297650	CNT PIPELINES	Mission Ranch	281,550	\$50,679	\$368,544	\$66,338	\$302,206
297652	CNT PIPELINES	4Sr Med Office Fdc/Conversions	30,700	\$5,526	\$40,186	\$7,233	\$32,952
297647	CNT PIPELINES	Fy12 Contributed Mains	191,952	\$38,390	\$251,387	\$50,277	\$201,110
297644	CNT PIPELINES	Rancho Cielo Parcel 3	316,111	\$63,222	\$413,990	\$82,798	\$331,192

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	297645 CNT PIPELINES	Fairbanks Ranch Fs #3	60,204	\$12,041	\$78,845	\$15,769	\$63,076
	297646 CNT PIPELINES	Horizon School 10" Main/G.V.	74,458	\$14,892	\$97,513	\$19,503	\$78,010
	297643 CNT PIPELINES	4S Nbhd #3 - Units 3 & 4	2,450,837	\$490,167	\$3,209,702	\$641,940	\$2,567,761
	297641 CNT PIPELINES	Villas De La Costa	150,985	\$33,217	\$202,619	\$44,576	\$158,043
	297639 CNT PIPELINES	Greater Centurion	56,335	\$12,394	\$75,600	\$16,632	\$58,968
	297640 CNT PIPELINES	Crosby Golf Villas	97,482	\$21,446	\$130,819	\$28,780	\$102,039
	297642 CNT PIPELINES	4S Village Phase 2 P/L Relo	152,500	\$33,550	\$204,652	\$45,023	\$159,629
	297636 CNT PIPELINES	Olivenhain Guest Home	19,457	\$4,670	\$26,344	\$6,323	\$20,022
	297633 CNT PIPELINES	Brookside Lane - Bouchard	7,114	\$1,707	\$9,632	\$2,312	\$7,321
	297623 CNT PIPELINES	Avenida Apice & Berk Access Rd	809,667	\$194,320	\$1,096,276	\$263,106	\$833,170
	297628 CNT PIPELINES	Cielo Village	40,160	\$9,638	\$54,376	\$13,050	\$41,326
	297627 CNT PIPELINES	Ben Bond Residence PI Relo	46,959	\$11,270	\$63,582	\$15,260	\$48,322
	297635 CNT PIPELINES	Morgan Run Resort & Club	19,731	\$4,735	\$26,715	\$6,412	\$20,304
	297637 CNT PIPELINES	Crosby Swim & Tennis Villas	440,993	\$105,838	\$597,098	\$143,303	\$453,794
	297638 CNT PIPELINES	Ext 244 - Rio Vista Rd	49,625	\$11,910	\$67,191	\$16,126	\$51,066
	297622 CNT PIPELINES	4S Pa 40 - Gianni	346,282	\$83,108	\$468,860	\$112,527	\$356,334
	297624 CNT PIPELINES	4S Ranch Nbhd 3 Unit 2	1,339,825	\$321,558	\$1,814,102	\$435,385	\$1,378,718
	297625 CNT PIPELINES	4S Commons	1,822,158	\$437,318	\$2,467,174	\$592,122	\$1,875,052
	297626 CNT PIPELINES	Del Norte High School	58,429	\$14,023	\$79,112	\$18,987	\$60,125
	297629 CNT PIPELINES	Monterey Ridge Elementary Sch	25,228	\$6,055	\$34,158	\$8,198	\$25,960
	297630 CNT PIPELINES	Oak Valley Middle School	31,881	\$7,651	\$43,166	\$10,360	\$32,806
	297631 CNT PIPELINES	Stone Ranch Elementary School	31,527	\$7,566	\$42,687	\$10,245	\$32,442
	297632 CNT PIPELINES	Souplantation	9,580	\$2,299	\$12,971	\$3,113	\$9,858
	297634 CNT PIPELINES	7808 Cmno Sin Puente Fh Instl	4,165	\$1,000	\$5,639	\$1,353	\$4,286
	297610 CNT PIPELINES	Rosebay Condominiums	37,308	\$9,700	\$51,470	\$13,382	\$38,088
	297614 CNT PIPELINES	Horseman'S Valley South	76,500	\$19,890	\$105,540	\$27,440	\$78,099
	297616 CNT PIPELINES	Belmont Village	100,269	\$26,070	\$138,332	\$35,966	\$102,365
	297617 CNT PIPELINES	El Camino Promenade	131,600	\$34,216	\$181,556	\$47,205	\$134,351
	297618 CNT PIPELINES	La Costa Glen Phase 1	362,845	\$94,340	\$500,582	\$130,151	\$370,431
	297619 CNT PIPELINES	La Costa Glen Phase 2	703,955	\$183,028	\$971,179	\$252,507	\$718,673
	297620 CNT PIPELINES	Rite Aid - Manchester Ave	28,382	\$7,379	\$39,156	\$10,181	\$28,975
	297605 CNT PIPELINES	Unit N Pipeline Relocation	323,796	\$84,187	\$446,710	\$116,145	\$330,566
	297606 CNT PIPELINES	Carlsbad Fire Station No. 6	93,415	\$24,288	\$128,876	\$33,508	\$95,368
	297607 CNT PIPELINES	La Costa Ave 18" P/L Relo	200,000	\$52,000	\$275,921	\$71,739	\$204,181
	297608 CNT PIPELINES	Oaks South Nbhd 3.9	217,000	\$56,420	\$299,374	\$77,837	\$221,537
	297602 CNT PIPELINES	Rancho Cielo Parcel "A"	849,383	\$220,840	\$1,171,812	\$304,671	\$867,141
	297611 CNT PIPELINES	Rancho Cielo Parcel "C"	185,591	\$48,254	\$256,042	\$66,571	\$189,471
	297612 CNT PIPELINES	Rancho Cielo Parcel "D"	281,072	\$73,079	\$387,768	\$100,820	\$286,948
	297601 CNT PIPELINES	4S Planning Area 35	29,274	\$7,611	\$40,387	\$10,500	\$29,886
	297603 CNT PIPELINES	4S Ranch 27" Pipeline	758,643	\$197,247	\$1,046,627	\$272,123	\$774,504
	297604 CNT PIPELINES	Quest Medical Office Building	12,000	\$3,120	\$16,555	\$4,304	\$12,251
	297609 CNT PIPELINES	4S Planning Area 38	540,317	\$140,482	\$745,423	\$193,810	\$551,613
	297613 CNT PIPELINES	Dove Canyon Apartments	15,351	\$3,991	\$21,178	\$5,506	\$15,672
	297615 CNT PIPELINES	4S Ranch Nbhd 3 Unit 1	2,755,181	\$716,347	\$3,801,059	\$988,275	\$2,812,783
	287607 CNT PIPELINES	Oaks South Nbhd 3.10/3.11	347,002	\$97,161	\$505,139	\$141,439	\$363,700
	287611 CNT PIPELINES	La Costa Oaks Nbhd 3.08	212,000	\$59,360	\$308,613	\$86,412	\$222,202

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	287610 CNT PIPELINES	Ranch Cielo Parcel F Swr/Water	963,649	\$269,822	\$1,402,807	\$392,786	\$1,010,021
	287612 CNT PIPELINES	Rancho Cielo Parcel G	907,500	\$254,100	\$1,321,069	\$369,899	\$951,170
	287616 CNT PIPELINES	Unit S-3	1,557,508	\$436,102	\$2,267,302	\$634,844	\$1,632,457
	287602 CNT PIPELINES	El Apajo Estates (River Run)	103,649	\$29,022	\$150,884	\$42,248	\$108,637
	287608 CNT PIPELINES	Crosby Estates 5073-7	302,000	\$84,560	\$439,629	\$123,096	\$316,533
	287601 CNT PIPELINES	North Coast Health Center	64,995	\$18,199	\$94,615	\$26,492	\$68,123
	287603 CNT PIPELINES	Coastline Community Church	29,000	\$8,120	\$42,216	\$11,820	\$30,396
	287604 CNT PIPELINES	4S Ranch Pa 37	212,563	\$59,518	\$309,433	\$86,641	\$222,792
	287605 CNT PIPELINES	The Forum	336,500	\$94,220	\$489,851	\$137,158	\$352,693
	287606 CNT PIPELINES	4S Ranch Pa 41	323,063	\$90,458	\$470,291	\$131,681	\$338,609
	287609 CNT PIPELINES	4S Ranch Nbhd 2 Unit 3	1,222,896	\$342,411	\$1,780,199	\$498,456	\$1,281,743
	287613 CNT PIPELINES	4S Ranch La Fitness	75,000	\$21,000	\$109,179	\$30,570	\$78,609
	287614 CNT PIPELINES	4S Pipeline North Phase I	1,381,000	\$386,680	\$2,010,355	\$562,899	\$1,447,455
	287615 CNT PIPELINES	4S Pipeline North Phase Ii	1,729,000	\$484,120	\$2,516,947	\$704,745	\$1,812,202
	277608 CNT PIPELINES	Encinitas Country Day School	78,431	\$29,412	\$119,476	\$44,803	\$74,672
	277609 CNT PIPELINES	Encinitas Ranch Phase Iii	59,484	\$22,307	\$90,613	\$33,980	\$56,633
	277610 CNT PIPELINES	Gardenview Office Building	9,857	\$3,696	\$15,015	\$5,631	\$9,385
	277611 CNT PIPELINES	La Costa Oaks S Cmno Junipero	192,797	\$72,299	\$293,692	\$110,134	\$183,557
	277612 CNT PIPELINES	La Costa Oaks S Nbhd 3.12/3.13	423,728	\$158,898	\$645,473	\$242,053	\$403,421
	277613 CNT PIPELINES	La Costa Oaks S Nbhd 3.14	253,099	\$94,912	\$385,551	\$144,582	\$240,969
	277614 CNT PIPELINES	La Costa Oaks S Nbh	420,000	\$157,500	\$639,794	\$239,923	\$399,872
	277615 CNT PIPELINES	La Costa Oaks S Nbhd	291,000	\$109,125	\$443,286	\$166,232	\$277,054
	277616 CNT PIPELINES	La Costa Oaks South	240,000	\$90,000	\$365,597	\$137,099	\$228,498
	277617 CNT PIPELINES	North Park @ La Cost	56,551	\$21,207	\$86,145	\$32,304	\$53,841
	277622 CNT PIPELINES	Shelley Unit 1 (Centex)	78,800	\$29,550	\$120,038	\$45,014	\$75,024
	277623 CNT PIPELINES	Unit "M" P/L Relocation & Fcf	567,108	\$212,666	\$863,887	\$323,958	\$539,929
	277624 CNT PIPELINES	Unit "M" Relocation - Dove Trl	211,888	\$79,458	\$322,773	\$121,040	\$201,733
	277620 CNT PIPELINES	Rancho Pacifica	92,000	\$34,500	\$140,145	\$52,555	\$87,591
	277619 CNT PIPELINES	Rancho Cielo B Tm 42	473,500	\$177,563	\$721,292	\$270,485	\$450,808
	277602 CNT PIPELINES	Crosby @ Rsf Tm 5073-1	329,000	\$123,375	\$501,172	\$187,940	\$313,233
	277603 CNT PIPELINES	Crosby Golf Clubhouse Ext	76,827	\$28,810	\$117,032	\$43,887	\$73,145
	277604 CNT PIPELINES	Crosby Tm 5073-2	859,000	\$322,125	\$1,308,532	\$490,700	\$817,833
	277605 CNT PIPELINES	Crosby Tm 5073-4	390,600	\$146,475	\$595,009	\$223,128	\$371,881
	277606 CNT PIPELINES	Crosby Tm 5073-8	41,263	\$15,474	\$62,857	\$23,571	\$39,285
	277607 CNT PIPELINES	Crosby Unit 3 Tm 5073-3	284,500	\$106,688	\$433,385	\$162,519	\$270,865
	277618 CNT PIPELINES	Old Course Road Enca	427,000	\$160,125	\$650,458	\$243,922	\$406,536
	277621 CNT PIPELINES	Santa Luz Affordable Housing	371,000	\$139,125	\$565,152	\$211,932	\$353,220
	277626 CNT PIPELINES	Unit Rc-2 Pipeline - Sfv	299,490	\$89,847	\$456,219	\$136,866	\$319,353
	277600 CNT PIPELINES	4S Ranch Nbhd 1 Backbone	1,564,488	\$586,683	\$2,383,216	\$893,706	\$1,489,510
	277601 CNT PIPELINES	4S Ranch Community Park	136,050	\$51,019	\$207,248	\$77,718	\$129,530
	267606 CNT PIPELINES	Enc Ranch N Mesa	96,000	\$38,400	\$151,510	\$60,604	\$90,906
	267615 CNT PIPELINES	Temple Solel	93,475	\$37,390	\$147,525	\$59,010	\$88,515
	267617 CNT PIPELINES	Raw Water Pipeline	107,281	\$34,330	\$169,313	\$54,180	\$115,133
	267604 CNT PIPELINES	Santa Fe Creek #1	242,000	\$96,800	\$381,931	\$152,772	\$229,158
	267605 CNT PIPELINES	Santa Fe Creek #2	65,000	\$26,000	\$102,585	\$41,034	\$61,551
	267607 CNT PIPELINES	Bridges Units 1 & 2	57,000	\$22,800	\$89,959	\$35,984	\$53,975

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
267608	CNT PIPELINES	Bridges @ Rsf Unit 3	189,500	\$75,800	\$299,074	\$119,629	\$179,444
267609	CNT PIPELINES	Bridges @ Rsf Unit 4	464,000	\$185,600	\$732,297	\$292,919	\$439,378
267610	CNT PIPELINES	Bridges @ Rsf Unit 6	23,000	\$9,200	\$36,299	\$14,520	\$21,780
267616	CNT PIPELINES	Bridges Unit 5	117,000	\$46,800	\$184,652	\$73,861	\$110,791
267601	CNT PIPELINES	Units V3 & V4 P/L	1,063,252	\$340,241	\$1,678,051	\$536,976	\$1,141,075
267602	CNT PIPELINES	Unit S-1 Valve	66,709	\$21,347	\$105,283	\$33,690	\$71,592
267603	CNT PIPELINES	Unit P-2B P/L Relo	68,000	\$27,200	\$107,319	\$42,928	\$64,392
727601	CNT PIPELINES	Ext 153 Capacity	269,003	\$153,716	\$424,547	\$242,598	\$181,949
267611	CNT PIPELINES	4S Ranch Unit 8	189,000	\$75,600	\$298,285	\$119,314	\$178,971
267612	CNT PIPELINES	4S Ranch Unit 3	301,000	\$120,400	\$475,046	\$190,018	\$285,027
267613	CNT PIPELINES	4S Ranch Nbhd 2 #1	1,039,798	\$415,919	\$1,641,035	\$656,414	\$984,621
267614	CNT PIPELINES	4S Ranch Nbhd 2 #2	1,200,592	\$480,237	\$1,894,805	\$757,922	\$1,136,883
257602	CNT PIPELINES	Enc Ranch Mesa Lower	97,500	\$41,438	\$158,465	\$67,348	\$91,117
257603	CNT PIPELINES	Quail Hollow	255,000	\$108,375	\$414,446	\$176,140	\$238,307
257607	CNT PIPELINES	Shelley Unit 2	162,800	\$69,190	\$264,596	\$112,453	\$152,142
257608	CNT PIPELINES	Shelley Unit 3	281,000	\$119,425	\$456,704	\$194,099	\$262,605
257609	CNT PIPELINES	Shelley Unit 4	209,000	\$88,825	\$339,683	\$144,365	\$195,318
257601	CNT PIPELINES	4S Planning Area 27	197,000	\$83,725	\$320,180	\$136,077	\$184,104
257604	CNT PIPELINES	4S Planning Area 26	188,400	\$80,070	\$306,203	\$130,136	\$176,067
257605	CNT PIPELINES	4S Planning Area 19	400,000	\$170,000	\$650,112	\$276,298	\$373,814
257606	CNT PIPELINES	4S Planning Area 25	626,300	\$266,178	\$1,017,913	\$432,613	\$585,300
257610	CNT PIPELINES	4S Planning Area 16	409,500	\$174,038	\$665,552	\$282,860	\$382,692
257611	CNT PIPELINES	4S Planning Area 29	171,000	\$27,675	\$277,923	\$118,117	\$159,806
257612	CNT PIPELINES	Bernardo Point #4	79,454	\$33,768	\$129,135	\$54,882	\$74,253
257613	CNT PIPELINES	4S Planning Area 15	383,500	\$162,988	\$623,295	\$264,900	\$358,394
257614	CNT PIPELINES	4S Planning Area 28	63,000	\$26,775	\$102,393	\$43,517	\$58,876
257615	CNT PIPELINES	4S Planning Area 12	323,000	\$137,275	\$524,965	\$223,110	\$301,855
257616	CNT PIPELINES	Unit Z P/L -Artesian	2,833,396	\$1,204,193	\$4,605,060	\$1,957,151	\$2,647,910
247601	CNT PIPELINES	Arroyo La Costa #3	70,000	\$31,500	\$115,257	\$51,866	\$63,392
247603	CNT PIPELINES	Rancho La Costa Vlg	25,840	\$11,628	\$42,546	\$19,146	\$23,401
247604	CNT PIPELINES	Rncho La Costa-Rcycl	42,160	\$18,972	\$69,418	\$31,238	\$38,180
247605	CNT PIPELINES	Salviati	458,350	\$206,258	\$754,690	\$339,610	\$415,079
247606	CNT PIPELINES	W-2 Extension	155,209	\$69,844	\$255,557	\$115,001	\$140,556
247602	CNT PIPELINES	4S Rnch Vlg Comm Dev	181,850	\$81,833	\$299,422	\$134,740	\$164,682
237622	CNT PIPELINES	Concordia 28 Llc	124,000	\$58,900	\$222,072	\$105,484	\$116,588
237624	CNT PIPELINES	Arroyo La Costa (F)	75,000	\$35,625	\$134,318	\$63,801	\$70,517
237625	CNT PIPELINES	Arroyo La Costa (K)	173,000	\$82,175	\$309,826	\$147,167	\$162,659
237627	CNT PIPELINES	Arroyo La Costa (D)	189,000	\$89,775	\$338,480	\$160,778	\$177,702
237628	CNT PIPELINES	Arroyo La Costa (M)	126,000	\$59,850	\$225,653	\$107,185	\$118,468
237629	CNT PIPELINES	Arroyo La Costa (N)	201,000	\$95,475	\$359,971	\$170,986	\$188,985
237630	CNT PIPELINES	Arroyo La Costa (O)	127,000	\$60,325	\$227,444	\$108,036	\$119,408
237631	CNT PIPELINES	Arroyo La Costa (B)	294,000	\$139,650	\$526,525	\$250,099	\$276,425
237632	CNT PIPELINES	Ctrh, Llc	25,000	\$11,875	\$44,773	\$21,267	\$23,506
237633	CNT PIPELINES	Unit W-1 Pipeline	749,173	\$355,857	\$1,341,694	\$637,305	\$704,389
237634	CNT PIPELINES	Unit W-2 Pipeline	1,007,144	\$478,393	\$1,803,695	\$856,755	\$946,940
237623	CNT PIPELINES	4S Lots 37 & 38	20,125	\$9,559	\$36,042	\$17,120	\$18,922

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	237626 CNT PIPELINES	4S Lots 14 - 17	20,000	\$9,500	\$35,818	\$17,014	\$18,804
	227620 CNT PIPELINES	Arroyo La Costa - E	204,200	\$102,100	\$372,076	\$186,038	\$186,038
	227621 CNT PIPELINES	Sandalwood - Ps	417,000	\$208,500	\$759,821	\$379,911	\$379,911
	227619 CNT PIPELINES	Groves li	78,000	\$39,000	\$142,125	\$71,062	\$71,062
	217602 CNT PIPELINES	Arroyo La Costa #3	463,000	\$243,075	\$864,164	\$453,686	\$410,478
	217604 CNT PIPELINES	Arroyo La Costa I	376,000	\$197,400	\$701,783	\$368,436	\$333,347
	217606 CNT PIPELINES	Leucadia Highlands	93,000	\$48,825	\$173,579	\$91,129	\$82,450
	217612 CNT PIPELINES	Sage Canyon	97,000	\$50,925	\$181,045	\$95,049	\$85,996
	217616 CNT PIPELINES	Arroyo La Costa #C	118,000	\$61,950	\$220,241	\$115,626	\$104,614
	217603 CNT PIPELINES	Lone Jack Rd Imprvmt	9,000	\$4,725	\$16,798	\$8,819	\$7,979
	217607 CNT PIPELINES	Kinghtsbridge	344,500	\$180,863	\$642,990	\$337,570	\$305,420
	217611 CNT PIPELINES	Crestview	92,000	\$48,300	\$171,713	\$90,149	\$81,564
	217613 CNT PIPELINES	Stratford Knolls	67,500	\$35,438	\$125,985	\$66,142	\$59,843
	217615 CNT PIPELINES	Rancho Verde Unit #2	345,887	\$181,591	\$645,579	\$338,929	\$306,650
	217617 CNT PIPELINES	Rancho Verde Unit #4	124,000	\$65,100	\$231,439	\$121,506	\$109,934
	217605 CNT PIPELINES	Bernardo Lks Unit V1	283,588	\$148,884	\$529,302	\$277,884	\$251,419
	217608 CNT PIPELINES	Christopherhill #1	267,000	\$140,175	\$498,341	\$261,629	\$236,712
	217609 CNT PIPELINES	Christopherhill #2	176,000	\$92,400	\$328,494	\$172,460	\$156,035
	217610 CNT PIPELINES	Christopherhill #3	165,000	\$86,625	\$307,963	\$161,681	\$146,283
	217614 CNT PIPELINES	Christopherhill Bkbn	532,500	\$279,563	\$993,882	\$521,788	\$472,094
	207601 CNT PIPELINES	Mains 99/00 Add'S	3,351,454	\$1,843,300	\$6,395,916	\$3,517,754	\$2,878,162
	760197 CNT PIPELINES	Ext 180 Carlsbad Hs	250,000	\$143,750	\$494,020	\$284,061	\$209,958
	760199 CNT PIPELINES	Arroyo La Costa #2	355,000	\$204,125	\$701,508	\$403,367	\$298,141
	760200 CNT PIPELINES	Calle Barcelona	509,000	\$292,675	\$1,005,824	\$578,349	\$427,475
	760198 CNT PIPELINES	Rancho Lakes Estates	487,455	\$280,287	\$963,249	\$553,868	\$409,381
	760195 CNT PIPELINES	Home Depot	500,000	\$312,500	\$1,012,122	\$632,576	\$379,546
	760192 CNT PIPELINES	Vista Santa Fe Areab	170,666	\$106,666	\$345,470	\$215,918	\$129,551
	760193 CNT PIPELINES	Ranch View Estates	56,500	\$35,313	\$114,370	\$71,481	\$42,889
	760196 CNT PIPELINES	Mains 97/98 Addition	458,135	\$286,334	\$927,377	\$579,611	\$347,766
	760194 CNT PIPELINES	Rancho Lakes	500,000	\$312,500	\$1,012,122	\$632,576	\$379,546
	760189 CNT PIPELINES	Sonata (Tierra S.F.)	183,333	\$119,167	\$377,059	\$245,088	\$131,971
	760190 CNT PIPELINES	Hdden Valley Subdivs	114,200	\$74,230	\$234,874	\$152,668	\$82,206
	760191 CNT PIPELINES	Intertie - Fairbanks	151,634	\$98,562	\$311,863	\$202,711	\$109,152
	760186 CNT PIPELINES	Tierra Santa Fe 9'95	73,333	\$49,500	\$151,568	\$102,308	\$49,259
	760188 CNT PIPELINES	Sonata 1&2 '95	73,333	\$49,500	\$151,568	\$102,308	\$49,259
	760184 CNT PIPELINES	Rancho Farms Ests'95	75,000	\$50,625	\$155,013	\$104,634	\$50,379
	760185 CNT PIPELINES	Vista Santa Fe B1'95	341,334	\$230,400	\$705,483	\$476,201	\$229,282
	760181 CNT PIPELINES	Rosemont Estates	78,500	\$54,950	\$162,080	\$113,456	\$48,624
	760179 CNT PIPELINES	Heritage Raw H2O P/L	1,051,712	\$736,198	\$2,171,481	\$1,520,037	\$651,444
	760182 CNT PIPELINES	Stratford Estates	33,000	\$23,100	\$68,135	\$47,695	\$20,441
	760183 CNT PIPELINES	Wildflower Estate #1	169,500	\$118,650	\$349,968	\$244,978	\$104,991
	760180 CNT PIPELINES	Heritage Hills C.C.	588,000	\$411,600	\$1,214,050	\$849,835	\$364,215
	760178 CNT PIPELINES	Leucadia Homes	51,500	\$37,338	\$107,237	\$77,747	\$29,490
	760177 CNT PIPELINES	Rancho Pacifica Apts	156,500	\$117,375	\$332,513	\$249,385	\$83,128
	760173 CNT PIPELINES	Forrest Bluff Estate	65,000	\$50,375	\$143,965	\$111,573	\$32,392
	760172 CNT PIPELINES	Brookside Sub	93,500	\$72,463	\$207,088	\$160,493	\$46,595

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
760174	CNT PIPELINES	Pearce Project	55,500	\$43,013	\$122,924	\$95,266	\$27,658
760176	CNT PIPELINES	Ranch Farms Ests #2	115,000	\$89,125	\$254,707	\$197,398	\$57,309
760175	CNT PIPELINES	Alva Rd Improvements	148,000	\$114,700	\$327,797	\$254,042	\$73,754
760164	CNT PIPELINES	Encinitas Tract 4574	347,500	\$278,000	\$781,928	\$625,542	\$156,386
760168	CNT PIPELINES	Scenna Canyon Subdiv	91,250	\$73,000	\$205,326	\$164,261	\$41,065
760163	CNT PIPELINES	New Horizon Group	17,131	\$13,705	\$38,548	\$30,838	\$7,710
760165	CNT PIPELINES	Rancho S.F.Highlands	213,500	\$170,800	\$480,407	\$384,326	\$96,081
760166	CNT PIPELINES	La Jolla Valencia	341,000	\$272,800	\$767,302	\$613,842	\$153,460
760167	CNT PIPELINES	Rancho S.F. Farms	940,922	\$752,738	\$2,117,218	\$1,693,774	\$423,444
760169	CNT PIPELINES	Unit R P/L 4-S Partn	639,388	\$511,510	\$1,438,720	\$1,150,976	\$287,744
760171	CNT PIPELINES	Water Facilities 4-S	457,750	\$366,200	\$1,030,007	\$824,006	\$206,001
760150	CNT PIPELINES	Mira Costa College S	143,341	\$118,256	\$333,947	\$275,506	\$58,441
760151	CNT PIPELINES	Scotts Valley #1	142,000	\$117,150	\$330,823	\$272,929	\$57,894
760152	CNT PIPELINES	Scotts Valley	204,200	\$168,465	\$475,733	\$392,479	\$83,253
760153	CNT PIPELINES	Monarch Villas	84,000	\$69,300	\$195,698	\$161,451	\$34,247
760156	CNT PIPELINES	Vista Santa Fe #3	138,000	\$113,850	\$321,504	\$265,241	\$56,263
760157	CNT PIPELINES	Vista Santa Fe #4	105,000	\$86,625	\$244,623	\$201,814	\$42,809
760158	CNT PIPELINES	Vista Santa Fe #5	81,500	\$67,238	\$189,874	\$156,646	\$33,228
760159	CNT PIPELINES	Vista Santa Fe #6	90,000	\$74,250	\$209,676	\$172,983	\$36,693
760160	CNT PIPELINES	Beland Project	40,500	\$33,413	\$94,354	\$77,842	\$16,512
760161	CNT PIPELINES	Country Rose #1	208,350	\$171,889	\$485,401	\$400,456	\$84,945
760162	CNT PIPELINES	Country Rose #2	138,900	\$114,593	\$323,601	\$266,971	\$56,630
760154	CNT PIPELINES	Fairbanks Cc #4	83,000	\$68,475	\$193,368	\$159,529	\$33,839
760155	CNT PIPELINES	Fairbankd Cc #6	85,000	\$70,125	\$198,028	\$163,373	\$34,655
760141	CNT PIPELINES	Santa Fe Knolls	544,600	\$462,910	\$1,272,938	\$1,081,997	\$190,941
760142	CNT PIPELINES	Olive Crest	150,000	\$127,500	\$350,607	\$298,016	\$52,591
760144	CNT PIPELINES	Rsf Road Improvement	18,000	\$15,300	\$42,073	\$35,762	\$6,311
760146	CNT PIPELINES	Olivenhain Venture	105,500	\$89,675	\$246,594	\$209,605	\$36,989
760148	CNT PIPELINES	La Costa Condos Ph 3	60,500	\$51,425	\$141,412	\$120,200	\$21,212
760149	CNT PIPELINES	Sea Point Village	180,500	\$153,425	\$421,897	\$358,613	\$63,285
760147	CNT PIPELINES	Windsor Country Ests	364,000	\$309,400	\$850,807	\$723,186	\$127,621
760143	CNT PIPELINES	Rancho Del Rayo- Sub	604,000	\$513,400	\$1,411,778	\$1,200,011	\$211,767
760145	CNT PIPELINES	Fairbanks Polo Club	110,500	\$93,925	\$258,281	\$219,538	\$38,742
760135	CNT PIPELINES	Encinitas Estates #4	105,500	\$92,313	\$259,959	\$227,464	\$32,495
760137	CNT PIPELINES	La Costa Condos 1&2	373,800	\$327,075	\$921,068	\$805,935	\$115,134
760139	CNT PIPELINES	De La Plaza, Encntas	145,000	\$126,875	\$357,290	\$312,629	\$44,661
760140	CNT PIPELINES	Del Rayo Heights Sub	74,500	\$65,188	\$183,573	\$160,626	\$22,947
760136	CNT PIPELINES	Whispering Palms V-I	201,500	\$176,313	\$496,510	\$434,446	\$62,064
760138	CNT PIPELINES	Fairbanks C.C. #3	233,000	\$203,875	\$574,128	\$502,362	\$71,766
760124	CNT PIPELINES	Northview # 6	60,600	\$54,540	\$149,923	\$134,931	\$14,992
760125	CNT PIPELINES	Northview #5	119,900	\$107,910	\$296,631	\$266,968	\$29,663
760126	CNT PIPELINES	Quail Gardens #4.	288,500	\$259,650	\$713,744	\$642,370	\$71,374
760127	CNT PIPELINES	La Costa Trans Main.	192,000	\$172,800	\$475,005	\$427,504	\$47,500
760128	CNT PIPELINES	Santa Fe Ridge #2.	189,000	\$170,100	\$467,583	\$420,825	\$46,758
760129	CNT PIPELINES	Lagoon View.	84,500	\$76,050	\$209,052	\$188,146	\$20,905
760130	CNT PIPELINES	Mission Ridge.	117,000	\$105,300	\$289,456	\$260,510	\$28,946

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
760131	CNT PIPELINES	Northview #7.	57,200	\$51,480	\$141,512	\$127,361	\$14,151
760132	CNT PIPELINES	Northview #8.	81,000	\$72,900	\$200,393	\$180,353	\$20,039
760133	CNT PIPELINES	Northview #9.	61,300	\$55,170	\$151,655	\$136,490	\$15,166
760134	CNT PIPELINES	Stonebridge	169,500	\$152,550	\$419,340	\$377,406	\$41,934
760109	CNT PIPELINES	Vista Santa Fe #2	75,000	\$69,375	\$185,736	\$171,806	\$13,930
760110	CNT PIPELINES	Seagate Village	288,500	\$266,863	\$714,466	\$660,881	\$53,585
760114	CNT PIPELINES	Encinitas Villg Apts	47,000	\$43,475	\$116,395	\$107,665	\$8,730
760115	CNT PIPELINES	Villg Park Villas #5	5,900	\$5,458	\$14,611	\$13,515	\$1,096
760116	CNT PIPELINES	La Costa Trans Main.	479,292	\$443,345	\$1,186,960	\$1,097,938	\$89,022
760117	CNT PIPELINES	Pac Ranch-Tennis Clb	328,200	\$303,585	\$812,783	\$751,824	\$60,959
760120	CNT PIPELINES	Olivenhain Bluffs	26,000	\$24,050	\$64,389	\$59,559	\$4,829
760121	CNT PIPELINES	Camino Creek #2	201,000	\$185,925	\$497,774	\$460,441	\$37,333
760122	CNT PIPELINES	Santa Fe Ridge #1	160,000	\$148,000	\$396,238	\$366,520	\$29,718
760123	CNT PIPELINES	Summerhill- Tm4421-1	290,452	\$268,668	\$719,300	\$665,353	\$53,948
760107	CNT PIPELINES	Vista Del Rio	148,500	\$137,363	\$367,758	\$340,176	\$27,582
760108	CNT PIPELINES	Vista Santa Fe #1	108,500	\$100,363	\$268,699	\$248,546	\$20,152
760113	CNT PIPELINES	Galeria	87,750	\$81,169	\$217,312	\$201,013	\$16,298
760118	CNT PIPELINES	Aliso Canyon Road	166,400	\$153,920	\$412,087	\$381,181	\$30,907
760106	CNT PIPELINES	Fairbanks Cntry Club	200,000	\$185,000	\$495,297	\$458,150	\$37,147
760111	CNT PIPELINES	Fairbanks Cntry Club	197,000	\$182,225	\$487,868	\$451,278	\$36,590
760112	CNT PIPELINES	Fairbanks Cntry Club	111,000	\$102,675	\$274,890	\$254,273	\$20,617
760119	CNT PIPELINES	Fairbanks Ranch #4	524,000	\$484,700	\$1,297,679	\$1,200,353	\$97,326
760095	CNT PIPELINES	Village Park Nrtvw 2	12,478	\$11,854	\$31,999	\$30,399	\$1,600
760096	CNT PIPELINES	Camino Creek #3	34,873	\$33,129	\$89,429	\$84,957	\$4,471
760097	CNT PIPELINES	Hollyridge	16,000	\$15,200	\$41,031	\$38,979	\$2,052
760098	CNT PIPELINES	Sakal Project	44,330	\$42,114	\$113,681	\$107,997	\$5,684
760100	CNT PIPELINES	Village Park Nthvw 3	48,500	\$46,075	\$124,374	\$118,155	\$6,219
760101	CNT PIPELINES	Village Park Nthvw 4	60,620	\$57,589	\$155,455	\$147,682	\$7,773
760102	CNT PIPELINES	Heritage Park	154,275	\$146,561	\$395,625	\$375,844	\$19,781
760103	CNT PIPELINES	Jantsch Project	26,000	\$24,700	\$66,675	\$63,341	\$3,334
760104	CNT PIPELINES	Morning Sun West li	254,000	\$241,300	\$651,362	\$618,794	\$32,568
760105	CNT PIPELINES	Encinitas Racquet C.	108,000	\$102,600	\$276,957	\$263,109	\$13,848
760099	CNT PIPELINES	Vista Del Rio 1&2	175,500	\$166,725	\$450,055	\$427,552	\$22,503
760094	CNT PIPELINES	Santa Fe Highlands	289,500	\$282,263	\$771,139	\$751,861	\$19,278
760090	CNT PIPELINES	Whspring Plms Grn #3	76,200	\$74,295	\$202,973	\$197,899	\$5,074
760091	CNT PIPELINES	Vida Pacifica Ph I	288,500	\$281,288	\$768,476	\$749,264	\$19,212
760092	CNT PIPELINES	Rancho La Zanja #1	166,380	\$162,221	\$443,185	\$432,106	\$11,080
760093	CNT PIPELINES	Rancho Del Lago	308,000	\$300,300	\$820,418	\$799,907	\$20,510
760075	CNT PIPELINES	Serena Vista	47,634	\$26,675	\$156,621	\$87,708	\$68,913
760076	CNT PIPELINES	South Pointe Farms	190,200	\$106,512	\$625,380	\$350,213	\$275,167
760077	CNT PIPELINES	Whspring Plms Vil #2	101,200	\$56,672	\$332,747	\$186,338	\$146,409
760065	CNT PIPELINES	Mccoy Med.	15,900	\$9,116	\$58,939	\$33,792	\$25,148
760067	CNT PIPELINES	Canon Pk I-II-III	54,300	\$31,132	\$201,284	\$115,403	\$85,881
760068	CNT PIPELINES	Canon Pk I-II-III	71,000	\$40,707	\$263,189	\$150,895	\$112,294
760069	CNT PIPELINES	Canon Pk I-II-III	28,799	\$16,511	\$106,755	\$61,206	\$45,549
760070	CNT PIPELINES	Shady Hollow	82,110	\$47,076	\$304,372	\$174,507	\$129,866

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
760071	CNT PIPELINES	Ponderosa #5	53,662	\$30,766	\$198,919	\$114,047	\$84,872
760072	CNT PIPELINES	Vllge Pk,N County #2	71,263	\$40,857	\$264,164	\$151,454	\$112,710
760073	CNT PIPELINES	Wandering Rd Schl St	25,725	\$14,749	\$95,360	\$54,673	\$40,687
760059	CNT PIPELINES	La Costa #3	187,003	\$109,708	\$737,280	\$432,537	\$304,742
760060	CNT PIPELINES	La Costa #4	70,700	\$41,477	\$278,742	\$163,529	\$115,214
760061	CNT PIPELINES	Rancho Pond #4	78,200	\$45,877	\$308,312	\$180,876	\$127,436
760049	CNT PIPELINES	Green Valley Knolls	233,003	\$139,802	\$1,220,068	\$732,041	\$488,027
760050	CNT PIPELINES	Summerfield #9	43,430	\$26,058	\$227,412	\$136,447	\$90,965
760051	CNT PIPELINES	Summerfield #8	77,452	\$46,471	\$405,560	\$243,336	\$162,224
760053	CNT PIPELINES	Village Pk #15	29,283	\$17,570	\$153,334	\$92,000	\$61,334
760054	CNT PIPELINES	Encinitas Est #3	46,724	\$28,034	\$244,660	\$146,796	\$97,864
760055	CNT PIPELINES	Rancho Del Pond #1	70,000	\$42,000	\$366,539	\$219,924	\$146,616
760056	CNT PIPELINES	Rancho Del Pond #2	65,850	\$39,510	\$344,809	\$206,885	\$137,924
760057	CNT PIPELINES	Rancho Del Dios	304,420	\$182,652	\$1,594,027	\$956,416	\$637,611
760058	CNT PIPELINES	Adj Per Aje/6-30-77	38,751	\$23,251	\$202,911	\$121,747	\$81,164
760045	CNT PIPELINES	Summerfield #6	15,405	\$9,448	\$86,544	\$53,080	\$33,464
760046	CNT PIPELINES	Summerfield #7	29,239	\$17,933	\$164,263	\$100,748	\$63,515
760047	CNT PIPELINES	Santa Fe Glens	62,681	\$38,445	\$352,139	\$215,979	\$136,161
760048	CNT PIPELINES	S D Shore-Wanket Tnk	211,928	\$129,983	\$1,190,597	\$730,233	\$460,364
760010	CNT PIPELINES	Vllge Pk #10	52,900	\$33,151	\$322,581	\$202,151	\$120,430
760011	CNT PIPELINES	Vllge Pk #11	21,100	\$13,223	\$128,667	\$80,631	\$48,036
760012	CNT PIPELINES	Vllge Pk #12	54,493	\$34,149	\$332,295	\$208,238	\$124,057
760033	CNT PIPELINES	San Elijo Hills	142,592	\$89,358	\$869,518	\$544,898	\$324,620
760014	CNT PIPELINES	Vllg Pk Villas #1	63,753	\$40,802	\$425,714	\$272,457	\$153,257
760016	CNT PIPELINES	Vllg Pk Villas #3	41,700	\$26,688	\$278,454	\$178,210	\$100,243
760017	CNT PIPELINES	Vllg Pk Villas #17	20,300	\$12,992	\$135,554	\$86,755	\$48,800
760006	CNT PIPELINES	Vllge Pk #6	25,471	\$16,641	\$181,303	\$118,451	\$62,852
760035	CNT PIPELINES	Villanitas #1	25,519	\$16,672	\$181,643	\$118,673	\$62,970
760038	CNT PIPELINES	Emerald Classics #2	25,200	\$16,464	\$179,374	\$117,191	\$62,183
760037	CNT PIPELINES	Emerald Classics #1	15,410	\$10,273	\$118,574	\$79,049	\$39,525
760044	CNT PIPELINES	Whspring Plms Grn #2	29,899	\$19,933	\$230,059	\$153,373	\$76,686
760002	CNT PIPELINES	Village Park #2	11,641	\$7,916	\$99,318	\$67,536	\$31,782
760022	CNT PIPELINES	Pacific Sereno #4	25,830	\$17,564	\$220,374	\$149,855	\$70,520
760027	CNT PIPELINES	La Costa South #6	11,557	\$7,859	\$98,599	\$67,047	\$31,552
760030	CNT PIPELINES	La Costa Vale #2	38,336	\$26,068	\$327,068	\$222,406	\$104,662
760039	CNT PIPELINES	Emerald Classics #3	14,155	\$9,625	\$120,767	\$82,121	\$38,645
760040	CNT PIPELINES	Emerald Classics #4	15,728	\$10,695	\$134,187	\$91,247	\$42,940
760041	CNT PIPELINES	Whsprng Plms Grn #1	52,420	\$35,646	\$447,233	\$304,118	\$143,114
760042	CNT PIPELINES	Palms Golf	24,080	\$16,374	\$205,444	\$139,702	\$65,742
760019	CNT PIPELINES	Pacific Sereno #1	42,375	\$29,380	\$413,890	\$286,963	\$126,926
760020	CNT PIPELINES	Pacific Sereno #2	21,435	\$14,862	\$209,362	\$145,158	\$64,204
760021	CNT PIPELINES	Pacific Sereno #3	26,300	\$18,235	\$256,880	\$178,104	\$78,777
760024	CNT PIPELINES	La Costa South #1	80,086	\$55,526	\$782,224	\$542,342	\$239,882
760018	CNT PIPELINES	Lake Val Sereno #2	27,948	\$19,377	\$272,977	\$189,264	\$83,713
202138	CNT PIPELN EXT	MAIN EXT 256 - SANTA FE HEIGHTS	141,048	\$7,052	\$157,813	\$7,891	\$149,923
297518	CNT PIPELN EXT	EXT 235 - PALMA DE LA REINA	379,561	\$37,956	\$428,782	\$42,878	\$385,904

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	297517 CNT PIPELN EXT	EXT 68A - ELFIN VISTA LANE	48,149	\$6,019	\$55,813	\$6,977	\$48,836
	297515 CNT PIPELN EXT	Ext 248-Citymark Olivenhain Primrose Ln	58,000	\$8,120	\$71,245	\$9,974	\$61,271
	297516 CNT PIPELN EXT	Ext 253 - Cole Ranch Rd	21,000	\$2,940	\$25,796	\$3,611	\$22,184
	297512 CNT PIPELN EXT	Extension 166 - Minks	233,000	\$37,280	\$292,646	\$46,823	\$245,823
	297513 CNT PIPELN EXT	Extension 9B - Levie	41,000	\$6,560	\$51,496	\$8,239	\$43,256
	297514 CNT PIPELN EXT	Extension 247 - Vista Hills	52,000	\$8,320	\$65,312	\$10,450	\$54,862
	297510 CNT PIPELN EXT	Ext 174A - Calzada Del Bosque	100,440	\$25,110	\$131,540	\$32,885	\$98,655
	297511 CNT PIPELN EXT	Ext 245 - Crosby Looped	67,707	\$16,927	\$88,671	\$22,168	\$66,504
	297508 CNT PIPELN EXT	Ext 238A - Pacifica Ranch	36,945	\$10,160	\$49,579	\$13,634	\$35,945
	297509 CNT PIPELN EXT	Ext 191A - Via De La Nola	24,330	\$6,691	\$32,650	\$8,979	\$23,672
	297504 CNT PIPELN EXT	Main Ext 242 - Rimmer	66,274	\$19,882	\$89,734	\$26,920	\$62,814
	297505 CNT PIPELN EXT	Ext 233 - Bella Vista Drive	84,620	\$25,386	\$114,574	\$34,372	\$80,202
	297506 CNT PIPELN EXT	Ext 151A - Church Of Nativity	7,476	\$2,243	\$10,122	\$3,037	\$7,086
	297507 CNT PIPELN EXT	Main Ext 231 - Artesian Rd	81,293	\$24,388	\$110,069	\$33,021	\$77,049
	297501 CNT PIPELN EXT	Ext 234 - Bella Collina	21,152	\$6,874	\$29,181	\$9,484	\$19,697
	297503 CNT PIPELN EXT	Ext 169 - Los Coches Village	161,778	\$52,578	\$223,190	\$72,537	\$150,653
	297502 CNT PIPELN EXT	Ext 230 - Rancho Valencia	104,351	\$33,914	\$143,963	\$46,788	\$97,175
	287501 CNT PIPELN EXT	El Apajo Estates (River Run)	12,476	\$3,493	\$18,162	\$5,085	\$13,076
	287502 CNT PIPELN EXT	Christopher Hill Duplexes	125,000	\$35,000	\$181,965	\$50,950	\$131,015
	287503 CNT PIPELN EXT	Christopher Hill Triplexes	169,500	\$47,460	\$246,745	\$69,089	\$177,657
	277500 CNT PIPELN EXT	Main Ext 186-Narcissus Summit	55,565	\$20,837	\$84,643	\$31,741	\$52,902
	277501 CNT PIPELN EXT	Main Ext 145B Fh & Water Svcs	27,013	\$10,130	\$41,149	\$15,431	\$25,718
	277503 CNT PIPELN EXT	Main Ext 239 Passo Fiore	58,762	\$22,036	\$89,513	\$33,568	\$55,946
	277502 CNT PIPELN EXT	Main Ext 196C Poco Log/Roxbury	67,500	\$25,313	\$102,824	\$38,559	\$64,265
	267505 CNT PIPELN EXT	Main Ext 229-Lux Art	62,199	\$24,880	\$98,164	\$39,266	\$58,898
	267501 CNT PIPELN EXT	Main Extension 186A	50,000	\$20,000	\$78,911	\$31,565	\$47,347
	267502 CNT PIPELN EXT	Main Extension 186B	45,800	\$18,320	\$72,283	\$28,913	\$43,370
	267503 CNT PIPELN EXT	Main Extension 186C	48,300	\$19,320	\$76,228	\$30,491	\$45,737
	267504 CNT PIPELN EXT	Main Extension 186D	28,500	\$11,400	\$44,979	\$17,992	\$26,988
	267506 CNT PIPELN EXT	Main Extension 214	44,000	\$17,600	\$69,442	\$27,777	\$41,665
	267507 CNT PIPELN EXT	Bridges Main Ext 145	285,241	\$114,096	\$450,175	\$180,070	\$270,105
	257501 CNT PIPELN EXT	Main Ext 201-Dixon	152,000	\$64,600	\$247,042	\$104,993	\$142,049
	247505 CNT PIPELN EXT	Extension 222	31,000	\$13,950	\$51,043	\$22,969	\$28,073
	247501 CNT PIPELN EXT	Main Ext 149C	73,000	\$32,850	\$120,197	\$54,089	\$66,108
	247502 CNT PIPELN EXT	Main Ext 220	25,800	\$11,610	\$42,481	\$19,116	\$23,364
	247503 CNT PIPELN EXT	Main Ext 224	48,000	\$21,600	\$79,034	\$35,565	\$43,469
	247504 CNT PIPELN EXT	Extension 227	39,000	\$17,550	\$64,215	\$28,897	\$35,318
	247506 CNT PIPELN EXT	Ext 219 - Rio Vista	51,100	\$22,995	\$84,138	\$37,862	\$46,276
	237506 CNT PIPELN EXT	Extension 212	21,000	\$9,975	\$37,609	\$17,864	\$19,745
	227505 CNT PIPELN EXT	Main Ext 207	64,000	\$32,000	\$116,615	\$58,308	\$58,308
	217504 CNT PIPELN EXT	Main Ext 205	57,000	\$29,925	\$106,387	\$55,853	\$50,534
	217502 CNT PIPELN EXT	Main Ext 195	26,000	\$13,650	\$48,528	\$25,477	\$23,051
	217503 CNT PIPELN EXT	Main Ext 211	81,200	\$42,630	\$151,555	\$79,567	\$71,989
	207501 CNT PIPELN EXT	Pipeline 99/00 Adds	454,300	\$249,865	\$866,986	\$476,842	\$390,144
	750164 CNT PIPELN EXT	Extension 149D	20,000	\$11,500	\$39,522	\$22,725	\$16,797
	750165 CNT PIPELN EXT	Extension 149B	71,000	\$40,825	\$140,302	\$80,673	\$59,628

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	750162 CNT PIPELN EXT	Pipeline 97/98 Adds	233,585	\$145,991	\$472,833	\$295,521	\$177,312
	750163 CNT PIPELN EXT	Unit S Pipeline	469,415	\$293,384	\$950,210	\$593,882	\$356,329
	750161 CNT PIPELN EXT	Rancho Cielo 27"	250,000	\$156,250	\$506,061	\$316,288	\$189,773
	750160 CNT PIPELN EXT	P/L Ext #134A	96,500	\$62,725	\$198,470	\$129,006	\$69,465
	750159 CNT PIPELN EXT	P/L Ext #193	28,000	\$18,200	\$57,587	\$37,432	\$20,156
	750158 CNT PIPELN EXT	Ext #191	42,000	\$27,300	\$86,381	\$56,148	\$30,233
	750156 CNT PIPELN EXT	P/L Ext# 192 '95	81,000	\$54,675	\$167,414	\$113,004	\$54,410
	750155 CNT PIPELN EXT	P/L Ext# 142 '95	590,000	\$398,250	\$1,219,435	\$823,119	\$396,316
	750157 CNT PIPELN EXT	P/L Ext# 149A '95	49,000	\$33,075	\$101,275	\$68,361	\$32,914
	750154 CNT PIPELN EXT	P/L Ext# 194 '95	40,000	\$27,000	\$82,674	\$55,805	\$26,869
	750151 CNT PIPELN EXT	P/L Ext 177	29,000	\$20,300	\$59,877	\$41,914	\$17,963
	750153 CNT PIPELN EXT	P/L Ext 146	25,000	\$17,500	\$51,618	\$36,132	\$15,485
	750152 CNT PIPELN EXT	P/L Ext 149	35,500	\$24,850	\$73,297	\$51,308	\$21,989
	750145 CNT PIPELN EXT	P/L Ext # 184	15,500	\$11,238	\$32,275	\$23,400	\$8,876
	750150 CNT PIPELN EXT	P/L Ext # 187	22,500	\$16,313	\$46,851	\$33,967	\$12,884
	750146 CNT PIPELN EXT	P/L Ext # 172	59,000	\$42,775	\$122,854	\$89,069	\$33,785
	750147 CNT PIPELN EXT	P/L Ext # 99A	36,000	\$26,100	\$74,962	\$54,347	\$20,615
	750148 CNT PIPELN EXT	P/L Ext # 174	68,000	\$49,300	\$141,595	\$102,656	\$38,939
	750149 CNT PIPELN EXT	P/L Ext # 178	41,000	\$29,725	\$85,373	\$61,896	\$23,478
	750142 CNT PIPELN EXT	P/L Ext.#181	36,000	\$27,000	\$76,489	\$57,366	\$19,122
	750140 CNT PIPELN EXT	P/L Ext.#157	37,500	\$28,125	\$79,676	\$59,757	\$19,919
	750141 CNT PIPELN EXT	P/L Ext.#162	42,000	\$31,500	\$89,237	\$66,927	\$22,309
	750143 CNT PIPELN EXT	P/L Ext.#157	21,000	\$15,750	\$44,618	\$33,464	\$11,155
	750144 CNT PIPELN EXT	P/L Ext.#188	16,500	\$12,375	\$35,057	\$26,293	\$8,764
	750135 CNT PIPELN EXT	P/L Ext #176	114,000	\$88,350	\$252,492	\$195,681	\$56,811
	750137 CNT PIPELN EXT	P/L Ext #170	15,000	\$11,625	\$33,223	\$25,748	\$7,475
	750132 CNT PIPELN EXT	P/L Ext #161	87,750	\$68,006	\$194,352	\$150,623	\$43,729
	750134 CNT PIPELN EXT	P/L Ext #160	16,500	\$12,788	\$36,545	\$28,322	\$8,223
	750138 CNT PIPELN EXT	P/L Ext #168	30,500	\$23,638	\$67,553	\$52,353	\$15,199
	750136 CNT PIPELN EXT	P/L Ext #173	72,500	\$56,188	\$160,576	\$124,446	\$36,130
	750139 CNT PIPELN EXT	P/L Ext #154	110,000	\$85,250	\$243,633	\$188,815	\$54,817
	750130 CNT PIPELN EXT	P/L Ext. 101	152,000	\$121,600	\$342,023	\$273,619	\$68,405
	750131 CNT PIPELN EXT	P/L Ext. 158	35,500	\$28,400	\$79,880	\$63,904	\$15,976
	750125 CNT PIPELN EXT	P/L Ext. 88A	19,000	\$15,200	\$42,753	\$34,202	\$8,551
	750126 CNT PIPELN EXT	P/L Ext. 151	87,000	\$69,600	\$195,763	\$156,611	\$39,153
	750127 CNT PIPELN EXT	P/L Ext. 140	949,500	\$759,600	\$2,136,520	\$1,709,216	\$427,304
	750128 CNT PIPELN EXT	P/L Ext. 104	75,000	\$60,000	\$168,761	\$135,009	\$33,752
	750129 CNT PIPELN EXT	P/L Ext 155	42,500	\$34,000	\$95,631	\$76,505	\$19,126
	750121 CNT PIPELN EXT	P/L Ext. 147	19,000	\$15,675	\$44,265	\$36,519	\$7,746
	750122 CNT PIPELN EXT	P/L Ext 120	195,000	\$160,875	\$454,299	\$374,797	\$79,502
	750123 CNT PIPELN EXT	P/L Ext 109A	50,500	\$41,663	\$117,652	\$97,063	\$20,589
	750124 CNT PIPELN EXT	P/L Ext. 82	13,000	\$10,725	\$30,287	\$24,986	\$5,300
	750117 CNT PIPELN EXT	P/L Extension #133	145,700	\$123,845	\$340,556	\$289,473	\$51,083
	750118 CNT PIPELN EXT	P/L Extension #135	36,500	\$31,025	\$85,314	\$72,517	\$12,797
	750120 CNT PIPELN EXT	P/L Extension #115A	442,000	\$375,700	\$1,033,122	\$878,154	\$154,968
	750119 CNT PIPELN EXT	P/L Extension #129	20,000	\$17,000	\$46,748	\$39,735	\$7,012

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	750112 CNT PIPELN EXT	P/L Extension # 138	61,500	\$53,813	\$151,540	\$132,598	\$18,943
	750114 CNT PIPELN EXT	P/L Extension # 134	81,500	\$71,313	\$200,821	\$175,719	\$25,103
	750115 CNT PIPELN EXT	P/L Extension # 119	17,500	\$15,313	\$43,121	\$37,731	\$5,390
	750111 CNT PIPELN EXT	P/L Extension # 132	26,000	\$22,750	\$64,066	\$56,058	\$8,008
	750113 CNT PIPELN EXT	P/L Extension #136	23,500	\$20,563	\$57,906	\$50,667	\$7,238
	750116 CNT PIPELN EXT	P/L Extension # 139	15,000	\$13,125	\$36,961	\$32,341	\$4,620
	750106 CNT PIPELN EXT	P/L Extension # 92	25,728	\$23,155	\$63,651	\$57,286	\$6,365
	750107 CNT PIPELN EXT	P/L Extension # 113	22,500	\$20,250	\$55,665	\$50,098	\$5,566
	750109 CNT PIPELN EXT	P/L Extension # 72	64,500	\$58,050	\$159,572	\$143,615	\$15,957
	750110 CNT PIPELN EXT	P/L Extension # 112	44,640	\$40,176	\$110,439	\$99,395	\$11,044
	750104 CNT PIPELN EXT	P/L Extension # 127	185,000	\$166,500	\$457,687	\$411,918	\$45,769
	750103 CNT PIPELN EXT	Extension 116	50,000	\$46,250	\$123,824	\$114,537	\$9,287
	750105 CNT PIPELN EXT	P/L Extension # 111	105,000	\$97,125	\$260,031	\$240,529	\$19,502
	750099 CNT PIPELN EXT	Extension 123	157,000	\$145,225	\$388,808	\$359,648	\$29,161
	750100 CNT PIPELN EXT	Extension 124	12,800	\$11,840	\$31,699	\$29,322	\$2,377
	750101 CNT PIPELN EXT	Extension 125	164,000	\$151,700	\$406,144	\$375,683	\$30,461
	750102 CNT PIPELN EXT	Extension 128	107,500	\$99,438	\$266,222	\$246,256	\$19,967
	750097 CNT PIPELN EXT	Extension 96	23,500	\$22,325	\$60,264	\$57,251	\$3,013
	750098 CNT PIPELN EXT	Extension 122	41,500	\$39,425	\$106,423	\$101,102	\$5,321
	750096 CNT PIPELN EXT	Extension 128	107,500	\$102,125	\$275,675	\$261,891	\$13,784
	750092 CNT PIPELN EXT	Ext 108	151,400	\$147,615	\$403,283	\$393,201	\$10,082
	750094 CNT PIPELN EXT	Ext 118	45,000	\$43,875	\$119,866	\$116,870	\$2,997
	750095 CNT PIPELN EXT	Ext 118 Off-Site	56,500	\$55,088	\$150,499	\$146,736	\$3,762
	750091 CNT PIPELN EXT	Ext 105	20,000	\$19,500	\$53,274	\$51,942	\$1,332
	750093 CNT PIPELN EXT	Ext 115	45,000	\$43,875	\$119,866	\$116,870	\$2,997
	750069 CNT PIPELN EXT	Extension #52	24,650	\$13,804	\$81,050	\$45,388	\$35,662
	750070 CNT PIPELN EXT	Extension #74	11,400	\$6,384	\$37,483	\$20,991	\$16,493
	750071 CNT PIPELN EXT	Extension #73	18,600	\$10,416	\$61,157	\$34,248	\$26,909
	750072 CNT PIPELN EXT	Extension #75	10,400	\$5,824	\$34,195	\$19,149	\$15,046
	750073 CNT PIPELN EXT	Extension #79	13,500	\$7,560	\$44,388	\$24,857	\$19,531
	750074 CNT PIPELN EXT	Extension #86	34,000	\$19,040	\$111,792	\$62,604	\$49,189
	750076 CNT PIPELN EXT	Ext 29 Supplement	3,145	\$1,761	\$10,341	\$5,791	\$4,550
	750075 CNT PIPELN EXT	Extension #84	53,000	\$29,680	\$174,265	\$97,588	\$76,676
	750059 CNT PIPELN EXT	Extension #50	41,151	\$23,593	\$152,542	\$87,457	\$65,085
	750064 CNT PIPELN EXT	Extension #75	10,400	\$5,963	\$38,552	\$22,103	\$16,449
	750065 CNT PIPELN EXT	Extension #76	16,000	\$9,173	\$59,310	\$34,004	\$25,306
	750060 CNT PIPELN EXT	Extension #56	14,912	\$8,550	\$55,277	\$31,692	\$23,585
	750062 CNT PIPELN EXT	Extension #68	34,400	\$19,723	\$127,517	\$73,110	\$54,407
	750063 CNT PIPELN EXT	Extension #69	11,430	\$6,553	\$42,370	\$24,292	\$18,078
	750066 CNT PIPELN EXT	Extension #77	24,207	\$13,879	\$89,733	\$51,447	\$38,286
	750067 CNT PIPELN EXT	Extension #78	13,400	\$7,683	\$49,672	\$28,479	\$21,193
	750061 CNT PIPELN EXT	Extension #60	32,600	\$18,691	\$120,844	\$69,284	\$51,560
	750053 CNT PIPELN EXT	Extension #71	20,800	\$12,203	\$82,006	\$48,110	\$33,896
	750055 CNT PIPELN EXT	Extension #63	7,800	\$4,576	\$30,752	\$18,041	\$12,711
	750057 CNT PIPELN EXT	Extension #57	16,000	\$9,387	\$63,082	\$37,008	\$26,074
	750054 CNT PIPELN EXT	Extension #65	11,200	\$6,571	\$44,157	\$25,906	\$18,252

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	750056 CNT PIPELN EXT	Snypes & Salerno	20,950	\$12,291	\$82,598	\$48,457	\$34,140
	750058 CNT PIPELN EXT	Extension #67	7,300	\$4,283	\$28,781	\$16,885	\$11,896
	750042 CNT PIPELN EXT	Extension #41	37,271	\$22,860	\$209,387	\$128,424	\$80,963
	750045 CNT PIPELN EXT	Extension #44	12,015	\$7,369	\$67,501	\$41,400	\$26,100
	750046 CNT PIPELN EXT	Extension #45	16,380	\$10,046	\$92,022	\$56,440	\$35,582
	750038 CNT PIPELN EXT	Extension #37	5,200	\$3,189	\$29,213	\$17,917	\$11,296
	750039 CNT PIPELN EXT	Extension #38	16,022	\$9,827	\$90,008	\$55,205	\$34,803
	750040 CNT PIPELN EXT	Extension #39	22,643	\$13,888	\$127,206	\$78,020	\$49,186
	750041 CNT PIPELN EXT	Extension #40	22,701	\$13,923	\$127,533	\$78,220	\$49,313
	750044 CNT PIPELN EXT	Extension #43	5,248	\$3,219	\$29,480	\$18,081	\$11,399
	750047 CNT PIPELN EXT	Extension #47	10,148	\$6,224	\$57,011	\$34,966	\$22,044
	750048 CNT PIPELN EXT	Extension #48	9,558	\$5,862	\$53,695	\$32,933	\$20,762
	750051 CNT PIPELN EXT	Extension #53	10,401	\$6,379	\$58,434	\$35,839	\$22,594
	750043 CNT PIPELN EXT	Extension #42	4,000	\$2,453	\$22,472	\$13,783	\$8,689
	750049 CNT PIPELN EXT	Extension #49	7,467	\$4,580	\$41,949	\$25,729	\$16,220
	750036 CNT PIPELN EXT	Extension #35	12,642	\$7,922	\$77,091	\$48,310	\$28,781
	750037 CNT PIPELN EXT	Extension #36	5,316	\$3,403	\$35,501	\$22,720	\$12,780
	750031 CNT PIPELN EXT	Extension #30	9,757	\$6,374	\$69,448	\$45,373	\$24,075
	750033 CNT PIPELN EXT	Extension #32	1,069	\$698	\$7,609	\$4,971	\$2,638
	750032 CNT PIPELN EXT	Extension #31	3,761	\$2,508	\$28,943	\$19,295	\$9,648
	750034 CNT PIPELN EXT	Extension #33	6,043	\$4,029	\$46,497	\$30,998	\$15,499
	750030 CNT PIPELN EXT	Extension #29	12,307	\$8,205	\$94,700	\$63,133	\$31,567
	750035 CNT PIPELN EXT	Extension #34	10,274	\$6,849	\$79,053	\$52,702	\$26,351
	750028 CNT PIPELN EXT	Extension #27	2,326	\$1,581	\$19,842	\$13,493	\$6,350
	750029 CNT PIPELN EXT	Extension #28	2,217	\$1,508	\$18,917	\$12,863	\$6,053
	750020 CNT PIPELN EXT	Extension #19	10,759	\$7,603	\$114,356	\$80,812	\$33,544
	750027 CNT PIPELN EXT	Extension #26	3,075	\$2,173	\$32,685	\$23,098	\$9,588
	750022 CNT PIPELN EXT	Extension #21	1,350	\$954	\$14,350	\$10,140	\$4,209
	750026 CNT PIPELN EXT	Extension #25	4,437	\$3,135	\$47,162	\$33,328	\$13,834
	750025 CNT PIPELN EXT	Extension #24	31,000	\$21,907	\$329,510	\$232,854	\$96,656
	750021 CNT PIPELN EXT	Extension #20	1,000	\$720	\$11,678	\$8,409	\$3,270
	750023 CNT PIPELN EXT	Extension #22	11,155	\$8,032	\$130,273	\$93,797	\$36,477
	750024 CNT PIPELN EXT	Extension #23	22,033	\$15,864	\$257,312	\$185,265	\$72,047
	750018 CNT PIPELN EXT	Extension #18	3,681	\$2,700	\$46,234	\$33,905	\$12,329
	750017 CNT PIPELN EXT	Extension #17	15,100	\$11,073	\$189,645	\$139,073	\$50,572
	750015 CNT PIPELN EXT	Extension #15	1,200	\$896	\$15,885	\$11,860	\$4,024
	750011 CNT PIPELN EXT	Extension #11	1,250	\$966	\$18,008	\$13,926	\$4,082
	750013 CNT PIPELN EXT	Extension #13	2,000	\$1,547	\$28,822	\$22,289	\$6,533
	294704 CNT PIPELNS-REC	RANCHO LAKES UNIT 3	167,141	\$25,071	\$202,229	\$30,334	\$171,895
	294403 CNT PIPELNS-REC	SDUHS DISTRICT WS & FDC INSTALL	16,612	\$1,993	\$20,099	\$2,412	\$17,687
	294402 CNT PIPELNS-REC	RSF FARMS RECYCLED RETROFIT PROJECT	18,710	\$2,245	\$22,638	\$2,717	\$19,921
	727631 CNT PIPELNS-REC	Rancho Santa Fe Lakes Unit 2, TM 5069	35,000	\$5,600	\$43,960	\$7,034	\$36,926
	727629 CNT PIPELNS-REC	Rsf Lakes - Old Course Rd	803,650	\$144,657	\$1,051,964	\$189,354	\$862,611
	727630 CNT PIPELNS-REC	Mission Ranch	100,550	\$18,099	\$131,618	\$23,691	\$107,927
	294406 CNT PIPELNS-REC	4S Nbhd #3, Units 3 & 4	336,513	\$84,128	\$440,709	\$110,177	\$330,532
	294405 CNT PIPELNS-REC	Fbrcc - Upsize Recycled Wtrline	377,892	\$113,368	\$511,660	\$153,498	\$358,162

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
727627	CNT PIPELNS-REC	4S Ranch Nbhd 3 Unit 2	62,081	\$14,899	\$84,057	\$20,174	\$63,883
727628	CNT PIPELNS-REC	Del Norte High School	7,854	\$1,885	\$10,634	\$2,552	\$8,082
294401	CNT PIPELNS-REC	Nw Quadrant (Initial Const)	5,168,500	\$1,679,762	\$7,130,483	\$2,317,407	\$4,813,076
294404	CNT PIPELNS-REC	La Costa Glen Phase 1	352,644	\$114,609	\$486,509	\$158,115	\$328,394
727624	CNT PIPELNS-REC	Dove Canyon Apartments	6,545	\$2,127	\$9,030	\$2,935	\$6,095
727625	CNT PIPELNS-REC	4S Ranch Nbhd 3 Unit 1	451,824	\$146,843	\$623,338	\$202,585	\$420,753
727626	CNT PIPELNS-REC	4S Ranch Recycled Prs #2	86,479	\$22,485	\$119,307	\$31,020	\$88,287
284401	CNT PIPELNS-REC	Crosby Estates 5073-7	74,000	\$20,720	\$107,724	\$30,163	\$77,561
284402	CNT PIPELNS-REC	4S Ranch Nbhd 2 Unit 3	353,375	\$98,945	\$514,416	\$144,037	\$370,380
274400	CNT PIPELNS-REC	La Costa Oaks S Cmno Junipero	114,519	\$42,945	\$174,449	\$65,418	\$109,031
274401	CNT PIPELNS-REC	La Costa Oaks Nbhd 3.10-3.15	125,000	\$46,875	\$190,415	\$71,406	\$119,009
274402	CNT PIPELNS-REC	Crosby @ Rsf Tm 5073-1	119,000	\$44,625	\$181,275	\$67,978	\$113,297
274403	CNT PIPELNS-REC	Crosby Tm 5073-2	508,600	\$190,725	\$774,761	\$290,535	\$484,225
274404	CNT PIPELNS-REC	Crosby Unit 3 Tm 5073-3	32,000	\$12,000	\$48,746	\$18,280	\$30,466
274405	CNT PIPELNS-REC	Crosby Tm 5073-4	69,400	\$26,025	\$105,718	\$39,644	\$66,074
274406	CNT PIPELNS-REC	Unit Rb-1 Pipeline - Sfv	278,803	\$83,641	\$424,706	\$127,412	\$297,294
274407	CNT PIPELNS-REC	Unit Ra-2 Pipeline - Sfv	59,245	\$17,773	\$90,248	\$27,075	\$63,174
727622	CNT PIPELNS-REC	4S Ranch Community Park	13,357	\$5,009	\$20,347	\$7,630	\$12,717
727623	CNT PIPELNS-REC	4S Ranch Nbhd 1 Backbone	1,384,736	\$519,276	\$2,109,396	\$791,024	\$1,318,373
440601	CNT PIPELNS-REC	Unit Ra - 1	250,587	\$100,235	\$395,482	\$158,193	\$237,289
727602	CNT PIPELNS-REC	Unit Ra-Bernardo Lks	60,189	\$19,261	\$94,992	\$30,398	\$64,595
727603	CNT PIPELNS-REC	Alav Rd 12" Rclmd Pl	152,412	\$48,772	\$240,540	\$76,973	\$163,567
727604	CNT PIPELNS-REC	Alva Rd 12" Rclmd Pl	49,924	\$15,976	\$78,792	\$25,213	\$53,578
727619	CNT PIPELNS-REC	4S Ranch Unit 8	47,000	\$18,800	\$74,177	\$29,671	\$44,506
727620	CNT PIPELNS-REC	4S Ranch Nbhd 2 #1	189,699	\$75,880	\$299,388	\$119,755	\$179,633
727621	CNT PIPELNS-REC	4S Ranch Nbhd 2 #2	289,408	\$115,763	\$456,751	\$182,700	\$274,051
430502	CNT PIPELNS-REC	Unit Rb-2	193,533	\$82,252	\$314,546	\$133,682	\$180,864
440501	CNT PIPELNS-REC	Unit Rb-2 Pipeline	380,535	\$161,727	\$618,476	\$262,852	\$355,624
440502	CNT PIPELNS-REC	Unit Rc-1 P/L	515,879	\$219,249	\$838,448	\$356,340	\$482,107
727615	CNT PIPELNS-REC	4S Planning Area 26	1,600	\$680	\$2,600	\$1,105	\$1,495
727616	CNT PIPELNS-REC	4S Planning Area 25	3,900	\$1,658	\$6,339	\$2,694	\$3,645
727617	CNT PIPELNS-REC	4S Planning Area 15	22,000	\$9,350	\$35,756	\$15,196	\$20,560
727618	CNT PIPELNS-REC	4S Planning Area 12	16,500	\$7,013	\$26,817	\$11,397	\$15,420
727614	CNT PIPELNS-REC	Christopher Hill	107,500	\$48,375	\$177,003	\$79,651	\$97,351
212204	PIPELINES	EL CAMINO REAL PIPELINE REPLACEMENT	5,076,152	\$126,904	\$5,255,218	\$131,380	\$5,123,837
212205	PIPELINES	MANCHESTER PIPELINE	3,476,154	\$86,904	\$3,598,778	\$89,969	\$3,508,809
212207	PIPELINES	STRATFORD HOA PIPELINE	94,493	\$2,362	\$97,826	\$2,446	\$95,381
212209	PIPELINES	VILLAGE VIEW RD PIPELINE REPAIR	56,870	\$1,422	\$58,876	\$1,472	\$57,404
212210	PIPELINES	GARDENVIEW CT PIPELINE REPAIR	38,402	\$960	\$39,757	\$994	\$38,763
212201	PIPELINES	STEEL MAINS PROTECTION	83,378	\$2,084	\$86,319	\$2,158	\$84,161
212202	PIPELINES	METER ANODES	8,913	\$223	\$9,228	\$231	\$8,997
212203	PIPELINES	VALVE REPLACEMENT FY2122	721,971	\$18,049	\$747,439	\$18,686	\$728,754
212206	PIPELINES	PIPELINE REPLACEMENTS FY2122	76,605	\$1,915	\$79,307	\$1,983	\$77,324
212208	PIPELINES	CIRCO DIEGUENO CT	38,777	\$969	\$40,145	\$1,004	\$39,142
202145	PIPELINES	MORNING SUN PRS	568,902	\$28,445	\$636,523	\$31,826	\$604,697
202141	PIPELINES	FY 20/21 VALVE REPLACEMENTS	1,298,166	\$64,908	\$1,452,470	\$72,623	\$1,379,846

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	202142 PIPELINES	STEEL MAINS PROTECTION	86,915	\$4,346	\$97,246	\$4,862	\$92,384
	202144 PIPELINES	METER ANODES - FY 20/21	37,675	\$1,884	\$42,153	\$2,108	\$40,045
	202143 PIPELINES	LUSARDI CANYON CORROSION PROTECTION	300,457	\$15,023	\$336,170	\$16,809	\$319,362
	297851 PIPELINES	RANCHO SANTA FE RD VALVE REPLACEMENT	76,643	\$5,748	\$85,346	\$6,401	\$78,945
	297853 PIPELINES	INDIAN HEAD CYN PL ADD'L PROTECTION WORK	47,495	\$14,248	\$52,888	\$15,866	\$37,022
	297850 PIPELINES	FY 2020 VALVE REPLACEMENTS	649,284	\$48,696	\$723,012	\$54,226	\$668,786
	297852 PIPELINES	UNIT AA PIPELINE ADD'L PROTECTION WORK	150,898	\$22,635	\$168,033	\$25,205	\$142,828
	297854 PIPELINES	STEEL MAINS PROTECTION	69,117	\$5,184	\$76,965	\$5,772	\$71,193
	297855 PIPELINES	METER ANODES	28,149	\$2,111	\$31,346	\$2,351	\$28,995
	297822 PIPELINES	OLIVENHAIN RD MAIN/VALVE RPLCMNT - EMERG	62,215	\$6,222	\$70,283	\$7,028	\$63,255
	297823 PIPELINES	CADENCIA VALVE REPLACEMENT	43,351	\$4,335	\$48,973	\$4,897	\$44,076
	297824 PIPELINES	MAIN EXT 235A - PHASE 2	215,925	\$21,592	\$243,926	\$24,393	\$219,533
	297826 PIPELINES	MANCHESTER 14" CATHODIC PROTECTION	29,887	\$2,989	\$33,763	\$3,376	\$30,386
	297821 PIPELINES	FY 2019 VALVE REPLACEMENTS	1,284,986	\$128,499	\$1,451,622	\$145,162	\$1,306,460
	297825 PIPELINES	STEEL MAINS PROTECTION	40,410	\$4,041	\$45,650	\$4,565	\$41,085
	297827 PIPELINES	METER ANODES REPLACEMENT	17,520	\$1,752	\$19,792	\$1,979	\$17,813
	707221 PIPELINES	EXT 235A PHASE I	113,705	\$14,213	\$131,804	\$16,475	\$115,328
	297812 PIPELINES	FY 2018 VALVE REPLACEMENTS	1,748,504	\$218,563	\$2,026,810	\$253,351	\$1,773,459
	297803 PIPELINES	FY 2017 VALVE REPLACEMENTS	1,190,492	\$178,574	\$1,440,413	\$216,062	\$1,224,351
	297804 PIPELINES	FY 2017 STEEL MAINS PROTECTION	36,161	\$5,424	\$43,752	\$6,563	\$37,189
	297802 PIPELINES	PALMS RESERVOIR PIPELINE	386,711	\$58,007	\$467,893	\$70,184	\$397,709
	297287 PIPELINES	HYDRANT - DORADO PLACE	20,377	\$4,890	\$24,655	\$5,917	\$18,738
	297288 PIPELINES	HYDRANT - ESFERA & CORNER PIRAGUA	25,245	\$6,059	\$30,545	\$7,331	\$23,214
	297289 PIPELINES	HYDRANT - ESFERA & CORNER CABO WAY	20,568	\$4,936	\$24,886	\$5,973	\$18,913
	297290 PIPELINES	HYDRANT - CARVALLO CT & CADENCIA ST	25,547	\$6,131	\$30,910	\$7,418	\$23,492
	297291 PIPELINES	HYDRANT - 7940 DIXIE LANE	30,238	\$7,257	\$36,586	\$8,781	\$27,805
	297292 PIPELINES	HYDRANT (3) AVENIDA LA POSTA	37,210	\$8,930	\$45,022	\$10,805	\$34,216
	297293 PIPELINES	HYDRANT - VILLAGE RUN EAST & EASTWOOD LN	24,305	\$5,833	\$29,407	\$7,058	\$22,350
	297294 PIPELINES	HYDRANT-4" BRANCH @ VILLAGE RUN E	44,172	\$10,601	\$53,445	\$12,827	\$40,618
	297295 PIPELINES	HYDRANT (4) SHANAS LANE	50,761	\$12,183	\$61,417	\$14,740	\$46,677
	297296 PIPELINES	HYDRANT (3) VANESSA CIRCLE	46,445	\$11,147	\$56,195	\$13,487	\$42,708
	297297 PIPELINES	HYDRANT - 1509 LINDA SUE LANE	32,071	\$7,697	\$38,804	\$9,313	\$29,491
	297298 PIPELINES	HYDRANT (2) - HONEYCOMB CT - ENCINITAS	24,216	\$5,812	\$29,300	\$7,032	\$22,268
	297299 PIPELINES	HYDRANT (3) COUNTRYHAVEN RD	37,970	\$9,113	\$45,941	\$11,026	\$34,915
	297300 PIPELINES	HYDRANT (2) - SPRINGDALE LANE	30,660	\$7,358	\$37,096	\$8,903	\$28,193
	297500 PIPELINES	HYDRANT (2) MISTY CIRCLE	46,622	\$11,189	\$56,409	\$13,538	\$42,871
	297600 PIPELINES	HYDRANT - 1851 AUTUM PLACE	21,209	\$5,090	\$25,661	\$6,159	\$19,503
	297700 PIPELINES	HYDRANT/INLINE - 2104 VALLEYDALE LANE	28,578	\$6,859	\$34,577	\$8,299	\$26,279
	297800 PIPELINES	HYDRANT/BRANCH - 2144 VALLEYDALE LN	23,431	\$5,623	\$28,350	\$6,804	\$21,546
	297285 PIPELINES	FY 2016 CATHODIC TEST STATIONS	5,707	\$2,283	\$6,905	\$2,762	\$4,143
	297286 PIPELINES	DEEP WELL ANODES - UNIT G SPUR	61,433	\$14,744	\$74,330	\$17,839	\$56,491
	297801 PIPELINES	FY 2016 VALVES (60) - LESS THAN \$20K EA	852,603	\$204,625	\$1,031,591	\$247,582	\$784,009
	297274 PIPELINES	Thornton Pump Station Pipeline Relo	164,676	\$28,818	\$202,282	\$35,399	\$166,883
	297279 PIPELINES	Valve 409 Village Center WSV9168	29,077	\$8,142	\$35,717	\$10,001	\$25,716
	297280 PIPELINES	Valve 20169 Colina Encantada WSVN5121	24,939	\$6,983	\$30,634	\$8,578	\$22,057
	297281 PIPELINES	Valve 2107 Mt Vista WSVF9103	21,637	\$6,058	\$26,578	\$7,442	\$19,136

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	297283 PIPELINES	Valve 218 Sierra Ridge WSVF10163	20,672	\$5,788	\$25,393	\$7,110	\$18,283
	297276 PIPELINES	Deep Well Anode Unit K (EAM #WMLK51019)	10,950	\$3,066	\$13,450	\$3,766	\$9,684
	297277 PIPELINES	FY 2015 Cathodic Protection	18,860	\$8,801	\$23,167	\$10,811	\$12,356
	297278 PIPELINES	FY 2015 Meter Anode Replacements	60,114	\$28,053	\$73,842	\$34,460	\$39,382
	297284 PIPELINES	FY 2015 Valve Replacements	1,244,177	\$348,369	\$1,528,297	\$427,923	\$1,100,374
	297273 PIPELINES	20" P/L Rplc (218lf) @ RSF Lakes Unit 3	43,435	\$7,601	\$53,353	\$9,337	\$44,017
	297275 PIPELINES	14" P/L Rplc (104lf) @ 520 Vault Unit 3	285,943	\$50,040	\$351,241	\$61,467	\$289,774
	297282 PIPELINES	24" Butterfly Valve Unit Z PS WSVQ15103	22,916	\$6,416	\$28,149	\$7,882	\$20,267
	297269 PIPELINES	10" Inline Valve 322 Sierra Ridge	21,250	\$6,800	\$26,690	\$8,541	\$18,149
	297271 PIPELINES	Encinitas Village Center - 13 Hydrants	162,000	\$51,840	\$203,471	\$65,111	\$138,360
	297266 PIPELINES	FY 2014 Cathodic Replacements	52,177	\$10,435	\$65,534	\$13,107	\$52,427
	297267 PIPELINES	FY 2014 Meter Anode Replacements	76,459	\$15,292	\$96,031	\$19,206	\$76,825
	297268 PIPELINES	FY 2014 Deep Well Anode Replacements	96,237	\$19,247	\$120,873	\$24,175	\$96,698
	297272 PIPELINES	FY 2014 Valve Replacements	1,008,953	\$322,865	\$1,267,238	\$405,516	\$861,722
	297270 PIPELINES	18" Valve Replacement La Costa Town Cntr	68,000	\$21,760	\$85,408	\$27,330	\$58,077
	297264 PIPELINES	Golem Reservoir Pipeline Replacement	73,554	\$14,711	\$92,383	\$18,477	\$73,906
	297248 PIPELINES	San Elijo Jpa Connection	115,454	\$25,977	\$151,128	\$34,004	\$117,124
	297254 PIPELINES	8" Vlve Rplc-Overland/Pheasant	21,130	\$4,754	\$27,659	\$6,223	\$21,436
	297246 PIPELINES	Olivenhain 9 & 10 Svc Connect	400,480	\$90,108	\$524,222	\$117,950	\$406,272
	297253 PIPELINES	12" Branch Valve @ Gaty	25,100	\$5,648	\$32,855	\$7,392	\$25,463
	297256 PIPELINES	Valve Replacements Fy 2013	651,021	\$146,480	\$852,175	\$191,739	\$660,436
	297257 PIPELINES	Unit Aa Valves	141,131	\$31,754	\$184,738	\$41,566	\$143,172
	297258 PIPELINES	Unit Aa Pipeline	8,559,556	\$1,925,900	\$11,204,313	\$2,520,970	\$8,683,342
	297259 PIPELINES	Unit Aa PI Capital Interest	2,051,234	\$461,528	\$2,685,030	\$604,132	\$2,080,898
	297261 PIPELINES	Deep Well Anodes	13,600	\$3,060	\$17,803	\$4,006	\$13,797
	297262 PIPELINES	Cathodic Test Stations Fy 2013	33,634	\$7,568	\$44,027	\$9,906	\$34,121
	297263 PIPELINES	Meter Anodes Fy 2013	28,491	\$6,411	\$37,295	\$8,391	\$28,903
	297245 PIPELINES	Elfin Forest 12" Looped P/L	566,941	\$127,562	\$742,115	\$166,976	\$575,140
	297247 PIPELINES	Interconnect W/San Dieguito	183,499	\$41,287	\$240,197	\$54,044	\$186,153
	297249 PIPELINES	Elfin Forest 12" P/L Rplcmnt	354,427	\$79,746	\$463,939	\$104,386	\$359,553
	297250 PIPELINES	Harmony Grv-Via Ambiente P/L	638,141	\$143,582	\$835,315	\$187,946	\$647,369
	297251 PIPELINES	Valve/Inline Valve Replacement	71,965	\$16,192	\$94,201	\$21,195	\$73,006
	297255 PIPELINES	Valve Rplc-Esmt E Stonebridge	25,660	\$5,774	\$33,589	\$7,557	\$26,031
	297252 PIPELINES	6611 Lago Corte Valve Rplcmnt	20,470	\$4,606	\$26,795	\$6,029	\$20,766
	297260 PIPELINES	Unit Z Vfd Repairs	23,386	\$5,262	\$30,612	\$6,888	\$23,724
	297235 PIPELINES	Hydrant Valve @ 3315 Cabo Ct	20,013	\$5,003	\$26,209	\$6,552	\$19,657
	297240 PIPELINES	Hydrant Valve-Romeria/Garbosa	39,002	\$9,750	\$51,078	\$12,770	\$38,309
	297241 PIPELINES	Hydrant Valve @ 3304 Azahar	33,851	\$8,463	\$44,333	\$11,083	\$33,250
	297242 PIPELINES	Hydrant Valve @ 7708 Morada	28,376	\$7,094	\$37,163	\$9,291	\$27,872
	297227 PIPELINES	Fy12 Cathodic Test Stations	102,201	\$25,550	\$133,846	\$33,461	\$100,384
	297228 PIPELINES	Fy12 Meter Anodes	102,764	\$25,691	\$134,584	\$33,646	\$100,938
	297244 PIPELINES	Fy12 Valve Replacements	513,394	\$128,349	\$672,359	\$168,090	\$504,269
	297229 PIPELINES	Rectifier #9 Deep Well Anode	16,790	\$4,197	\$21,988	\$5,497	\$16,491
	297230 PIPELINES	Mt Israel Deep Well Anode	17,662	\$4,416	\$23,131	\$5,783	\$17,348
	297231 PIPELINES	Rectifier #1 Deep Well Anode	81,547	\$20,387	\$106,796	\$26,699	\$80,097
	297232 PIPELINES	Rectifier #29 Deep Well Anode	56,916	\$14,229	\$74,539	\$18,635	\$55,904

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	297233 PIPELINES	Fy12 Deep Well Anodes	21,581	\$5,395	\$28,263	\$7,066	\$21,197
	297234 PIPELINES	Mt Israel Pipeline	599,953	\$149,988	\$785,719	\$196,430	\$589,290
	297243 PIPELINES	10" Valve-Paint Mtn Air N Vac	20,928	\$5,232	\$27,407	\$6,852	\$20,556
	297236 PIPELINES	Hydrant Valve @ Brava Del Rey	34,446	\$8,611	\$45,111	\$11,278	\$33,833
	297237 PIPELINES	Hydrant Valve @ Calle Major	40,641	\$10,160	\$53,225	\$13,306	\$39,918
	297238 PIPELINES	14" Inline Gate Valve-CI Major	68,376	\$17,094	\$89,548	\$22,387	\$67,161
	297239 PIPELINES	Rw Valve @ Dove Cyn/Lone Quail	21,536	\$5,384	\$28,204	\$7,051	\$21,153
	297213 PIPELINES	Blue Heron Pipeline Rplcmnt	166,588	\$45,812	\$223,558	\$61,478	\$162,079
	297211 PIPELINES	Meter Anode Replacement	86,228	\$23,713	\$115,716	\$31,822	\$83,894
	297212 PIPELINES	Bldg J Potable Line	87,265	\$23,998	\$117,108	\$32,205	\$84,903
	297226 PIPELINES	Fy10/11 Valve Replacements	310,809	\$85,472	\$417,099	\$114,702	\$302,397
	297210 PIPELINES	Deep Well Anodes	30,115	\$8,282	\$40,414	\$11,114	\$29,300
	297214 PIPELINES	Borrelli'S Center P/L Rplcmnt	54,506	\$14,989	\$73,146	\$20,115	\$53,031
	297215 PIPELINES	Hydrant Valve - Saragosa	17,392	\$4,783	\$23,340	\$6,418	\$16,921
	297216 PIPELINES	Valve - 3503 Cmnto Sierra	16,297	\$4,482	\$21,870	\$6,014	\$15,856
	297217 PIPELINES	Branch Valve & 8"X6" Tee	28,182	\$7,750	\$37,820	\$10,400	\$27,419
	297218 PIPELINES	Hydrant Valve - Linda Sue Lane	80,850	\$22,234	\$108,499	\$29,837	\$78,662
	297219 PIPELINES	In-Line Valve	14,892	\$4,095	\$19,985	\$5,496	\$14,489
	297220 PIPELINES	10" Branch Valve-Cerro/Taegon	20,383	\$5,605	\$27,354	\$7,522	\$19,831
	297221 PIPELINES	Takeoff Valve	17,392	\$4,783	\$23,340	\$6,418	\$16,921
	297222 PIPELINES	Hydrant Valve - 408 Cerro	20,146	\$5,540	\$27,036	\$7,435	\$19,601
	297223 PIPELINES	Detector Check Valve	20,539	\$5,648	\$27,563	\$7,580	\$19,983
	297224 PIPELINES	Hydrant Valve - 172 N El Cmno	18,668	\$5,134	\$25,052	\$6,889	\$18,163
	297225 PIPELINES	8" Occlude Valve	60,320	\$16,588	\$80,948	\$22,261	\$58,687
	297209 PIPELINES	Valve Replacements	190,426	\$57,128	\$257,834	\$77,350	\$180,484
	297208 PIPELINES	Rectifier #24 Harris Rnch Rplc	40,847	\$12,254	\$55,306	\$16,592	\$38,714
	297207 PIPELINES	4S-1 Reservoir Inlet Pipeline	2,819,199	\$676,608	\$3,817,151	\$916,116	\$2,901,035
	297203 PIPELINES	Valve Replacements	290,542	\$94,426	\$400,832	\$130,271	\$270,562
	297201 PIPELINES	Main 24-Fortuna Ranch Rd Rplc	2,712,511	\$881,566	\$3,742,191	\$1,216,212	\$2,525,979
	297204 PIPELINES	Rectifier 8 Anode Replacement	16,081	\$8,362	\$22,185	\$11,536	\$10,649
	297205 PIPELINES	Rectifier 21 Anode Replacement	16,142	\$8,394	\$22,269	\$11,580	\$10,689
	297206 PIPELINES	Lady'S Secret Anode Rplcmnt	17,905	\$9,310	\$24,701	\$12,845	\$11,857
	297202 PIPELINES	Rancho Cielo 24" Ball Valve	144,879	\$47,086	\$199,876	\$64,960	\$134,916
	287201 PIPELINES	Valve Replacements	127,601	\$44,660	\$185,752	\$65,013	\$120,739
	287202 PIPELINES	Cathodic/Corrosion Rplcmnt Pgm	41,546	\$14,541	\$60,480	\$21,168	\$39,312
	277204 PIPELINES	Manchester Rd P/L Replacement	1,163,946	\$349,184	\$1,773,063	\$531,919	\$1,241,144
	277205 PIPELINES	Agua Dulce P/L Replacement	244,233	\$73,270	\$372,045	\$111,613	\$260,431
	277202 PIPELINES	Valve Replacement Program	175,062	\$65,648	\$266,675	\$100,003	\$166,672
	277203 PIPELINES	Cathodic Test Station Rpr/Rplc	12,525	\$4,697	\$19,080	\$7,155	\$11,925
	277201 PIPELINES	Unit V2 Pipeline	161,884	\$48,565	\$246,602	\$73,981	\$172,621
	267201 PIPELINES	Shelley Project	210,931	\$67,498	\$332,897	\$106,527	\$226,370
	267204 PIPELINES	Rsf Pipeline Relo	528,499	\$169,120	\$834,090	\$266,909	\$567,181
	267208 PIPELINES	Cathodic Test Stat	17,858	\$7,143	\$28,184	\$11,274	\$16,910
	267203 PIPELINES	Unit G-1 Pipeline	4,316,728	\$1,381,353	\$6,812,770	\$2,180,086	\$4,632,684
	267207 PIPELINES	Valve Rplcmnt Pgm	168,159	\$67,263	\$265,392	\$106,157	\$159,235
	267211 PIPELINES	Raw Water Pipeline	70,028	\$22,409	\$110,520	\$35,366	\$75,154

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	267202 PIPELINES	Denk Inflow Pipeline	2,351,304	\$752,417	\$3,710,887	\$1,187,484	\$2,523,403
	267205 PIPELINES	Denk Outflow P/L	643,643	\$205,966	\$1,015,813	\$325,060	\$690,753
	267209 PIPELINES	Unit S-1 Valve	66,709	\$26,684	\$105,283	\$42,113	\$63,170
	267206 PIPELINES	Unit V3 & V4 P/L	598,079	\$191,385	\$943,904	\$302,049	\$641,855
	267210 PIPELINES	Unit W-2 Pipeline	23,990	\$7,677	\$37,861	\$12,116	\$25,746
	267212 PIPELINES	Unit X P/L Construct	1,654,350	\$529,392	\$2,610,937	\$835,500	\$1,775,437
	727201 PIPELINES	Ext 153 Capacity	820,040	\$468,594	\$1,294,208	\$739,547	\$554,661
	247202 PIPELINES	Vons Center P/L Rplc	33,584	\$15,113	\$55,296	\$24,883	\$30,413
	247203 PIPELINES	Looped P/L Off Heers	78,029	\$35,113	\$128,477	\$57,815	\$70,663
	247204 PIPELINES	48 P/L East Inspect	22,202	\$11,418	\$36,557	\$18,801	\$17,756
	247205 PIPELINES	W-2 Extension	155,209	\$69,844	\$255,557	\$115,001	\$140,556
	247201 PIPELINES	San Dieguito Rd P/L	278,598	\$125,369	\$458,722	\$206,425	\$252,297
	237205 PIPELINES	Woodwind P/L Rplcmnt	267,163	\$126,902	\$478,462	\$227,270	\$251,193
	237206 PIPELINES	Gaty Intertie & P/L	151,268	\$71,852	\$270,905	\$128,680	\$142,225
	237209 PIPELINES	Pipelines East	3,548,517	\$1,926,338	\$6,355,041	\$3,449,879	\$2,905,162
	237210 PIPELINES	Pipelines East	3,559,452	\$1,352,592	\$6,374,623	\$2,422,357	\$3,952,266
	237212 PIPELINES	Pipelines West	4,221,696	\$2,291,778	\$7,560,637	\$4,104,346	\$3,456,291
	237213 PIPELINES	Pipelines West	4,221,696	\$1,604,244	\$7,560,637	\$2,873,042	\$4,687,595
	237207 PIPELINES	Unit W-1 Pipeline	994,681	\$472,474	\$1,781,375	\$846,153	\$935,222
	237214 PIPELINES	Unit W-2 Pipeline	813,231	\$386,285	\$1,456,416	\$691,797	\$764,618
	237215 PIPELINES	Unit V-5 Pipeline	198,716	\$94,390	\$355,881	\$169,043	\$186,837
	227204 PIPELINES	Manchester P/L Rplc	124,055	\$62,027	\$226,041	\$113,021	\$113,021
	217202 PIPELINES	Rsf Rd Widening	56,020	\$29,411	\$104,559	\$54,894	\$49,666
	217203 PIPELINES	Rsf P/L Phase I	371,288	\$194,926	\$692,988	\$363,819	\$329,169
	217201 PIPELINES	Camino Del Norte P/L	82,681	\$43,407	\$154,319	\$81,017	\$73,301
	217618 PIPELINES	V-1 Pipeline	166,412	\$87,366	\$310,598	\$163,064	\$147,534
	720153 PIPELINES	Unit S Pipeline	1,321,525	\$825,953	\$2,675,089	\$1,671,930	\$1,003,158
	720141 PIPELINES	Pacific P/L - Valves	12,213	\$7,938	\$25,118	\$16,327	\$8,791
	720140 PIPELINES	Manchester Road '95	18,937	\$12,783	\$39,141	\$26,420	\$12,721
	720134 PIPELINES	#7A 24" Main	1,662,910	\$1,164,037	\$3,433,427	\$2,403,399	\$1,030,028
	720136 PIPELINES	#8/9 Main Ext 17/30	382,499	\$267,750	\$789,751	\$552,825	\$236,925
	720135 PIPELINES	93/94 Mains	75,248	\$52,674	\$155,366	\$108,756	\$46,610
	720131 PIPELINES	Stratford Estates	52,942	\$38,383	\$110,239	\$79,923	\$30,316
	720132 PIPELINES	Fortuna Stratford	1,438,498	\$1,042,911	\$2,995,349	\$2,171,628	\$823,721
	720133 PIPELINES	Mains (92-93)	17,107	\$12,403	\$35,622	\$25,826	\$9,796
	720128 PIPELINES	Elfin Forest Rd #6	4,720	\$3,540	\$10,030	\$7,522	\$2,507
	720130 PIPELINES	Mains 92	31,769	\$23,827	\$67,498	\$50,624	\$16,875
	720121 PIPELINES	Mains-Rsf Road	64,217	\$49,768	\$142,231	\$110,229	\$32,002
	720122 PIPELINES	Mains-Olivenhn Road	26,896	\$20,844	\$59,570	\$46,167	\$13,403
	720126 PIPELINES	Rsf Rd P/L-Resurface	51,969	\$40,276	\$115,104	\$89,205	\$25,898
	720123 PIPELINES	Main-Elfin Forest Rd	406,679	\$315,177	\$900,730	\$698,066	\$202,664
	720124 PIPELINES	Mains-Omwd Ext. 101A	73,842	\$57,228	\$163,548	\$126,750	\$36,798
	720125 PIPELINES	Mains (91)	24,284	\$18,820	\$53,785	\$41,684	\$12,102
	720127 PIPELINES	Del Dios Hwy Crossng	54,221	\$42,022	\$120,092	\$93,071	\$27,021
	720103 PIPELINES	#4 Rncho S.F. Road	683,590	\$546,872	\$1,538,182	\$1,230,546	\$307,636
	720105 PIPELINES	#14A Manchester Road	15,544	\$12,435	\$34,976	\$27,981	\$6,995

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
	720109 PIPELINES	#7C 24" Main	10,142	\$8,113	\$22,820	\$18,256	\$4,564
	720114 PIPELINES	#4 Rsf Rd P/L Over-	273,061	\$218,449	\$614,430	\$491,544	\$122,886
	720120 PIPELINES	#5A Olivenhain Road	122,992	\$98,393	\$276,750	\$221,400	\$55,350
	720104 PIPELINES	#6 Elfin Forest Road	249,476	\$199,581	\$561,360	\$449,088	\$112,272
	720110 PIPELINES	Unit R Pipeline	158,867	\$127,093	\$357,474	\$285,979	\$71,495
	720112 PIPELINES	89-90 Mains- General	20,183	\$16,147	\$45,415	\$36,332	\$9,083
	720116 PIPELINES	Unit Q P/L Ext.111	86,199	\$68,959	\$193,960	\$155,168	\$38,792
	720118 PIPELINES	Unit S Pipeline	25,883	\$20,706	\$58,240	\$46,592	\$11,648
	720115 PIPELINES	Unit P - P/L	11,476	\$9,180	\$25,822	\$20,657	\$5,164
	720117 PIPELINES	Del Dios Hiway Cross	145,701	\$116,561	\$327,850	\$262,280	\$65,570
	720098 PIPELINES	Bumann P/L Sta.	81,223	\$67,009	\$189,227	\$156,112	\$33,115
	720096 PIPELINES	Conn #3 Construction	152,000	\$125,400	\$354,120	\$292,149	\$61,971
	720097 PIPELINES	Unit R P/L	1,366,642	\$1,127,480	\$3,183,918	\$2,626,733	\$557,186
	720099 PIPELINES	Unit P P/L	146,391	\$120,772	\$341,052	\$281,368	\$59,684
	720092 PIPELINES	Repl Anode Bed 30"PI	66,221	\$56,287	\$154,783	\$131,565	\$23,217
	720094 PIPELINES	Part Ext. 115A	23,836	\$20,261	\$55,715	\$47,357	\$8,357
	720095 PIPELINES	Mains 1987-88	12,424	\$10,560	\$29,039	\$24,684	\$4,356
	720091 PIPELINES	Pressure Reducing St	37,014	\$32,387	\$91,205	\$79,805	\$11,401
	720086 PIPELINES	Major P/L Replace/Ad	66,466	\$59,819	\$164,435	\$147,991	\$16,443
	720088 PIPELINES	Mains / 1985/86	18,339	\$16,505	\$45,371	\$40,834	\$4,537
	720084 PIPELINES	Major P/L Additions	221,475	\$204,864	\$548,479	\$507,343	\$41,136
	720085 PIPELINES	Major P/L Additions	246,775	\$228,267	\$611,134	\$565,299	\$45,835
	720083 PIPELINES	Pressure Reducing St	34,362	\$31,785	\$85,097	\$78,715	\$6,382
	720078 PIPELINES	S D River X-Ing	120,342	\$117,333	\$320,554	\$312,540	\$8,014
	720013 PIPELINES	Unit "H"	310,287	\$194,447	\$1,892,112	\$1,185,724	\$706,389
	720002 PIPELINES	Unit "J"	85,352	\$54,626	\$569,945	\$364,765	\$205,180
	720003 PIPELINES	Harmony Grove	40,867	\$26,155	\$272,891	\$174,651	\$98,241
	720001 PIPELINES	Unit "G"	960,243	\$842,319	\$7,388,697	\$6,481,313	\$907,384
	720010 PIPELINES	Trans Main To N Area	55,618	\$37,820	\$474,517	\$322,672	\$151,846
	720009 PIPELINES	La Costa Off Site	58,206	\$40,356	\$568,516	\$394,171	\$174,345
	297856 PIPELINES-REC	LUSARDI CREEK EXT 153	333,537	\$25,015	\$371,412	\$27,856	\$343,556
	297857 PIPELINES-REC	EXT 153A - SURF CUP	737,362	\$55,302	\$821,091	\$61,582	\$759,510
	707220 PIPELINES-REC	WANDERING ROAD RECYCLED EXTENSION	213,720	\$26,715	\$247,738	\$30,967	\$216,771
	707222 PIPELINES-REC	AVENIDA LA POSTA	88,432	\$11,054	\$102,507	\$12,813	\$89,694
	707208 PIPELINES-REC	VP PL SECTION B - WIEGAND RESERVOIR	354,348	\$53,152	\$428,737	\$64,310	\$364,426
	707209 PIPELINES-REC	VP PIPELINE SECTION D - EASEMENT	1,362,153	\$204,323	\$1,648,111	\$247,217	\$1,400,895
	707210 PIPELINES-REC	VP PL SECTION E - MOUNTAIN VISTA	2,306,054	\$345,908	\$2,790,166	\$418,525	\$2,371,641
	707211 PIPELINES-REC	VP PL SECTION F - FLORA VISTA ELEMENTARY	914,842	\$137,226	\$1,106,896	\$166,034	\$940,861
	707212 PIPELINES-REC	VP PL SECTION G-VILLAGE PKWY/GLEN ARBOR	1,506,511	\$225,977	\$1,822,774	\$273,416	\$1,549,358
	707213 PIPELINES-REC	VP PL SECTION H - EAST MOUNTAIN VISTA	789,283	\$118,392	\$954,978	\$143,247	\$811,731
	707214 PIPELINES-REC	VP PL SECTION I - PARKDALE ELEMETARY	1,015,385	\$152,308	\$1,228,546	\$184,282	\$1,044,264
	707215 PIPELINES-REC	VP PL SECTION K - COUNTRYHAVEN	1,289,753	\$193,463	\$1,560,512	\$234,077	\$1,326,435
	707216 PIPELINES-REC	VP PL SECTION L - GOLF COURSE	845,749	\$126,862	\$1,023,298	\$153,495	\$869,803
	707217 PIPELINES-REC	VP PL SECTION M - SHADY TREE	132,196	\$19,829	\$159,948	\$23,992	\$135,956
	707218 PIPELINES-REC	RSF FARMS HOA RECYCLED EXTENSION	22,800	\$3,420	\$27,586	\$4,138	\$23,448
	727207 PIPELINES-REC	Ext 252 Mission Estancia	191,166	\$38,233	\$240,104	\$48,021	\$192,083

Appendix C: Water Pipeline Assets Valuation

Asset ID	Asset Class ID	Asset Description	Original Cost	Calculated LTD OC Depreciation	Replacement Cost	Calculated LTD RC Depreciation	Replacement Cost Less Depreciation
284304	PIPELINES-REC	Dist Office Irrig Lateral	65,992	\$18,148	\$88,560	\$24,354	\$64,206
727206	PIPELINES-REC	Campania Ave P/L Replacement	270,795	\$74,469	\$363,402	\$99,935	\$263,466
294303	PIPELINES-REC	Sd Recycled Connection #2	1,168,585	\$280,460	\$1,582,245	\$379,739	\$1,202,506
294301	PIPELINES-REC	Rancho Santa Fe Rd Rcyld P/L	463,370	\$120,476	\$639,267	\$166,209	\$473,057
294302	PIPELINES-REC	Nw Quadrant (Initial Const)	757,088	\$246,054	\$1,044,481	\$339,456	\$705,025
274301	PIPELINES-REC	Unit Rb-1 Pipeline - Sfv	79,954	\$23,986	\$121,796	\$36,539	\$85,257
274302	PIPELINES-REC	Unit Ra-2 Pipeline - Sfv	265,562	\$79,669	\$404,536	\$121,361	\$283,175
727202	PIPELINES-REC	Unit Ra-Bernardo Lks	183,484	\$58,715	\$289,579	\$92,665	\$196,913
727203	PIPELINES-REC	Unit Ra - 4S Ranch	341,383	\$109,243	\$538,779	\$172,409	\$366,370
727204	PIPELINES-REC	Alva Rd - 12" Rclmd	464,619	\$148,678	\$733,274	\$234,648	\$498,626
727205	PIPELINES-REC	Alva Rd 12" Rclmd PI	152,192	\$48,701	\$240,193	\$76,862	\$163,331
430501	PIPELINES-REC	Unit Ra-1	366,482	\$155,755	\$595,636	\$253,145	\$342,490
			244,823,552	89,709,734	423,469,752	201,386,136	222,083,616

APPENDIX D:
Engineering News-Record's Los Angeles -
City Construction Cost Index

Engineering News-Record City Cost Index (CCI), Los Angeles Area

Year	Construction Cost Average	CCI	Year	Construction Cost Average	CCI	Year	Construction Cost Average	CCI
1908	97	139.06	1946	346	38.9845	1984	5259.93	2.56442
1909	91	148.23	1947	413	32.6602	1985	5446.69	2.47649
1910	96	140.51	1948	461	29.2595	1986	5452.2	2.47398
1911	93	145.04	1949	477	28.2781	1987	5474.14	2.46407
1912	91	148.23	1950	510	26.4483	1988	5770.84	2.33738
1913	100	134.89	1951	543	24.841	1989	5789.77	2.32974
1914	89	151.56	1952	569	23.7059	1990	5994.55	2.25015
1915	93	145.04	1953	600	22.4811	1991	6090.12	2.21484
1916	130	103.76	1954	628	21.4787	1992	6348.55	2.12468
1917	181	74.52	1955	660	20.4373	1993	6477.84	2.08228
1918	189	71.37	1956	692	19.4923	1994	6532.95	2.06471
1919	198	68.12	1957	724	18.6307	1995	6526.22	2.06684
1920	251	53.74	1958	759	17.7716	1996	6558.44	2.05669
1921	202	66.78	1959	797	16.9243	1997	6663.55	2.02424
1922	174	77.52	1960	824	16.3697	1998	6851.95	1.96859
1923	214	63.03	1961	847	15.9252	1999	6825.97	1.97608
1924	215	62.74	1962	872	15.4686	2000	7068.04	1.9084
1925	207	65.16	1963	901	14.9708	2001	7226.92	1.86645
1926	208	64.85	1964	936	14.411	2002	7402.75	1.82211
1927	206	65.48	1965	971	13.8915	2003	7531.77	1.7909
1928	207	65.16	1966	1019	13.2371	2004	8192.14	1.64654
1929	207	65.16	1967	1074	12.5593	2005	8299.28	1.62528
1930	203	66.45	1968	1155	11.6785	2006	8546.72	1.57823
1931	181	74.52	1969	1269	10.6294	2007	8854.77	1.52332
1932	157	85.91	1970	1381	9.76731	2008	9265.94	1.45572
1933	170	79.35	1971	1581	8.53172	2009	9777.19	1.3796
1934	198	68.12	1972	1753	7.69461	2010	9962.19	1.35398
1935	196	68.82	1973	1895	7.11802	2011	10051.3	1.34198
1936	206	65.48	1974	2020	6.67755	2012	10299.55	1.30963
1937	235	57.40	1975	2212	6.09794	2013	10304.68	1.30898
1938	236	57.16	1976	2401	5.61793	2014	10739.43	1.25599
1939	236	57.16	1977	2576	5.23628	2015	10981.02	1.22836
1940	242	55.74	1978	3421.25	3.94261	2016	11148.28	1.20993
1941	258	52.28	1979	3638.81	3.70688	2017	11636.49	1.15917
1942	276	48.87	1980	4102.37	3.28801	2018	11940.25	1.12968
1943	290	46.51	1981	4530.96	2.977	2019	12113.16	1.11355
1944	299	45.11	1982	4934.14	2.73374	2020	12055.68	1.11886
1945	308	43.79	1983	5063.89	2.66369	2021	13029.04	1.03528
						2022	13488.65	1

Memo

Date: July 17, 2024
To: Olivenhain Municipal Water District Board of Directors
From: Joe Jansen, Administrative Analyst
Via: Kimberly A. Thorner, General Manager
Subject: **CONSIDER INFORMATIONAL REPORT ON WATER SUPPLY CONDITIONS AND
LONG-TERM WATER USE EFFICIENCY LEGISLATION**

Purpose

The purpose of this agenda item is to provide the board with updates on water supply conditions, OMWD's customer notification and enforcement activities, and water use legislation affecting OMWD customers.

Recommendation

This is an informational item; no action is required.

Alternative(s)

Not applicable; informational item only.

Background

Since June 2015, staff presents at the board's request a quarterly report on statewide water supply conditions, recent and near-term events pertaining to drought, and/or a summary of activity taken by staff.

Fiscal Impact

There are no costs directly associated with this informational report.

Discussion

Staff will review the attached presentation with the board at the July 17 meeting and further discuss water supply related developments.

Attachments: PowerPoint presentation

WATER SUPPLY AND LONG-TERM WATER USE EFFICIENCY LEGISLATION

July 17, 2024



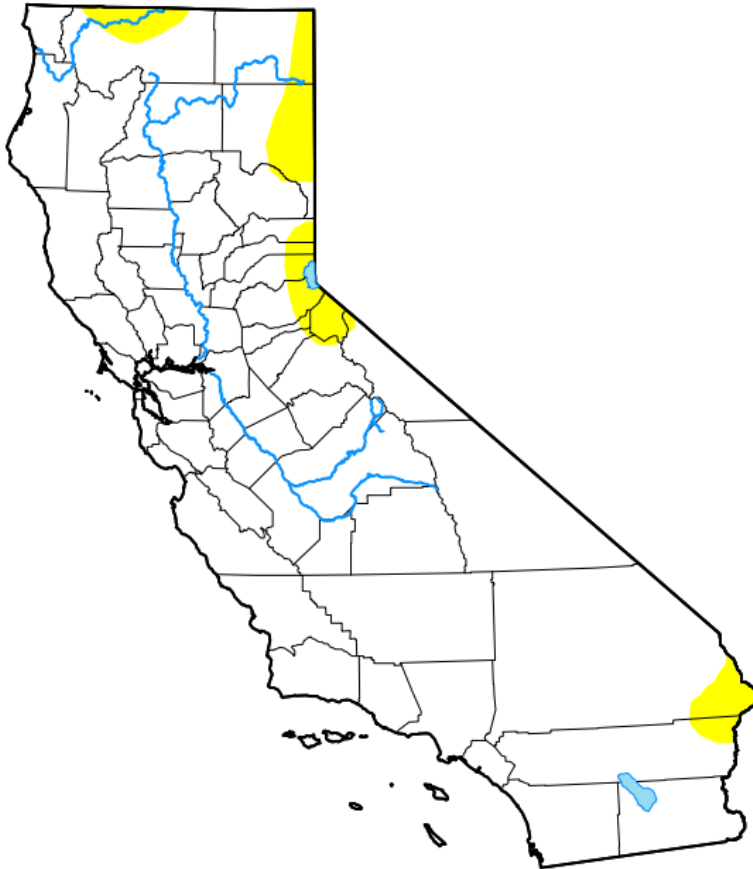
Water Supply Conditions

U.S. Drought Monitor California

July 2, 2024

(Released Wednesday, Jul. 3, 2024)

Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	94.25	5.75	0.00	0.00	0.00	0.00
Last Week 06-25-2024	97.18	2.82	0.00	0.00	0.00	0.00
3 Months Ago 04-02-2024	95.46	4.54	0.00	0.00	0.00	0.00
Start of Calendar Year 01-02-2024	96.65	3.35	0.00	0.00	0.00	0.00
Start of Water Year 09-26-2023	94.01	5.99	0.07	0.00	0.00	0.00
One Year Ago 07-04-2023	71.95	28.05	4.63	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Adam Hartman
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

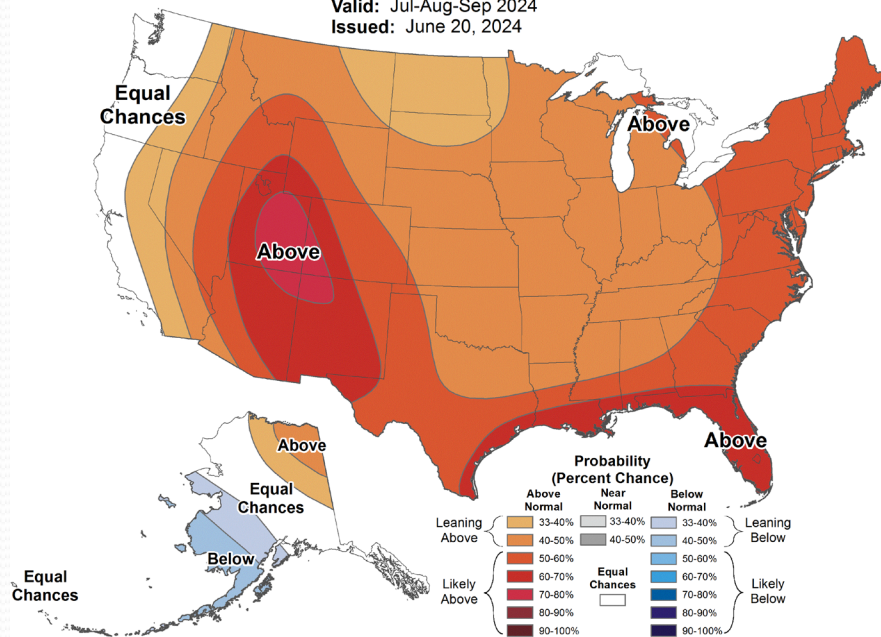
National Weather Service Outlook

July 2024 – September 2024



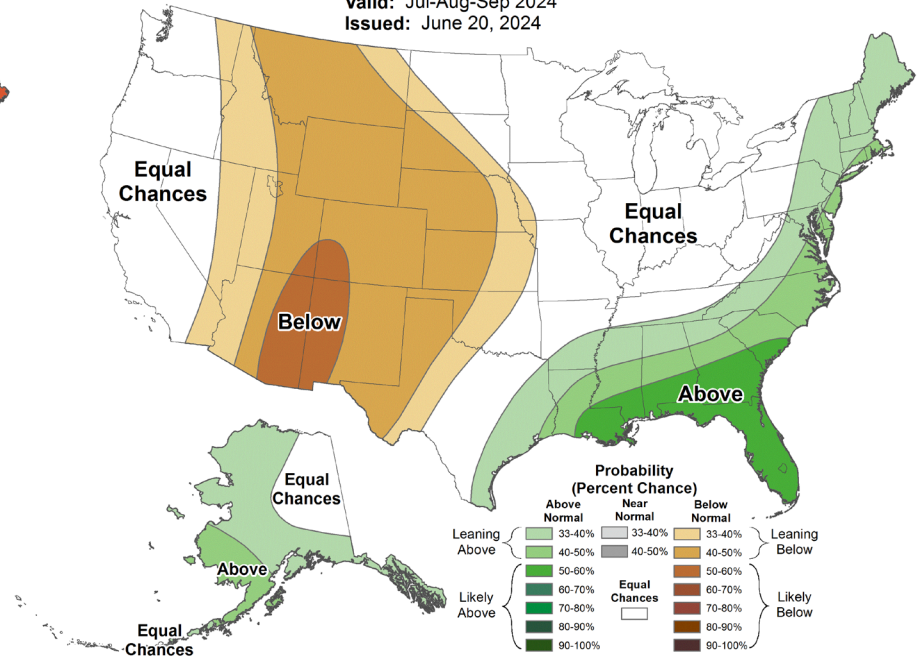
Seasonal Temperature Outlook

Valid: Jul-Aug-Sep 2024
Issued: June 20, 2024

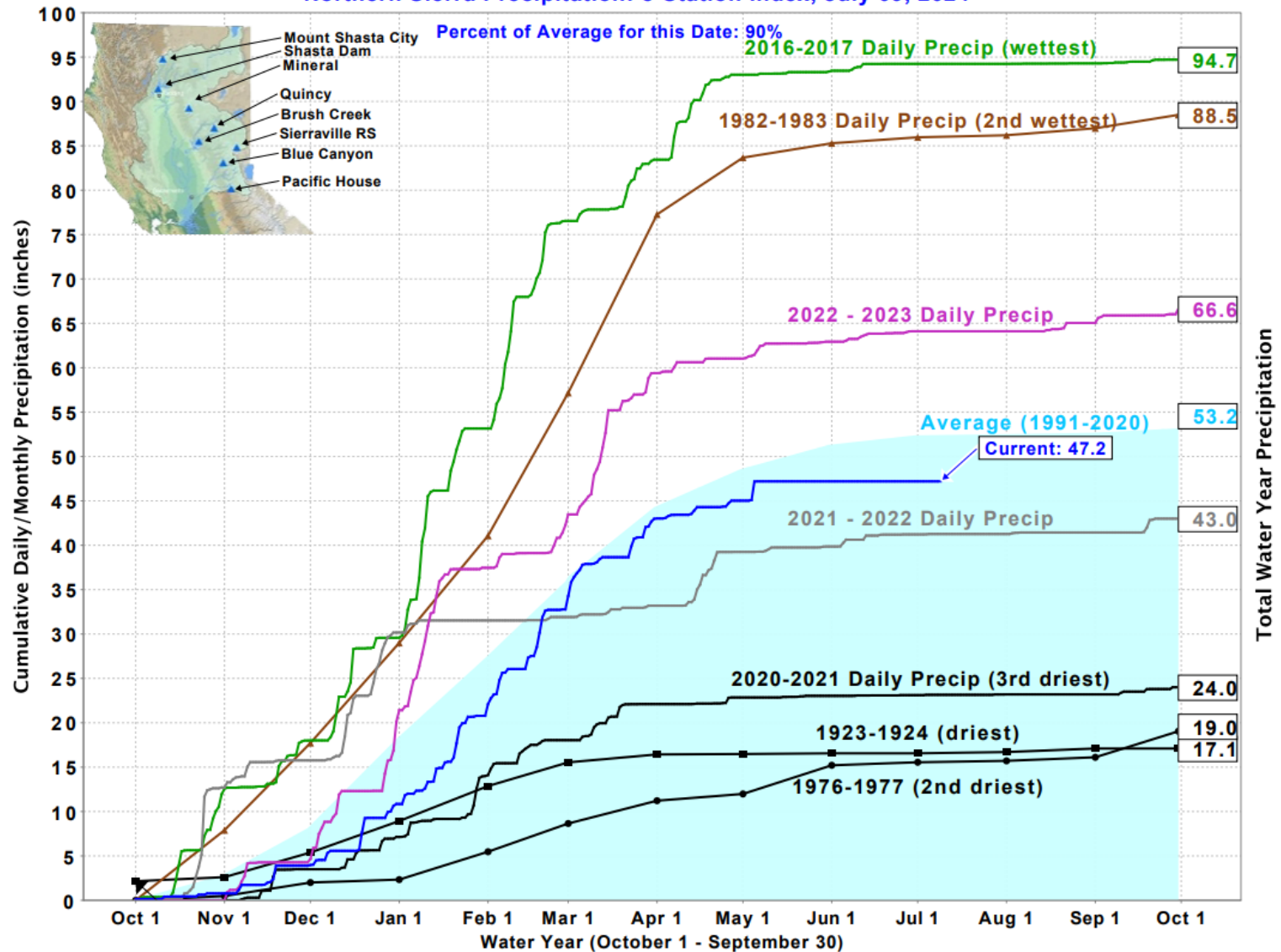


Seasonal Precipitation Outlook

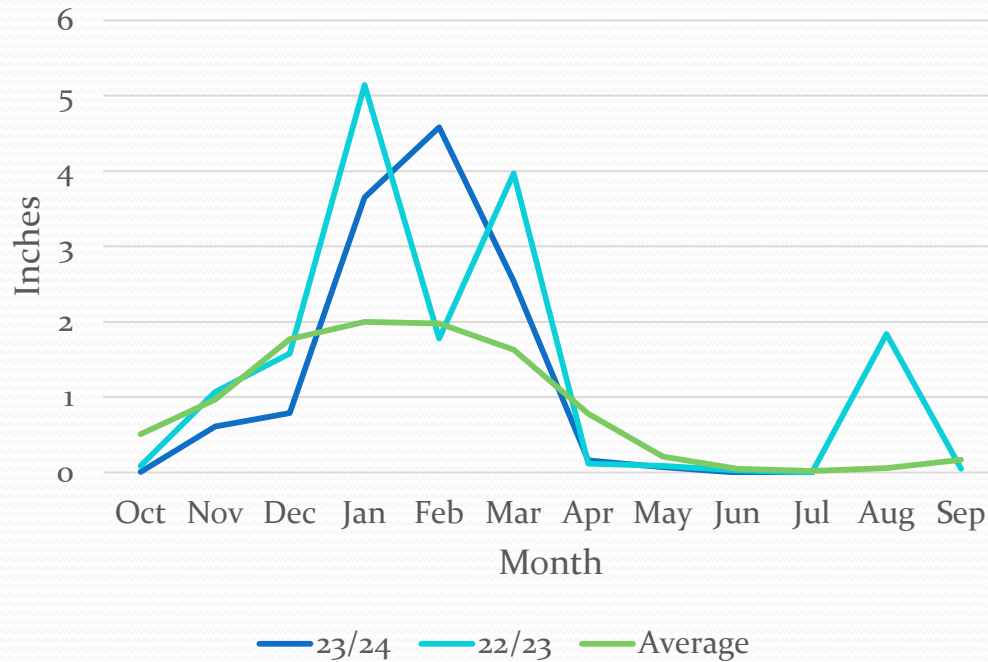
Valid: Jul-Aug-Sep 2024
Issued: June 20, 2024



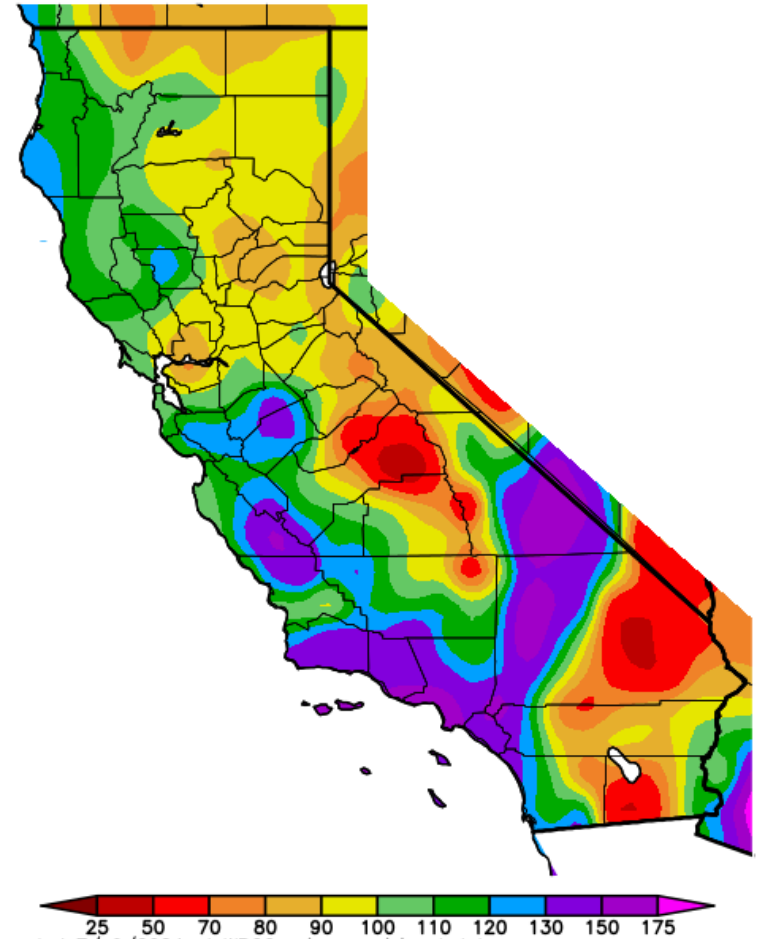
Northern Sierra Precipitation: 8-Station Index, July 09, 2024



San Diego Rainfall



Percent of Average Precipitation (%) 10/1/2023 – 7/8/2024



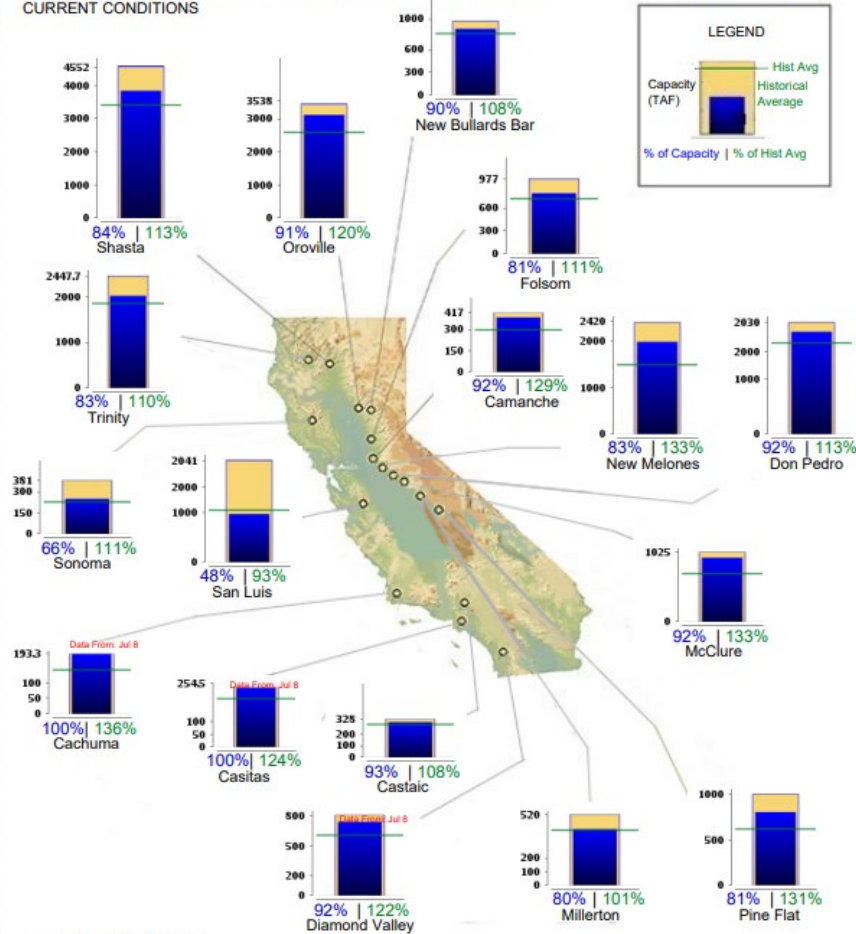
Generated 7/ 9/2024 at WRCC using provisional data.
NOAA Regional Climate Centers



CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - July 9, 2024



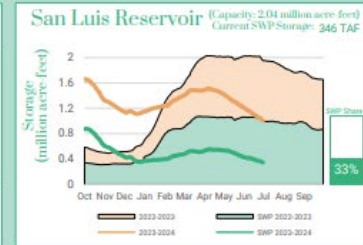
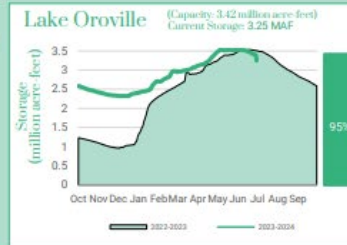
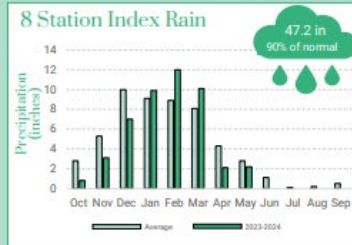
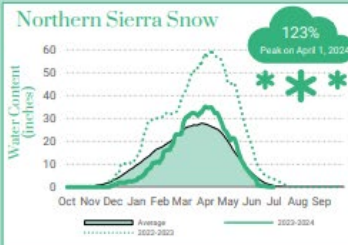
**Oroville up from 89% in April*



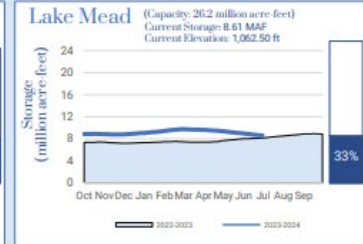
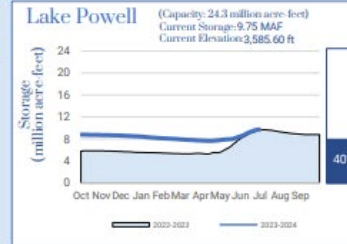
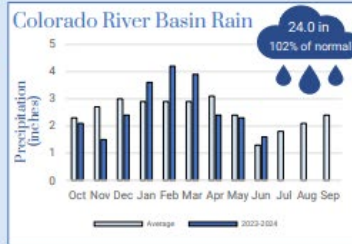
The Metropolitan Water District of Southern California's Water Supply Conditions Report (WSCR)

Water Year 2023-2024
As of: 06/30/2024

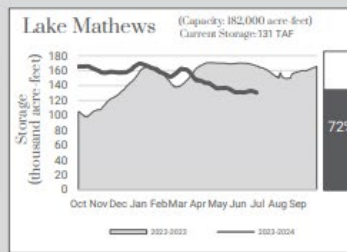
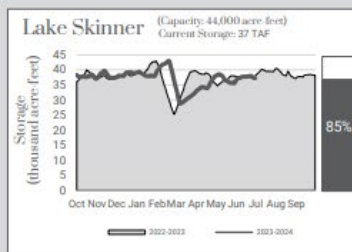
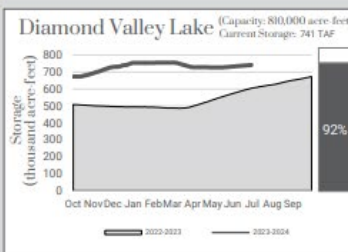
State Water Project



Colorado River



Metropolitan



Additional Info:

The California Department of Water Resources has updated the Oroville capacity curve. The maximum capacity is now 3,424,753 acre-feet. More info: <https://water.ca.gov/News/Blog/2024/June-24/Climate-Readiness-Using-Advanced-Lasers-and-Sonar-to-Determine-if-Lake-Oroville-Has-Lost-Capacity>

This report is produced by the Imported Supply Unit staff and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information.

<https://www.mwdh2o.com/WSCR>

**Mead down from 37%, Powell up from 32%*

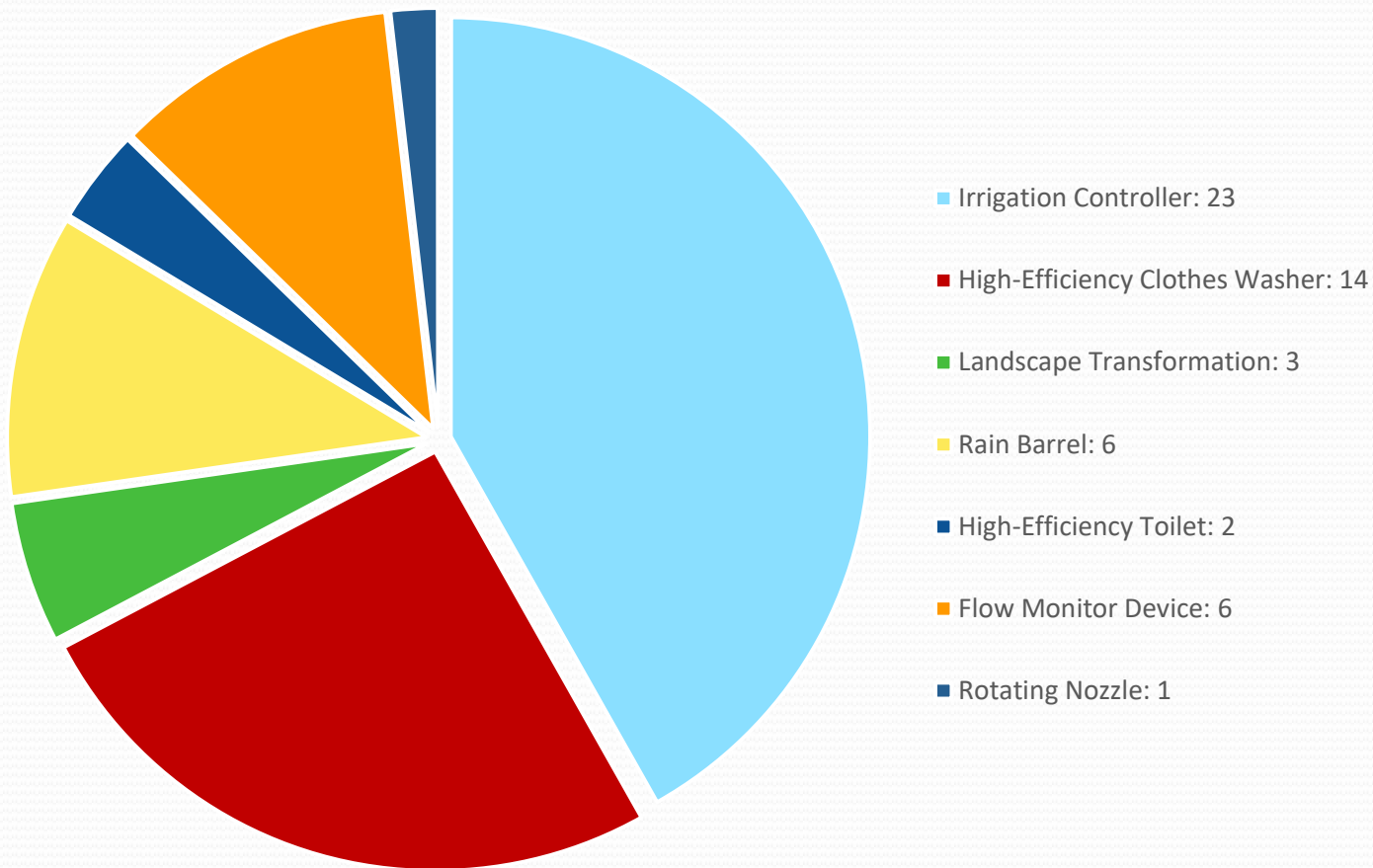
OMWD Activity

Restrictions Enforcement

	Reports	Actions	Fines
November '22	0	0	0
December '22	1	1	0
January '23	0	0	0
February '23	1	1	0
March '23	0	0	0
April '23	0	0	0
May '23	2	2	0
June '23	0	0	0
July '23	1	1	0
August '23	5	5	0
September '23	5	5	0
October '23	5	5	0
November '23	2	2	0
December '23	0	0	0
January '24	0	0	0
February '24	5	5	0
March '24	2	2	0
April '24	0	0	0
May '24	2	2	0
June '24	1	1	0
Totals	32	32	0

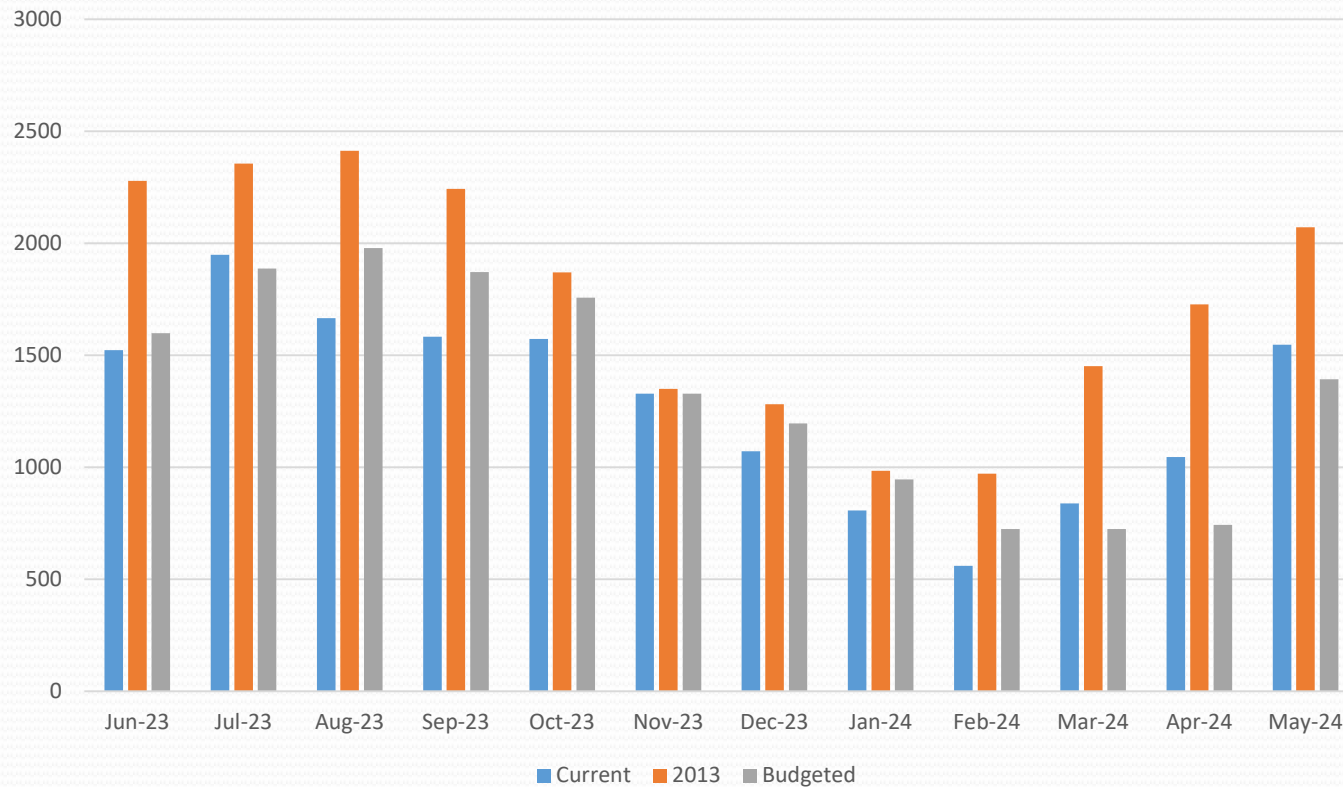


April - June Rebate Application Activity



Figures are based on applications received

Potable Monthly Demand



Water Consumption Compared to 2013

Jun-23	-35%
Jul-23	-18%
Aug-23	-32%
Sep-23	-29%
Oct-23	-16%
Nov-23	-2%
Dec-23	-16%
Jan-24	-18%
Feb-24	-42%
Mar-24	-42%
Apr-24	-39%
May-24	-25%

Legislation & Regulations

Legislative and Regulatory Update

- Making Conservation a California Way of Life
 - Regulations
 - Attended SWRCB workshop in April
 - Met with SWRCB Chair Esquivel in May
 - Updated regulations released May 20
 - Comment letter submitted
 - Updated regulations released June 14
 - Comment letter submitted
 - Final regulations expected to be released in July
 - Customer outreach
 - Featured in May eBlast
 - Featured in June Watching Water newsletter
- SB1255 Update
- SB366 Update

Recent Updates



Water Boards

STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

**Save
Our
Water**



Memo

Date: July 17, 2024

To: Olivenhain Municipal Water District Board of Directors

From: Steven Weddle, Engineering Services Supervisor

Via: Kimberly A. Thorner, General Manager

Subject: **CONSIDER APPROVAL OF CONSTRUCTION CHANGE ORDERS 7 AND 8 WITH ORION CONSTRUCTION CORPORATION FOR THE COMBINED AMOUNT OF \$225,795 FOR THE 4S RANCH NEIGHBORHOOD 1 SEWER PUMP STATION REPLACEMENT PROJECT, APPROPRIATE AN ADDITIONAL \$250,000 TO THE PROJECT, AND AUTHORIZE THE GENERAL MANAGER TO SIGN ON BEHALF OF OMWD**

Purpose

The purpose of this agenda item is to consider approval of Construction Change Orders (CCO) 7 and 8 for the 4S Ranch Neighborhood 1 Sewer Pump Station Replacement Project (Project) with Orion Construction Corporation (Orion) in the combined amount of \$225,795, and authorize the General Manager to sign on behalf of Olivenhain Municipal Water District (OMWD). Staff requests an additional \$250,000 be appropriated to the Project.

Recommendation

Staff recommends approval of the CCOs and authorization for the General Manager to sign on behalf of OMWD. Staff recommends approval of an additional appropriation of \$250,000 to the Project as it is necessary to complete this critical work for this important sewer service reliability project.

Alternative(s)

The Board could elect to not approve the change orders and direct staff to re-negotiate, table the item for further closed session discussion, or otherwise proceed in a manner directed by the Board.

Background

The 4S Ranch Neighborhood 1 Sewer Pump Station (NBHD1 SPS) is located at the south end of 4S Ranch Parkway near the 4S Ranch Sports Park/Boys & Girls Club of Greater San Diego and Stone Ranch Elementary School in Director Division 4 (Hahn). The facility was constructed in 2000 by 4S Kelwood and dedicated to OMWD in 2002 as a part of the 4S Ranch Water Reclamation Facility (4S WRF) expansion. The NBHD1 SPS collects tributary flows from customers in the south end of the 4S Ranch development, including Black Mountain Ranch East Clusters, Heritage Bluffs, and the Avion developments. NBHD1 SPS pumps the effluent up 4S Ranch Parkway and over to the 4S Water Reclamation Facility on Dove Canyon Road through sewer force mains. The pump station consists of two (2) pumps: one (1) submersible pump in a wet well and one (1) centrifuge pump located in an above-ground, previously unconditioned structure along with the electrical equipment.

Following a successful bid in Fall of 2021, the Board awarded the contract to Orion in February 2022 for \$6,123,000 to begin work on replacement of this critical asset.

Fiscal Impact

The Project (CIP D700004) does not have sufficient budget available for Fiscal Year (FY) 25 to accommodate CCOs 7 and 8, and an additional \$250,000 will need to be added to the overall Project budget and appropriated to the Project in FY 25 to complete the work.

To maintain the same FY appropriations for wastewater, staff is requesting that the Board transfer \$250,000 in FY 25 from the 4SWRF Headworks Screen System Improvements (Headworks) Project to the Neighborhood 1 SPS Rehab Project, as the Headworks Project has been slightly delayed. The 10-year CIP budget will not be impacted, as staff will identify other wastewater projects to be evaluated as part of a mid-term budget review in April 2025, such as a budget reduction from the anticipated savings from the Del Dios Structural Improvements.

Is this a Multi Fiscal Year Project? **Yes**

In which FY did this capital project first appear in the CIP budget? **FY 2014**

Total Project Budget: **\$8,132,000**

Current Fiscal Year Appropriation: **\$1,903,000 (per approved budget)**

To Date Approved Appropriations: **\$8,132,000**

Target Project Completion Date: **September 2024**

Expenditures and Encumbrances as of (June 20, 2024): **\$8,034,342**

Is this change order within the appropriation of this fiscal year? **No**

If this change order is outside of the appropriation, Source of Fund: **Wastewater
Capital Reserves – 4SWRF Headworks Screen System Improvements Project**

Discussion

Following award in February 2022, the Project was delayed by supply chain materials procurement issues on large electrical equipment. In accordance with Administrative and Ethics Code Section 6.8C, CCO 1, a no-cost time extension was signed by the General Manager in August 2022 to account for that delay and extend the contract completion date to September 20, 2023. The Project then broke ground in October of 2022, where Orion unexpectedly encountered excessive groundwater.

CCO 2 was approved by the Board in February 2023, in the amount of \$141,650, and extended the contract completion to November 2023. The work completed under CCO 2 largely accounted for excess dewatering and unsuitable, oversaturated soils encountered onsite through mid-January 2023.

Following the Board action in February 2023 on CCO 2, construction progressed where additional unsuitable, oversaturated soils were encountered, excess dewatering continued, and additional unforeseen conditions were encountered requiring modifications to the scope of work. This accounted for CCO 3 and CCO 4 approved by

the Board in May 2023, in the combined amount of \$223,344. Construction continued to progress where more unfavorable soils conditions were encountered. Excess dewatering continued, primarily related to the dry pit – the largest excavation onsite. CCO 5 was approved by the Board in November 2023, to account for these changed conditions.

CCO 6, approved by the Board in February 2024, accounted for additional imported fill for the dry pit excavation, backfilling and replacement of the unsuitable saturated onsite soils due to the infiltration water. In addition, changes in electrical equipment and conduit placement were accounted for to accommodate the new pump station alignment and meet SDG&E requirements for service.

Proposed CCO 7 accounts for several miscellaneous items that were identified during construction requiring modifications and changes to the contract work. The primary change is the rehabilitation of the existing surge tank, which was required to repair and re-certify the vessel for use on the new pump station, in accordance with applicable regulations. Additionally, OMWD staff negotiated a deductive change to delete some planned concrete work deemed unduly burdensome with existing site conditions and minimally beneficial.

Proposed CCO 8 accounts for an unforeseen condition found in the wet well once bypass operations had begun. The existing wet well was planned to be reused and modified with the new piping connections and associated work in the contract documents. However, once the well was drained, the existing PVC welded lining system was found to be in very poor condition, and requires immediate replacement as it is not conducive for repair. Although this is a significant amount of work and cost, it is critical to replace now to ensure reliability and avoid future pump station failures. If left in its existing condition, there is a high probability of catastrophic failure and potential pump damage caused by failing coating systems degrading and being pulled into the pumps. Additionally, as this work must be done under bypass operations, it would be extremely expensive to postpone and then re-mobilize bypass to repair later.

Estimates of remobilization and new station bypass to address after the project are approximately \$400,000, nearly double the cost to address now under the current contract.

The following table gives a breakdown of the individual tasks and proposed change orders that comprise CCO 7 and CCO 8. Proposed Change Orders (PCO) are reviewed individually and then typically bundled into a larger CCO for OMWD consideration.

Proposed Change Order # (PCO) and Description	Associated CCO	Date	Initiated by	Value	Time (Consecutive Calendar Days)	Caused by Excessive Infiltration Water
PCO# 4 (Door Hardware)	No.7	May 2024	District	\$2,668.00	0	N/A
PCO# 18 (Surge Tank)	No.7	May 2024	Orion	\$28,060.00	0	N/A
PCO# 22 (Bridge Crane stops)	No.7	March 2024	Orion	\$1,437.50	0	N/A
PCO# 23 (Crane Rental for pump change)	No.7	March 2024	District	\$644.12	0	N/A
PCO #24 (Electrical Pull-Box modifications)	No.7	April 2024	District	\$2,273.35	0	N/A
PCO #25 (Intrusion Alarm additions)	No.7	March 2024	District	\$2,732.71	0	N/A
PCO #28 (Brow Ditch modifications deletion)	No.7	March 2024	District	-\$11,270.00	0	N/A
PCO #26 (SDGE Connection testing)	No.7	May 2024	District	\$414.00	0	N/A
Rain delay days	No.7	Feb. 2024	Orion	N/A	7	N/A
PCO #29 (Wet Well Liner modifications)	No.8	June 2024	District	\$198,835.20	14	N/A
Proposed PCO Total	--	--	--	\$225,794.88	21	--

A summary of the contract and change orders to date is presented in the following table. If approved, the approximate cumulative change order value through CCO 7 and 8 amounts to 11% of the total construction contract and the new completion date will be September 20, 2024. Approximately 52% of approved and proposed change orders to date are affiliated with the excess infiltration water conditions present on site.

Authorization	Date	Authorized by	Value	Time (Consecutive Calendar Days)
Original Contract	Feb. 16, 2022	Board	\$6,123,000	300
Issued Notice to Proceed	April 20, 2022	--	--	--
CCO No. 1	Aug. 3, 2022	General Manager	\$0	218
CCO No. 2	Feb. 15, 2023	Board Approved	\$141,650	68
CCO No. 3	May 17, 2023	Board Approved	\$44,325	41
CCO No. 4	May 17, 2023	Board Approved	\$179,019	58
CCO No. 5	Nov. 15, 2023	Board Approved	\$106,763	0
CCO No. 6	Feb. 21, 2024	Board Approved	\$72,071	178
Proposed CCO No. 7	July 17, 2024	Pending Board Approval	\$26,960	7
Proposed CCO No. 8	July 17, 2024	Pending Board Approval	\$198,835	14
Total Previous Approved CCOs	--	Board/ General Manager	\$543,828	563
Total Proposed CCOs	--	Pending Board	\$225,795	21
Total CCOs to Date (If Approved)	--	Pending Board	\$769,623	584
New Contract Value (if approved)	--	--	\$6,892,623	884

Staff recommends approval of CCO 7 and 8 to Orion in the combined amount of \$225,795 to account for changed work to date, including surge tank rehabilitation and recertification, wet well liner replacement, and miscellaneous changes in work necessary to complete this critical wastewater project.

Staff is available to answer any questions.

Attachments:

Slides

Location Map

CCO 7

CCO 8

Neighborhood 1 Sewer Pump Station Replacement Project CCO 8 - Wet Well

OMWD Board Meeting, July 18, 2024





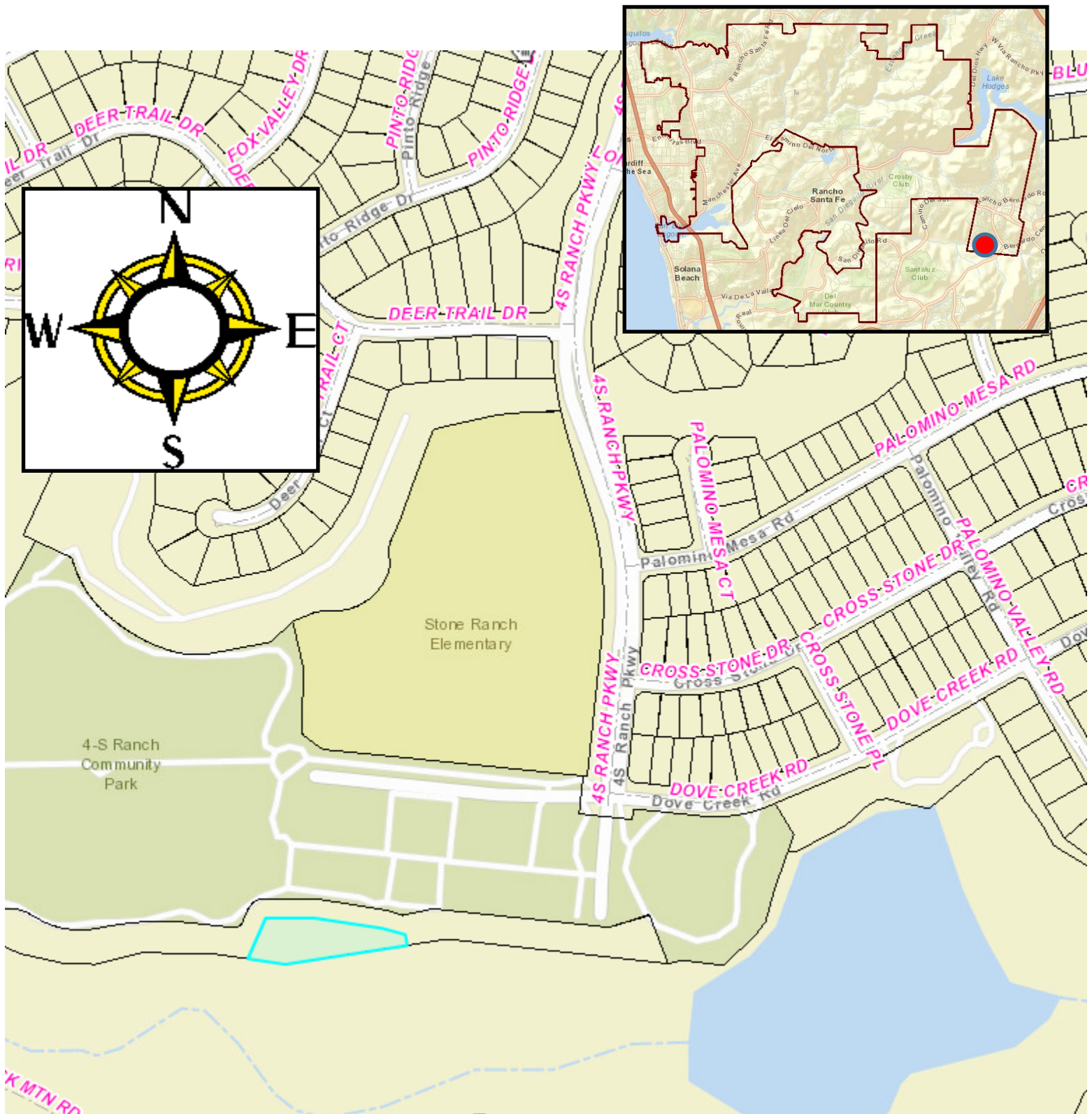












4S RANCH NEIGHBORHOOD 1 SEWER PUMP STATION REPLACEMENT PROJECT

DISTRICT PROJECT NO. D700004

CONTRACT CHANGE ORDER

Owner: **OLIVENHAIN MUNICIPAL WATER DISTRICT** OMWD File No. D-700004
Project: 4S Ranch Neighborhood 1 Sewer Pump Station
Replacement Project
Contractor: Orion Construction Corporation

CONTRACT CHANGE ORDER NO. 07

Date 6/17/24

The Contractor is hereby authorized and directed to make the herein described changes from the Plans and Specifications or do the following work not included in the Plans and Specifications for the construction of this project. Payment to the contractor for these change order items shall provide full compensation for all equipment, materials, labor, field and home office overhead, indirect and consequential costs, mark-ups, and profit necessary to complete the work. By executing this contract change order, the contractor agrees to proceed with this work as a change order per the contract documents and waives any rights to additional compensation arising out of work listed in this change order, including without limitation, any claims relating to any cumulative effect of change orders, delays, productivity impact or interruption.

DESCRIPTION OF CHANGE

1. On 5/23/22 RFI #5 asked the district about the door hardware, after 3 clarifications the door hardware changed from the contract documents. In change order # 4 the cost for the changes was paid. During the clarification process prices for the equipment change. We didn't have the back up at the time of Change order #4. This is the cost for the price escalation \$2,668.00 and Zero (0) calendar days are added for this work. See PCO #4 for details.
2. The approved Project plans called for the re-use of the existing onsite surge tank. To comply with applicable laws and regulations, it was determined that the tank would have to be rehabilitated and re-certified so it could be re-registered as a pressure vessel appropriate for the application; RFI #4 was issued on 5/20/24 for clarification. The cost of this additional work to rehabilitate the existing vessel is \$28,060.00. Zero (0) calendar days are added for this work. See PCO #18 for details.
3. On 3/4/24 RFI #75 recommended relocating the bridge crane stops to avoid an unforeseen clearance conflict with the FRP duct bank, as indicated by the Design Engineer. The cost of this work is \$1,437.50. Zero (0) calendar days are added for this work. See PCO #22 for details.
4. On 3/13/24 the District required the assistance of the contractor's crane to remove an existing pump that required immediate repair. The cost of this work is \$644.12. Zero (0) calendar days are added for this work. See PCO #23 for details.
5. On 4/16/24 RFI #81 noted that there was an existing electrical pull box in the swale that surrounds the station that would encounter water intrusion. The pull box was relocated to be outside of the swale to avoid conflict. The cost of this work is \$2,273.35. Zero (0) calendar days are added for this work. See PCO #24 for details.
6. On 3/27/24 RFI #77 noted that there were no intrusion switches on the hatch to the dry pit. The District requested they be installed on the dry pit. The cost of this work is \$2,732.71. Zero (0) calendar days are added for this work. See PCO #25 for details.
7. On 3/18/24 RFI #76 noted contractor concerns over drilling reinforcing steel into the existing brow ditch as it has no structural value to install an extension to the ditch. The District confirmed it didn't want to proceed with this work. The cost of this work is (\$11,270.00 Credit). Zero (0) calendar days are added for this work. See PCO #28 for details.
8. While reviewing Submittal #89 Acceptance Testing it was identified that de-energizing testing by MTA wasn't included in the specification on energizing. This is the cost to test the power coming into the station after SDGE de-energized for the safety of the workers. The cost of this work is \$414.00. Zero (0) calendar days were added for this work. See PCO #26 for details.

9. Added rain days for 2/1/24, 2/2/24 and 2/5/24 through 2/9/24 Seven (7) days added to the contract at no additional cost.

Original Contract Amount: \$6,123,000.00
Total Previous Change Orders (Through CCO #6): \$543,828.29
Total This Change Order: \$26,959.68
Revised Contract Amount: \$6,693,797.97
Original Contract Duration: 300 Calendar Days
Original Contract Completion Date: February 14, 2023
Total Calendar Days Added from Previous Change Orders (Through CCO #6): 563 Calendar Days
Total Calendar Days Added This Change Order: 7 Calendar Days
Revised Contract Duration: 870 Calendar Days
Revised Contract Completion Date: September 6, 2024
TOTAL COST for this CHANGE ORDER is Twenty-Six Thousand Nine Hundred Fifty-Nine Dollars and Sixty-Eight Cent INCREASE.

It is agreed that 7 consecutive calendar day(s) extension of time will be allowed by reason of this change. The latest completion date is August 30, 2024 and the revised completion date is September 6, 2024 (including weather delays).

Prepared by Construction Manager

Paul Mochel

Paul Mochel, Valley Construction Management

Accepted by CONTRACTOR

By: Mark B. Williams, V.P.

Date: 06/17/24

Approved by OWNER

By: _____

Date: _____

NOTE: Attention is called to the sections in the General Provisions on Scope of Work and Estimates and Payments. THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY OWNER.

Distribution:

☐ Owner

☐ Contractor

☐ Engineer

☐ Finance

CONTRACT CHANGE ORDER

Owner: **OLIVENHAIN MUNICIPAL WATER DISTRICT**

OMWD File No. D-700004

Project: 4S Ranch Neighborhood 1 Sewer Pump Station
Replacement Project

Contractor: Orion Construction Corporation

CONTRACT CHANGE ORDER NO. 08

Date 6/19/24

The Contractor is hereby authorized and directed to make the herein described changes from the Plans and Specifications or do the following work not included in the Plans and Specifications for the construction of this project. Payment to the contractor for these change order items shall provide full compensation for all equipment, materials, labor, field and home office overhead, indirect and consequential costs, mark-ups, and profit necessary to complete the work. By executing this contract change order, the contractor agrees to proceed with this work as a change order per the contract documents and waives any rights to additional compensation arising out of work listed in this change order, including without limitation, any claims relating to any cumulative effect of change orders, delays, productivity impact or interruption.

DESCRIPTION OF CHANGE

1. The contract documents planned for the existing wet wall coating to be repaired using a two-component, 100% polyurethane coating after completion of the required contract work as necessary, or where new work was to occur. However, the existing wet wall coating, comprised of welded PVC sheets (T-lock), was found to be in extremely poor condition with several areas having failed and delaminated from the existing concrete wall. The failed existing T-lock coating system requires complete removal and replacement to ensure the integrity of the wet well and ensure pump station operation and reliability. The cost of this work is \$198,835.20. Fourteen (14) calendar days are added for this work. See PCO #29 for details.

Original Contract Amount: \$6,123,000.00

Total Previous Change Orders (Through CCO #7): \$570,787.97

Total This Change Order: \$198,835.20

Revised Contract Amount: \$6,892,623.17

Original Contract Duration: 300 Calendar Days

Original Contract Completion Date: February 14, 2023

Total Calendar Days Added from Previous Change Orders (Through CCO #7): 570 Calendar Days

Total Calendar Days Added This Change Order: 14 Calendar Days

Revised Contract Duration: 884 Calendar Days

Revised Contract Completion Date: September 20, 2024

TOTAL COST for this CHANGE ORDER is One-Hundred Ninety-Eight Thousand Eight-Hundred Thirty-Five Dollars and Twenty Cent INCREASE.

It is agreed that 14 consecutive calendar day(s) extension of time will be allowed by reason of this change. The latest completion date is September 6, 2024, and the revised completion date is September 20, 2024 (including weather delays).

Prepared by Construction Manager

Paul Mochel

Paul Mochel, Valley Construction Management

Accepted by CONTRACTOR

Approved by OWNER

By: Paul M. Mochel, V.P.

By: _____

Date:

06/20/24

Date:

NOTE: Attention is called to the sections in the General Provisions on Scope of Work and Estimates and Payments. THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY OWNER.

Distribution:

☐ Owner

☐ Contractor

☐ Engineer

☐ Finance

Memo

A

To: Olivenhain Municipal Water District Board of Directors

Subject: INFORMATIONAL REPORTS
PRESIDENT

Any report will be oral at the time of the Board meeting.

Memo

B

To: Olivenhain Municipal Water District Board of Directors

Subject: INFORMATIONAL REPORTS
GENERAL MANAGER

Any written report will be attached; any oral report will be provided at the time of the Board Meeting.

July 17, 2024

Board of Directors
Olivenhain Municipal Water District
1966 Olivenhain Road
Encinitas, CA 92024

The following are brief highlights of the District's departmental operations for the month of
June 2024:

Operations & Maintenance	June 2024	May 2024
David C. McCollom Water Treatment Plant (DCMWTP) Total Production	550.6 million gallons	562.4 million gallons
DCMWTP Average Daily Production	18.4 million gallons	18.1 million gallons
DCMWTP Peak Day Production	26.2 million gallons	24.8 million gallons
Source Water Blend (% State Project Water)	17%	21%
Total Deliveries to Vallecitos Water District	271.16 acre feet 88.36 million gallons	273.50 acre feet 89.12 million gallons
4S and Rancho Cielo Sewer Systems Total Inflow	36.33 million gallons	38.15 million gallons
4S and Rancho Cielo Sewer Systems Average Daily Inflow	1,211,268 gallons	1,230,642 gallons
4S and Rancho Cielo Sewer Systems Peak Day Inflow	1,280,288 gallons	1,335,059 gallons
4S and Rancho Cielo Sewer Systems Low Day Inflow	1,161,038 gallons	1,174,064 gallons
4S Water Reclamation Facility (4SWRF) Average Daily Production	1,042,518 gallons	947,631 gallons
4SWRF Peak Day Production	2,494,690 gallons	1,320,296 gallons
4SWRF Total to Recycled Water Distribution System	31.28 million gallons	29.37 million gallons
4S Recycled Water Storage Pond Volume	98 acre feet	202 acre feet
Repaired Potable Water Main Leak(s)	0	0
Repaired Potable Water Service Lateral Assembly Leak(s)	1	2
Repaired Recycled Water Main Leak(s)	0	0
Repaired Recycled Water Service Lateral Leak(s)	0	0
Repaired Hit Fire Hydrant Lateral Assembly Leak(s)	1	2
Replaced Valve(s) Monthly Total	4	3
Replaced Valve(s) Calendar Year to Date	10	6
Recycled Water Use Site Inspections & Visits	9	18
Recycled Water Use Site Cross Connection Tests	1	3
Cross Connection Site Surveys	5	1
Backflow Inspections & Testing (New)	4	2
IT Help Requests	22	15
Customer Services	June 2024	May 2024
Customer Calls and Inquiries	1,752	1,834
Total Monthly Bills Issued	22,968	22,996
Service Orders	492	789
New Potable Meters	1	1
New Fire Meters	0	0
New Recycled Water Meters	1	1

Advanced Metering Infrastructure (AMI) Troubleshooting Investigations	83	96
Customer Services - Continued	June2024	May 2024
Automated Meter Reading (AMR) Troubleshooting	29	33
Stopped/Underperforming Meters Replaced	74	67
Meter Transceiver Units (MXU) Upgraded to AMI	0	187
Meter Accuracy Tests Performed	0	27
Water Use Evaluations	10	10
Water Use Violation Reports	1	2
Workshops, Events, and Tours	0	0
High-Efficiency Clothes Washer Rebate Applications	8	4
Weather-Based Irrigation Controller Rebate Applications	9	12
Hose Irrigation Controller Rebate Applications	0	0
High-Efficiency Rotating Nozzle Rebate Applications	1	0
High-Efficiency Toilet Rebate Applications	0	0
Rain Barrel Rebate Applications	1	2
Flow Monitor Device Rebate Applications	3	2
Turf Removal Project Rebate Applications	2	3
Social Media Posts	25	20
News Releases/Media Advisories	3	4
EFRR	June 2024	May 2024
Special Use/Event Permits	2	3
Parking Notices	75	142
Incident Reports	9	2
Vehicle Count	4,018	5,101
Trail Use Count	7,308	9,651
Days Closed Due to Rain/Red Flag	0	1
Days Interpretive Center (IC) Open	19	17
Number of IC Visitors	238	293
Volunteer Trail Patrol Shifts	10	10
Volunteer Docent Hours	103	75
Total Number of Docents	65	65
Finance	June 2024	May 2024
Infosend Payments (ACH and Credit Card)	12,831	13,008
California Bank & Trust Lockbox Payments	2,673	2,706
Over the Counter Payments	452	503
Check-free, Metavante and Chase	3,739	4,370
Finance Calls and Walk-ins	69	29
Service Orders/New Meters Processed	8	15
Service Orders Closed Out	2	0
Purchase Orders	15	15
Inventory Items Received	939	60
Invoices Processed	505	375
Payroll Direct Deposits Processed	246	247
Accounts Payable Checks and Electronic Fund Transfers	240	259

ENGINEERING DEPARTMENT

Engineering Manager Lindsey Stephenson Highlights for June 2024:

4S Ranch Neighborhood 1 Sewer Pump Station Replacement Project continued to progress through construction and is in bypass operations to complete wet well modifications. The Recycled Water Pipeline Extensions Project continues to progress with pipeline installations underway in Encinitas. Activities related to the construction of the David C. McCollom Water Treatment Plant (DCMWTP) 4th Stage Plant Improvement Project continue to progress. Activities related to the construction of the Unit A Potable Water Pipeline Replacement Project continue to progress through early construction phase, with material procurements and permitting in progress. The Notice To Proceed for the DCMWTP Chlorine Generation Room Floor Repair Project was issued, with work anticipated to commence in July. Staff continued planning and design efforts on multiple CIP projects, including the Potable and Recycled Water Master Plan Update. Staff also continued to handle developer requests, continued to assist other departments with engineering-related work, and continued to manage OMWD's right of ways and cell sites.

HUMAN RESOURCES DEPARTMENT

Human Resources Manager Jennifer Joslin Highlights for June 2024:

Human Resources staff conducted new hire and safety orientations for two new Utility I employees. Conducted internal Grow Your Own (GYO) interviews to fill the vacant Valve Maintenance Technician I position. Finalized the annual performance review process, calculated merit increases, prepared personnel recommendation forms, and updated pay rates in the payroll system for all eligible employees. Safety staff completed the Workplace Violence Prevention Plan and associated training. Facilitated on-site CPR/AED/First Aid training sessions as well as prescription safety glasses fittings for necessary staff. Attended the Water Utility Safety Managers (WUSMA) meeting.

Requests Received Pursuant to the Public Records Act (June 1-30):

<u>Requestor</u>	<u>Documents Requested</u>
County of San Diego	Neighborhood 1 Sewer Pump Station Replacement Project Records
SmartProcure	Quarterly Purchasing Records

OPERATIONS & MAINTENANCE

Operations Manager Jesse Bartlett-May Highlights for June 2024:

The first stage membrane train 5 work was completed, commissioned, and has been placed back in production as part of the Membrane Replacement Project. Staff completed the second round of UCMR 5 sampling on June 15th. Lab results were received and reviewed in the Safe Drinking Water Accession and Review System (SDWARS). Wastewater staff successfully completed a grit clean-out project in the wet well at the Neighborhood #3 Sewer Pump Station. A new recycled water service was installed at 777 North El Camino Real in Encinitas. Instrument Control Technicians continued to provide support of the Programmable Logic Controller (PLC)

Replacement and SCADA Upgrade projects. IT staff mitigated several scheduled San Diego Gas and Electric (SDG&E) power outages. Pump & Motor Technician staff coordinated and performed an operational fire flow run test at Connemara Sewer Pump Station. System Operations completed upgrades to Camino Sin Puente #1 Pressure Reducing Station and completed all updates for the Ardurra Master Plan Updates to the Hydraulic Grading Line Map. Construction replaced four valves in support of the Valve Replacement Project.

CUSTOMER SERVICES DEPARTMENT

Customer Services Manager John Carnegie Highlights for June 2024:

Published June issue of Watching Water newsletter; sent e-newsletter on June 18; submitted to ACWA JPIA a liability insurance program renewal questionnaire; submitted to California State Parks a 2024 Arts in California Parks grant application in the amount of \$32,260 to fund EFRR “Environmental Stewardship Through Art Series”; submitted to Assemblymembers Boerner and Maienschein, as well as Senators Atkins, Blakespear, and Jones, comment letters in opposition of SB 1255 relating to the proposed low-income rate assistance program; signed on to coalition letters in support of AB 2257 relating to water and sewer fees and assessments, and SB 366 relating to long-term supply targets; utilized advocate in Sacramento to testify before the Senate and Assembly Local Government Committees in support of AB 1827 relating to fees and charges and SB 1072 relating to Proposition 218; submitted to SWRCB a comment letter on final draft of proposed water use efficiency regulations; and concluded 2024 WaterSmart Landscape Contest.

At EFRR, partnered with Rancho Santa Fe Fire Protection District to host three “scenario” trainings for firefighters; completed maintenance and repairs on emergency access road; concluded seventeenth annual amateur photo contest; and hosted a June 17 wedding in accordance with Special Event Policy.

FINANCE DEPARTMENT

Finance Manager Rainy Selamat Highlights for June 2024:

Staff completed FY 2024 interim financial audit, including Prepared By Client list items requested by auditors, completed year-end inventory count, sent out bank confirmations, answered auditor inquiries; staff worked with District Grant Consultant to complete Title XVI grants; worked on proposed changes to Article 6 of District Administrative and Ethics Code for GM review; completed CalPERS Compensation Compliance Review calculations; completed cost benefit analysis on SDCWA Pre-Payment of Member Agency’s Fixed Charges Program; reviewed tax spread report on CSCDA CFD - Pinnacle Project with GM Thorner; updated wastewater rate and charge ordinance for approval; staff filed Notice of Exemption for sewer rates to the County and State Clearing House; staff processed preliminary sewer billing for the County’s annual report; prepared resolutions of intent from the Board to continue collecting annual sewer service fees in 4S Ranch and Rancho Cielo Sanitation Districts on the County’s Tax Roll; reviewed and finalized GM Recommended Operating and Capital Budget for Fiscal Years 2025 and 2026 for approval; and continued working on OMWD Water Cost of Service Study and 5 Year Financial Plan.

ASSISTANT GENERAL MANAGER:

The Assistant General Manager reports the following for June 2024:

Attended San Diego North Economic Development Council Board of Directors meeting, American Public Works Association Awards Luncheon and North San Diego Water Reuse Coalition (NSDWRC) meeting. Engaged in meetings with consultants and continued project management efforts on San Dieguito Valley Brackish Groundwater Project, dedicated significant time to Customer Services, Engineering and Operations budget development, personnel matters including employee reviews, participation in Grow Your Own interviews, review and preparation of upcoming projects including Electric Vehicle Fleet Migration and NSDWRC coordination.

GENERAL MANAGER:

The General Manager reports the following for June 2024:

General Manager Thorner met with the City of Oceanside's General Manager on regional coordination, participated in the WaterReuse California Strategic Plan Meeting, met with Santa Fe Irrigation's General Manager Lau, attended Carlsbad General Manager's retirement dinner, met with San Elijo JPA General Manager on recycled water issues, attended the Water for People Core Committee Meeting, met with the Cielo General Manager and HOA President at their request on easement and road access issues, attended the American Public Works Association Awards Luncheon, attended the Member Agency Managers Meeting, attended the Member Agency Managers debrief Meeting, met and interviewed with Fox 5 news, attended the North County Managers meetings, chaired the LAFCO Special Districts Advisory Committee Meeting, prepared agenda items on pre-payment of SDCWA fixed charges, attended the Municipal Service Review Working Group Meeting, met with Finance on Cost of Service Study and commencement of next Prop 218 process, held a Staff Leadership Meeting, participated in the North County Work Group Meeting, and dedicated significant time to employee annual reviews, legal review, reviewing SDCWA rate increases and board packet, reviewing the San Dieguito Valley Brackish Groundwater Project economic feasibility, personnel matters and reviewing records requests.

Memo

C

To: Olivenhain Municipal Water District Board of Directors

Subject: INFORMATIONAL REPORTS

CONSULTING ENGINEER

Any written report will be attached; any oral report will be provided at the time of the Board Meeting.

MEMORANDUM

To: Kimberly Thorner, Esq., Olivenhain MWD Board of Directors

From: Don MacFarlane, Consulting Engineer

Subject: Metropolitan Water District of Southern California (MWD)
Committee Meetings

Date: July 5, 2024

This is a report on the Finance and Asset Management Committee, the One Water and Stewardship Committee, and the Engineering, Operations, and Technology Committee meetings, held on July 8 and 9, 2024. This report is based on Board presentations and reports.

Finance and Asset Management Committee –

1. Financial Conditions and Metrics –

- a. Debt - MWD's outstanding debt is \$3.7 billion, mostly for capital improvement projects. In the past 5 years, MWD has issued \$3.6 billion in bonds, \$1 billion of which was to refund debt. Staff estimates \$258 million in present-value savings from the refunding.
- b. FY 2025 and 2026 Budget - The adopted budget projects water transactions of 1.34 MAF. Over 10 years, these are projected to increase to 1.43 MAF. Rate increases are 8.5 percent for each year. Over the following eight years, rates are projected to increase 11.5 percent for two years, 5.0 percent for two years, and 4.0 percent for four years. \$120 million of revenue and \$36 million in expenses reduction are yet to be identified.
- c. FY 24 Results - Water transactions are projected at 1.17 MAF, versus a budget of 1.54 MAF. The net draw on unrestricted reserves is projected at \$250 million. Unrestricted reserves are projected at year-end to be \$305 million, \$38 million above minimum, and \$361 below the Board target.

One Water and Stewardship Committee –

1. The SWP allocation remains at 40 percent.

MEMORANDUM

Metropolitan Water District of Southern California

July 5, 6, 2024 Committee Meetings

Page 2

7/8/2024

Engineering, Operations, and Technology Committee –

1. June 2024 Demands - 102 TAF, approximately 3TAF less than in 2023.
2. Target Percentage of SWP Water Delivered to the Skinner Water Treatment Plant – 25 percent.

CWA – San Diego County Water Authority

EIR – Environmental Impact Statement

DWR – California Department of Water Resources

EIS – Environmental Impact Statement

MCL – Maximum Contaminant Level

MGD – Million Gallons per Day

MAF – Million acre-feet

MWD – Metropolitan Water District of Southern California

PFAS – Per- and Polyfluoroalkyl Substances

SWP – State Water Project

TAF – Thousand acre-feet

Memo

D

To: Olivenhain Municipal Water District Board of Directors

Subject: INFORMATIONAL REPORTS

GENERAL COUNSEL

Any written report will be attached; any oral report will be provided at the time of the Board Meeting.



TO: Olivenhain Municipal Water District

FROM: Alfred Smith

DATE: July 17, 2024

RE: Attorney Report: New Law Limiting Regulatory Authority
150152-0005

I. INTRODUCTION.

This attorney report provides an update on a recent United States Supreme Court decision limiting regulatory authority by overturning the “Chevron doctrine.” For decades, the “Chevron doctrine” has been used by regulatory agencies to obtain deference from judges when the agency’s interpretation is challenged in court.

On June 28th, the Supreme Court issued a 6-3 ruling in *Loper Bright Enterprises v. Raimondo* (*Loper Bright*), overruling the Supreme Court’s own decision forty years ago in *Chevron v. Natural Resources Defense Council* (*Chevron*). *Chevron* deference, which stemmed from a 1984 Supreme Court ruling in *Chevron v. Natural Resources Defense Council*, directed courts to defer to an agency’s reasonable interpretation of a statute that is ambiguous or silent on an issue. This ruling will significantly reshape the federal regulatory landscape.

In overturning *Chevron*, the Supreme Court held that the deference given to agencies under *Chevron* is incompatible with the Administrative Procedure Act’s (“APA”) requirement that judges decide all relevant questions of law. While the Supreme Court stated that former cases that relied on *Chevron* would not be overturned, judges will make the ultimate decision on the correct interpretation of an ambiguous statute going forward.

II. BACKGROUND.

A. The Chevron Doctrine

Under the Chevron doctrine, courts used a multi-step framework when reviewing an agency regulation. As a preliminary step in the *Chevron* analysis, or what has routinely been referred to as “step zero,” courts were tasked with determining whether Congress intended for the federal agencies to have delegated rulemaking authority. At “step one” of the Chevron analysis, the court looked at the statute the agency was

implementing by regulation to determine whether the statutory provision at issue was unambiguous. If the statute was unambiguous, the analysis ended.

However, if the provision was ambiguous, or the statute was silent on the particular issue, courts went to “step two” to consider whether the agency’s regulatory interpretation of the statute was “permissible.” If a court determined the interpretation was permissible, the court was required to defer to the agency’s interpretation, even if the court might conclude a different interpretation of the statute was better. In addition, even after a court interpreted a statute, an agency could adopt an alternative interpretation based on its expertise and be granted deference for that alternative interpretation.

However, within the last decade, the Supreme Court, and particularly Chief Justice John Roberts, began to question whether courts should defer to regulatory agency interpretations of statutes, especially when those interpretations involved major questions of law and policy.

Under the *Chevron* doctrine, courts have routinely deferred to federal agency interpretations of the law, creating a high bar for challengers seeking to oppose federal regulatory action.

B. Prior Proceedings

The case originated from two related challenges brought by commercial fisherman –*Loper Bright Enterprises v. Raimondo* and *Relentless v. Department of Commerce* –against a National Marine Fisheries Services (“NMFS”) rule requiring commercial fisheries to carry, and pay for, observers on their vessels. The fishermen in both cases sued, arguing that the agency does not have the authority to require industry-funded observers under the applicable statute.

Specifically, the case challenged the constitutionality of a fisheries management rule developed under the Magnuson-Stevens Fishery Conservation and Management Act (“MSA”). The MSA grants the NMFS broad authority to create fisheries management plans and requires that vessels carry one or more observers to collect data necessary for the conservation and management of the fishery. Because Congressional funds available to NMFS were insufficient to cover expenses, NMFS required fishing vessels to pay the salaries of the observers.

The D.C. Court of Appeals and First Circuit Court of Appeals both upheld the rule, determining that the statute was ambiguous and NMFS’ interpretation was

reasonable under *Chevron*. The plaintiffs sought review by the U.S. Supreme Court in the hopes *Chevron* would be overturned.

III. COURT'S ANALYSIS.

On January 17, 2024, the United States Supreme Court held oral argument to address whether the Court should overturn *Chevron*. Four Justices—Justice Alito, Justice Gorsuch, Justice Kavanaugh, and Justice Thomas—seemed prepared to overturn *Chevron* during oral argument, repeatedly questioning, among other things, whether *Chevron* impermissibly allows agencies, rather than courts, to interpret federal statutes. Justice Jackson, Justice Kagan, and Justice Sotomayor clearly appeared to favor maintaining *Chevron*, expressing concern that judges would become policymakers without *Chevron*, and that the doctrine ensures proper deference is given to agencies that are experts in particular fields.

Justice Barrett and Chief Justice Roberts held neutral viewpoints throughout the oral argument. While critical of *Chevron*, Justice Barrett expressed concern that overturning *Chevron* could lead to a flood of litigation. Chief Justice Roberts stated that there may be no practical need to overturn *Chevron* because the doctrine had been limited in prior Supreme Court decisions.

Writing for the majority, Chief Justice Roberts overruled *Chevron*, stating that “the Administrative Procedure Act requires courts to exercise their independent judgment in deciding whether an agency has acted within its statutory authority, and courts may not defer to an agency interpretation of the law simply because a statute is ambiguous.” The majority opinion was joined by Justices Thomas, Alito, Gorsuch, Kavanaugh, and Barrett. Justice Thomas and Gorsuch also filed concurring opinions.

In the majority opinion, Chief Justice Roberts stated that *Chevron* “has proved to be fundamentally misguided” since its inception, and that the only way for the court to ensure that the law would “develop in a principled and intelligible fashion” is for Courts to leave *Chevron* behind. He explained that *Chevron* was incompatible with the APA’s requirement that courts “decide all relevant questions of law, interpret constitutional and statutory provisions, and determine the meaning or applicability of the terms of an agency action.”

Further, *Chevron* had not been the sort of “stable background rule” that can be relied on given the Supreme Court’s “constant tinkering” with the doctrine and the doctrine’s inconsistent application by lower courts. Despite overruling *Chevron*, Chief Justice Roberts clarified that the decision would not apply retroactively to prior cases that relied on the *Chevron* framework. These cases, the Supreme Court held, were still subject to statutory *stare decisis*, and their mere reliance on *Chevron* does not create a

“special justification” for overruling them. However, in the future and consistent with the 1944 Supreme Court case of *Skidmore v. Swift & Co*, an agency’s interpretation of a statute will only be one interpretation the court may consider in reaching a decision.

In a separately filed concurring opinion, Justice Thomas stated that the *Chevron* doctrine violated the Constitution’s doctrine of separation of powers by making judges “accept an agency’s interpretation of an ambiguous law” and preventing them from “exercising their independent judgment to resolve ambiguities.” Justice Gorsuch noted in his own concurring opinion that *Chevron* undermined a right to a fair trial and that discarding it would allow courts to “resolve cases and controversies without any systemic bias in the government’s favor.”

Meanwhile, Justice Kagan filed a dissenting opinion joined by Justices Sotomayor and Jackson. Justice Kagan wrote that “in one fell swoop, the majority today gives itself exclusive power over every open issue—no matter how expertise-driven or policy-laden—involving the meaning of regulatory law.” Justice Kagan’s dissenting opinion emphasized that the decision would “cause a massive shock to the legal system” and that the shifting views about the worth of regulatory actors did not “justify overhauling a cornerstone of administrative law.” *Chevron*, Justice Kagan explained, ensures that courts take a step back when they lack relevant expertise or experience and avoid “inserting themselves into an agency’s expertise-driven, policy-laden functions.”

Supporters of the *Chevron* doctrine assert that it allows for agency expertise to fill in the gaps of ambiguous statutes written by Congress. Opponents, however, believe *Chevron* violates the separation of powers as courts, not the executive branch, should determine the meaning of statutes.

IV. CONCLUSION.

Cited in over 18,000 published cases, *Chevron* was considered one of the foundational cases in regulatory agency law because it created the doctrine of *Chevron* deference, which requires judges to defer to a federal agency’s interpretation of an ambiguous statute if it is reasonable.

This decision could potentially lead to changing interpretations of existing laws and regulations that relied on *Chevron*. The majority opinion stated that holdings that relied on the *Chevron* doctrine to uphold agency actions will still be subject to statutory *stare decisis*, or the doctrine of respect for past court decisions. However, Justice Kagan’s dissent argues that the majority decision “subverts every known principle of *stare decisis*,” and “will cause a massive shock to the legal system,” casting doubt on many settled constructions of statutes.

The 40-year period during which *Chevron* was the law of the land coincided with an expansion of agency regulation in many areas of law ranging from the Clean Water Act, the National Environmental Policy Act, the Clean Air Act and other environmental regulations, federal employment law, endangered species protection and more. During this time, federal agencies could enact regulations based on novel interpretations of statutes, with some assurance that those regulations would not be overturned by federal courts required to defer to agency interpretations of federal statutes.

The end of *Chevron* will likely make regulatory agencies rethink the kinds of regulations they issue in the first place. If regulatory agencies know that courts will review their regulations under a less permissive deference, they may be less likely to push the boundaries of statutory interpretation to affect changes in policy. Moreover, once a court decides the “best” interpretation, the barrier for a regulatory agency to change that interpretation to meet emerging conditions or changes in leadership is high. The end of *Chevron* could even motivate Congress to fill the gaps, a task left to agencies under *Chevron*’s broad deference standard, by passing more laws with more detailed instructions on their implementation.

AES

Memo

E

To: Olivenhain Municipal Water District Board of Directors

Subject: INFORMATIONAL REPORTS

SAN DIEGO COUNTY WATER AUTHORITY REPRESENTATIVE

Any report will be oral at the time of the Board meeting.



SUMMARY OF FORMAL BOARD OF DIRECTORS' MEETING JUNE 27, 2024

1. Monthly Treasurer's Report on Investments and Cash Flow.
The Board noted and filed the Treasurer's report.
2. Purchase of Water Authority Business Insurance for Fiscal Year 2025.
The Board authorized the General Manager to purchase \$41 million in liability insurance for fiscal year 2025 from CalMutuals JPRIMA in the amount of \$613,927, property insurance for fiscal year 2025 from Swiss Reinsurance Company in the amount of \$342,883, and workers' compensation insurance from CalMutuals JPRIMA in the amount of \$362,813, for a total amount of \$1,319,623.
3. Approval of Minutes
The Board approved the minutes of the Formal Board of Directors' meeting of May 23, 2024.
4. Resolution supporting Jo MacKenzie for the California Special Districts Association (CSDA) Board of Directors for the Southern Network, Seat A.
The Board adopted Resolution 2024-09, a Resolution of the Board of Directors of the San Diego County Water Authority, supporting Jo MacKenzie for CSDA Board of Directors for the Southern Network, Seat A.
5. Adopt the Water Authority's Rates and Charges for Calendar Year (CY) 2025.
 - a. The Board adopted Ordinance No. 2024-03, an ordinance of the Board of Directors of the San Diego County Water Authority amending and restating the System Capacity and Water Treatment Capacity Charges imposed by the Water Authority pursuant to Section 5.9 of the County Water Authority Act.
 - b. The Board approved finding the actions exempt from CEQA pursuant to Public Resources Code § 21080(b)(8) and authorized the General Manager to file a notice of exemption.
 - c. The Board authorized the General Manager to implement the Water Authority's One-Time Pre-Payment of Future Fixed Charges Pilot Program and offer the program to all member agencies.
 - d. The Board directed the General Manager and staff to return with an update of any material potential rate savings that can be applied prior to the January 1, 2025 implementation.
 - e. The Board directed a return to the September 2024 and November 2024 Administrative and Finance Committee meeting with an update of actual CY 2024 year to date water sales, updated CY 2025 projected water sales and any other material potential rate savings that can be applied prior to the January 1, 2025 implementation of an effective rate increase to be determined at the July 25, 2024 Board meeting.
 - f. The Board directed a return to the Administrative and Finance Committee with a detailed explanation of the actions taken by the General Manager to adjust expenditures within the revenue increase equating to an effective rate increase to be determined at the July 25, 2024 Board meeting and present an amended FY 2025 budget for the Board's adoption, if necessary.



- g. The Board adopted Resolution No. 2024-11, a Resolution of the Board of Directors of the San Diego County Water Authority continuing the Standby Availability Charge, and Resolution No. 2024-10 setting the time and place for a public hearing on July 25, 2024, at or after 9:00 a.m., or as soon thereafter as may be practicably, to receive comments regarding the recommended rates and charges.
- h. The Board adopted a revenue requirement necessary to pass-through costs related to MWD's rates, fees, and charges.

6.

FY 2024 and 2025 Budget: Salary Schedules.

The Board approved the Classification and Salary Schedules for Fiscal Year 2024 and Fiscal Year 2025, consistent with the approved increases in the approved Memorandum of Understanding (MOU) between San Diego County Water Authority and Teamsters Local 911, to be publicly available and on file with the California Public Employees Retirement System.

Morning Report:

Jun. 28, 2024

by [Voice of San Diego](#)

4 hours ago

San Diego's Water Gets (a Little) More Expensive

After hours of debate, San Diego's water importer (because the region has to buy most of its water from outside the county) decided to raise rates just a smidgen – and put off the doom-iest part of its proposed water price spike until next month.

Why? Well, a lot of local water district representatives (there are 33) weren't comfortable with how the city of San Diego (the region's biggest and most powerful water buyer) wanted to try and stave off bigger rate increases. And the city, which has the power to ram through anything it wants, hit the pause button instead.

How we got here: Staff at the San Diego County Water Authority first proposed a 22 percent rate increase for Jan. 1 for a whole slew of reasons you [can read about here](#). That was later negotiated down to 18 percent – still huge compared to water price increases over the past few decades. Actual water rates consumers pay at homes and businesses would not necessarily go up that much but local water districts would have to pay those rate increases somehow.

Then the Water Authority scrounged up a \$19 million dollar grant from the federal government to help buy down that price spike to around 15 percent.

Not good enough: The city of San Diego, at the urging of Mayor Todd Gloria, still wasn't happy with that. At Thursday's Water Authority board meeting, vice chair and Gloria's deputy chief of staff Nick Serrano asked the agency to try to make a 14 percent rate hike happen. That sent the Water Authority General Manager Dan Denham and his finance team back into the proverbial locker room to come up with a new play for how to get there.

Denham's team told the full board later that afternoon the Water Authority could offer a 14 percent rate spike, but it'd have to use \$9 million cash from its emergency coffers (there's only \$25 million left in there) to make it happen.

Alt 14.0% + Grant: Reflects City of San Diego Recommendation

Rate Alternative	External Passthrough	CWA Fiscal & Infrastructure Impact	Est. CY25 Effective Impact	Meets 150 Days Policy	Funds RSF Policy	Supports AA+ Credit Rating	CIP Risk & Annual Investment
Alt. 9 (FPWG Rec)	11%	+ 7.1%	= 18.1%	✓	✓	✓	Moderate Risk \$93M/yr avg
Alt. 9 + Grant	11%	+ 4.4%	= 15.4%	✓	✓	✓	Moderate Risk \$93M/yr avg
Alt. 14.0% + Grant (City of San Diego Rec)	11%	+ 3%	= 14.0%	X	X	X	Moderate Risk \$93M/yr avg

*Alternative 14.0% + Grant

- Minor 1.4% rate reduction results in a significant increase in financial risk.
- \$30/AF reduction to Melded Supply Rate * 299,898AF of M&I Sales = \$8,996,940 impact
- Requires \$9 million additional reserves that will further stress depleted reserves that are already below policy
- Further increases likelihood of future rating downgrade – A \$4M/yr impact
- Demonstrates reluctance to implement necessary cost recovery
- Year 2 Effective impact forecasted to exceed Year 1



How the San Diego County Water Authority framed the city of San Diego's proposed rate hike.

Rates and Debt Manager Pierce Rossum threw up a plan showcasing some scary red "x's" indicating what less rate collections would mean for the agency's future: That plan wouldn't meet the board's own cash-on-hand policy, it would take money out of the emergency fund, and further hurt the Water Authority's already weakened credit rating.

It was enough to generate some cold feet. "Stop trying to make 14 percent happen. It's not going to happen," was the vibe of the room. The city of San Diego backed off their ask. The board went into recess.

When the board returned, San Diego's Board Director Fern Steiner threw a proverbial flag on the city's own play. She asked the board to instead approve a 4 percent increase so the Water Authority could pay its bills to the Metropolitan Water District of Southern California – San Diego's lifeline to all of its major water sources. And then the board would deal with the rest later – at its July 25 meeting.

Memo

F

To: Olivenhain Municipal Water District Board of Directors

Subject: INFORMATIONAL REPORTS
LEGISLATIVE REPORT

Any written report will be attached; any oral report will be provided at the time of the Board Meeting.



NOSSAMAN^{LLP} | Memorandum

TO: Olivenhain Municipal Water District
FROM: Ashley Walker, Senior Policy Advisor, Nossaman LLP
Jennifer Capitolo, Jennifer M. Capitolo and Associates LLC
DATE: July 8, 2024
RE: July 2024 Public Policy Report

State Legislative Updates:

Status of the Legislature: The governor and legislative leadership announced their budget agreement on June 22, with many additional trailer bills being announced on June 26. All budget bills were passed by the legislature and have been signed by the governor.

The legislature will break for a one-month summer recess that began on July 4, and they will reconvene on August 5.

All bills that are continuing to move through the legislative process this year are now in their second house and must have been heard by the appropriate policy committee by July 3. When the legislature returns from summer recess, the Appropriations Committees will have until August 16 to meet and act on bills that have a fiscal impact on the state. The last day of session is on August 31. The governor has 30 days to take action on all bills that are presented to him.

Climate Bond: Negotiations in the legislature were ongoing until the final minute regarding a Climate Bond to be placed on the November 2024 ballot. The legislature worked with the Secretary of State to push the bond passage and governor signature deadline to July 3. The Climate Bond (SB 867) was amended to reflect a \$10 billion bond with funding pots that represent the legislature's priorities for climate-related infrastructure projects. The bond was passed and signed by Acting Governor Mike McGuire on July 3. The bond will be on the November ballot.

The bond is broken down into the following "chapters" of funding:

- \$3,800,000,000 for safe drinking water, drought, flood, and water resilience programs

- \$1,500,000,000 for wildfire and forest resilience programs
- \$1,200,000,000 for coastal resilience programs
- \$450,000,000 for extreme heat mitigation programs
- \$1,200,000,000 for biodiversity protection and nature-based climate solution programs
- \$300,000,000 for climate-smart, sustainable, and resilient farms, ranches, and working lands programs
- \$700,000,000 for park creation and outdoor access programs
- \$850,000,000 for clean air programs

Nossaman participated in lobbying efforts with the ACWA lobbying coalition on this issue, requiring many meetings with members and staff. OMWD was kept up to date on the latest negotiations and discussions. Looking ahead, Nossaman will assist OMWD in identifying and examining funding opportunities that align with OMWD's climate bond priorities, should the bond be passed in November.

Legislation: Nossaman has outlined legislation of interest to OMWD, with suggested or current positions below.

- **AB 1827 (Papan): Local government: fees and charges: water: higher-consumptive water parcels.** This bill would provide that the fees or charges for property-related water service imposed or increased, as specified, may include the incrementally higher costs of water service due to specified factors, including the higher water usage demand of parcels. The bill would provide that the costs associated with higher water usage demands, the maximum potential water use, or a projected peak water usage demand may be allocated using any method that reasonably assesses the water service provider's cost of serving those parcels that are increasing potential water usage demand, maximum potential water use, or project peak water use demand.
Current position: Support.
ACWA Position: Support.
*Nossaman provided testimony in the policy committee hearing.
- **AB 2257 (Wilson): Local government: property-related water and sewer fees and assessments: remedies.** This bill would prohibit, if a local agency complies with specified procedures, a person or entity from bringing a judicial action or proceeding alleging noncompliance with the constitutional provisions of Proposition 218 for any new, increased, or extended fee or assessment, unless that person or entity has timely submitted to the local agency a written objection to that fee or assessment that specifies the grounds for alleging noncompliance.
Current position: Support.
ACWA Position: Sponsor.
*Nossaman provided testimony in the policy committee hearing.

- **SB 366 (Caballero): The California Water Plan: long-term supply targets.** This bill would revise and recast certain provisions regarding The California Water Plan to require the department to instead establish a stakeholder advisory committee and to expand the membership of the committee to include tribes, labor, and environmental justice interests. The bill would require the department to coordinate with California Water Commission, State Water Resources Control Board, other state and federal agencies as appropriate, and the stakeholder advisory committee to develop a comprehensive plan for addressing the state's water needs and meeting specified long-term water supply targets established by the bill for purposes of The California Water Plan. The bill would require the plan to provide recommendations and strategies to ensure enough water supply for all designated beneficial uses.
Current position: Support.
ACWA Position: Support.
*Nossaman provided testimony in the policy committee hearing.
- **SB 1072 (Padilla): Local government: Proposition 218: remedies.** Senate Bill 1072 provides that, if a court determines that fee or charge for a property related service, including water, sewer, and refuse collections violates Proposition 218, then the local agency must, in the next procedure to impose or increase the fee or charge, credit that amount against the cost of providing the property related service, unless statute explicitly provides a refund remedy. The measure also states it does not apply to claims related to billing errors.
Current position: Support.
ACWA Position: Support.
*Nossaman provided testimony in the policy committee hearing.
- **SB 1218 (Newman): Water: emergency water supplies.** This bill declares that it is the established policy of the state to encourage, but not mandate, the development of emergency water supplies, and to support their use during times of water shortage.
Current position: Support.
ACWA Position: Support.
*Nossaman provided testimony in the policy committee hearing.
- **SB 1255 (Durazo): Public water systems: needs analysis: water rate assistance program. (1)** Current law establishes the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and long terms. Current law requires the State Water Resources Control Board to annually adopt a fund expenditure plan, as provided, and requires expenditures from the fund to be consistent with the fund expenditure plan. Current law requires the state board to base the fund expenditure plan on data and analysis drawn from a specified drinking water needs assessment. This bill would require the state board to update a needs analysis of the state's public water systems to include an assessment, as specified, of the funds necessary to provide a 20% bill credit for low-income households served by community water systems with fewer than 3,300 service connections and for community water systems with fewer than 3,300 service connections to meet a specified affordability

threshold on or before July 1, 2026, and on or before July 1 of every 3 years thereafter. (2) Existing law requires the state board, by January 1, 2018, to develop a plan for the funding and implementation of the Low-Income Water Rate Assistance Program. Existing law requires the plan to include, among other things, a description of the method for collecting moneys to support and implement the program and a description of the method for determining the amount of moneys that may need to be collected from water ratepayers to fund the program. This bill would require qualified systems, defined as any retail water supplier that serves over 3,300 residential connections, to begin providing water rate assistance to eligible ratepayers, defined to mean a low-income residential ratepayer with an annual household income that is no greater than 200% of the federal poverty guideline level, on or before April 1, 2027. The bill would require a qualified system to automatically enroll an eligible ratepayer in the water rate assistance program if available information, which includes authorizing a ratepayer to confirm eligibility by self-certification made under penalty of perjury, indicates that they are qualified to receive assistance and provide a water bill credit. The bill would require a qualified system, on or before July 1, 2026, to provide an opportunity for each ratepayer to provide a voluntary contribution as part of the ratepayer's water bill to provide funding for the qualified system's water rate assistance program. The bill would require a qualified system to recommend a voluntary contribution amount on the bill of each ratepayer, other than an eligible ratepayer, at a level that will raise sufficient funding to provide a discount to eligible ratepayers, pay for the qualified system's administrative costs to implement the program, and establish a balancing account if the qualified system chooses to do so. The bill would require a qualified system to notify ratepayers of the voluntary contribution on the water bill and provide each ratepayer the option and method of opting out of the voluntary contribution, as specified. The bill would also prohibit a qualified system from sanctioning or holding liable a ratepayer in any manner for not paying the voluntary contribution. The bill would authorize a qualified system to use any state or federal funds that are available to support a ratepayer assistance program by offsetting or supplementing the funds collected from voluntary contributions. The bill would authorize the Attorney General to bring an action in state court to restrain the use of any method, act, or practice in violation of these provisions, except as provided.

Current position: Oppose.

ACWA Position: Author took several amendments but didn't address all issues so remain "Oppose Unless Amended."

*Nossaman provided testimony in the policy committee hearing.

- **SB 1330 (Archuleta): Urban retail water supplier: water use.** This bill makes several changes to the urban water use efficiency framework including moving several dates to reflect implementation delays, among other provisions.

Current position: Support.

ACWA Position: Support.

*Nossaman provided testimony in the policy committee hearing.

Governor's Actions and Executive Orders: The following actions have been taken by the governor since the last report. This list is compiled from CalOES, California Health and Human Services, California Department of Public Health, and FEMA.

- June 7 – Governor Newsom visits the nation's largest river restoration project while visiting the Klamath River Dam Removal Project.
- June 18 – Governor Newsom announces historic land return effort on the 5th Anniversary of California's apology to Native Americans.
- June 21 – California created 43,700 jobs in May, 16.1 percent of the nation's total.

Regulatory Updates:

Long-term Water Conservation Standards Rulemaking: On May 20, State Water Resources Control Board released a revised third draft of the proposed conservation regulation for a 15-day comment period, which ended on June 4; OMWD submitted its comments on May 29. As proposed by the environmental organizations, new "anti-backsliding" provisions were added to ensure a supplier's Urban Water Use Objective cannot be higher than their previous 20-by-2020 target. Before July 1, 2040, this subdivision of the regulation does not apply to any supplier who has NOT met their individual 20-by-2020 target but is achieving its target on a regional basis. Also, a new residential variance was added for irrigating existing residential trees, but subject to strict and burdensome criteria. For example, suppliers must demonstrate to the State Water Board that they cannot meet their UWUO only after *"first taking other feasible actions, including causing or compelling the conversion of high-water use landscapes to climate-ready landscapes."* Beginning July 1, 2040, an urban supplier can apply for a variance for irrigating existing trees on CII landscapes with dedicated irrigation meters, but this is also subject to onerous criteria. Other changes in the third draft included:

- A correction to a formula error related to high Total Dissolved Solids provisions.
- Additional reporting requirements for residential and CII special landscape areas irrigating with recycled water.
- Additional reporting requirements for variance related to irrigating landscapes with recycled water containing high TDS.
- Additional reporting requirements for the bonus incentive for potable reuse.
- Additional reporting requirements for the Annual Water Use report, including "Residential Recycled Water Demand" and "Residential Non-potable Water Demand."
- A global change of CII "connections" to CII "water users" to account for both customers and connections.

Most of the significant additional changes advocated by the water user community were not adopted in this revision. Additionally, significant revisions to the benefit/cost analysis have been made by staff but have not been released for public review and consideration regarding implementation costs for water suppliers.

On May 28, ACWA's Water Use Efficiency subcommittee met to discuss the above concerns and support for a proposed draft comment letter, which was broadly circulated on May 29.

On June 14, SWRCB released a revised fourth draft of the proposed conservation regulation for a comment period, which ended on July 1; OMWD submitted its comments on June 28. Several of the recent changes to the tree variance provisions were in response to ACWA's June 4 comment letter.

On June 28, ACWA circulated a letter for review and comment, and on the same day, SWRCB released the revised "Standardized Regulatory Impact Assessment" for the regulation.

On July 3, SWRCB adopted a resolution finalizing the regulation. It will be submitted to the Office of Administrative Law by August.

Drinking Water State Revolving Fund 2024/25 Intended Use Plan: SWRCB staff have prepared the 2024/25 DWSRF IUP and have developed recommendations for this year's "Fundable List." The draft IUP was released in late June with a Board Workshop scheduled for July 16. Staff will be bringing the IUP to the SWRCB for adoption in August. Staff are also working on a DWSRF Policy Amendment and intend to hold a public workshop and present the proposed Clean Water State Revolving Fund Policy Amendment to SWRCB in 2024. One key proposed amendment is a set of Scoring Criteria to align with SWRCB priorities and process improvement efforts within the Division of Financial Assistance.

Olivenhain Legislative Report as of 7/8/2024

Oppose

SB 1255 **(Durazo D) Public water systems: needs analysis: water rate assistance program.**

Last Amend: 6/19/2024

Status: 7/2/2024-From committee: Do pass and re-refer to Com. on APPR. (Ayes 11. Noes 0.) (July 1). Re-referred to Com. on APPR.

Location: 7/1/2024-A. APPR.

Summary: Current law establishes the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and long terms. Current law requires the state board to annually adopt a fund expenditure plan, as provided, and requires expenditures from the fund to be consistent with the fund expenditure plan. Current law requires the state board to base the fund expenditure plan on data and analysis drawn from a specified drinking water needs assessment. This bill would require the state board to update a needs analysis of the state's public water systems to include an assessment, as specified, of the funds necessary to provide a 20% bill credit for low-income households served by community water systems with fewer than 3,300 service connections and for community water systems with fewer than 3,300 service connections to meet a specified affordability threshold on or before July 1, 2026, and on or before July 1 of every 3 years thereafter.

Position:

Oppose

Notes: Olivenhain oppose letter sent 6.11.24. Testimony provided at committees in opposition. Additional letters sent 7.2.24 to Appropriations Committee members.

Support

AB 1827 **(Papan D) Local government: fees and charges: water: higher consumptive water parcels.**

Last Amend: 4/4/2024

Status: 6/27/2024-Read second time. Ordered to third reading.

Location: 6/27/2024-S. THIRD READING

Summary: The California Constitution specifies various requirements with respect to the levying of assessments and property-related fees and charges by a local agency, including requiring that the local agency provide public notice and a majority protest procedure in the case of assessments and submit property-related fees and charges for approval by property owners subject to the fee or charge or the electorate residing in the affected area following a public hearing. Current law, known as the Proposition 218 Omnibus Implementation Act, prescribes specific procedures and parameters for local jurisdictions to comply with these requirements and, among other things, authorizes an agency providing water, wastewater, sewer, or refuse collection services to adopt a schedule of fees or charges authorizing automatic adjustments that pass through increases in wholesale charges for water, sewage treatment, or wastewater treatment or adjustments for inflation under certain circumstances. Current law defines, among other terms, the term "water" for these purposes to mean any system of public improvements intended to provide for the production, storage, supply, treatment, or distribution of water from any source. This bill would provide that the fees or charges for property-related water service imposed or increased, as specified, may include the incrementally higher costs of water service due to specified factors, including the higher

water usage demand of parcels.

Position:

Support

Notes: ACWA position- support. Olivenhain support letter 5/2/24.

AB 2257

(Wilson D) Local government: property-related water and sewer fees and assessments: remedies.

Last Amend: 6/20/2024

Status: 7/3/2024-From committee: Amend, and do pass as amended. (Ayes 5. Noes 2.) (July 3).

Location: 7/3/2024-S. L. GOV.

Summary: The California Constitution specifies various requirements with respect to the levying of assessments and property-related fees and charges by a local agency, including notice, hearing, and protest procedures, depending on the character of the assessment, fee, or charge. Current law, known as the Proposition 218 Omnibus Implementation Act, prescribes specific procedures and parameters for local jurisdictions to comply with these requirements. This bill would prohibit, if a local agency complies with specified procedures, a person or entity from bringing a judicial action or proceeding alleging noncompliance with the constitutional provisions for any new, increased, or extended fee or assessment, as defined, unless that person or entity has timely submitted to the local agency a written objection to that fee or assessment that specifies the grounds for alleging noncompliance, as specified. This bill would provide that local agency responses to the timely submitted written objections shall go to the weight of the evidence supporting the agency's compliance with the substantive limitations on fees and assessments imposed by the constitutional provisions.

Position:

Support

Notes: ACWA position- sponsor/ support 3.13.24. Olivenhain & Padre Dam on coalition support letter 4/24/24. Olivenhain on coalition support ASM floor alert 5/13/24. Olivenhain & Padre Dam on coalition support SEN Judiciary letter 6/4/24.

SB 366

(Caballero D) The California Water Plan: long-term supply targets.

Last Amend: 6/26/2024

Status: 6/26/2024-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/25/2024-A. APPR.

Summary: Would revise and recast certain provisions regarding The California Water Plan to, among other things, require the Department of Water Resources to instead establish a stakeholder advisory committee and to expand the membership of the committee to include tribes, labor, and environmental justice interests. The bill would require the department to coordinate with the California Water Commission, the State Water Resources Control Board, other state and federal agencies as appropriate, and the stakeholder advisory committee to develop a comprehensive plan for addressing the state's water needs and meeting specified long-term water supply targets established by the bill for purposes of The California Water Plan. The bill would require the plan to provide recommendations and strategies to ensure enough water supply for all designated beneficial uses. The bill would require the plan to include specified components, including a discussion of various strategies that may be pursued in order to meet the water supply targets, a discussion of agricultural water needs, and an analysis of the costs and benefits of achieving the water supply targets. The bill would require the department to submit to the Legislature an annual report between updates to the plan that includes progress made toward meeting the water supply targets once established, as specified. The bill would also require the department to conduct public workshops to give interested parties an opportunity to comment on the plan and to post the preliminary draft of the plan on the department's internet website.

Position:

Support

Notes: Coalition support letter 4/17/24. Olivenhain support letter to ASM Water, Parks and Wildlife committee 5/8/24.

SB 1072

(Padilla D) Local government: Proposition 218: remedies.

Last Amend: 6/17/2024

Status: 6/27/2024-Read second time. Ordered to third reading.

Location: 6/27/2024-A. THIRD READING

Summary: The California Constitution sets forth various requirements for the imposition of local taxes. The California Constitution excludes from classification as a tax assessments and property-related fees imposed in accordance with provisions of the California Constitution that establish requirements for those assessments and property-related fees. Under these requirements, an assessment is prohibited from being imposed on any parcel if it exceeds the reasonable cost of the proportional special benefit conferred on that parcel, and a fee or charge imposed on any parcel or person as an incident of property ownership is prohibited from exceeding the proportional cost of the service attributable to the parcel. The Proposition 218 Omnibus Implementation Act prescribes specific procedures and parameters for local compliance with the requirements of the California Constitution for assessments and property-related fees. This bill would require a local agency, if a court determines that a fee or charge for a property-related service, as specified, violates the above-described provisions of the California Constitution relating to fees and charges, to credit the amount of the fee or charge attributable to the violation against the amount of the revenues required to provide the property-related service, unless a refund is explicitly provided for by statute.

Position:

Support

Notes: ACWA position- support 3.13.24. Olivenhain signed on to the CSDA Coalition letter of support for SB 1072 on 5/17/24.

SB 1218

(Newman D) Water: emergency water supplies.

Last Amend: 6/18/2024

Status: 6/25/2024-From committee: Do pass and re-refer to Com. on APPR. with recommendation: To consent calendar. (Ayes 13. Noes 0.) (June 25). Re-referred to Com. on APPR.

Location: 6/25/2024-A. APPR.

Summary: The Urban Water Management Planning Act requires every public and private urban water supplier that directly or indirectly provides water for municipal purposes to prepare and adopt an urban water management plan. The act requires an urban water management plan to include a water shortage contingency plan, as provided. This bill would declare that it is the established policy of the state to encourage, but not mandate, the development of emergency water supplies, and to support their use during times of drought or unplanned service or supply disruption, as provided.

Position:

Support

Notes: Coalition sign on letter 3/11/24. Coalition letter 4/9/24 to committee. Coalition letter 6/28/24 to committee.

SB 1330

(Archuleta D) Urban retail water supplier: water use.

Last Amend: 6/26/2024

Status: 6/26/2024-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/25/2024-A. APPR.

Summary: Current law requires an urban retail water supplier to calculate its urban water use objective no later than January 1, 2024, and by January 1 every year thereafter, and to be composed of the sum of specified data, including aggregate residential water use. Current law requires each urban retail water supplier's water use objective to be composed of the sum of specified aggregate estimates, including efficient outdoor irrigation of landscape areas with dedicated irrigation meters or equivalent technology in connection with water used by commercial water users, industrial water users, institutional water users, and large landscape water users (CII). Current law requires an urban retail water supplier to submit reports to the Department of Water Resources, as provided, by the same dates. This bill would require the department to, no later than January 1, 2035, conduct necessary studies and investigations regarding the efficiency performance of newly constructed residential landscapes and landscape areas with dedicated irrigation meters in connection with CII water use, as specified.

Position:

Support

Notes: ACWA position: favor 3/22/24.

Watch

[AB 277](#)

(Rodriguez D) Extreme Weather Forecast and Threat Intelligence Integration Center.

Last Amend: 7/3/2023

Status: 9/1/2023-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/21/2023)(May be acted upon Jan 2024)

Location: 9/1/2023-S. 2 YEAR

Summary: Current law establishes the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program within the department to, upon appropriation of special fund moneys, research climate forecasting and the causes and impacts that climate change has on atmospheric rivers, to operate reservoirs in a manner that improves flood protection in the state, and to reoperate flood control and water storage facilities to capture water generated by atmospheric rivers. This bill would establish the State-Federal Flood Operations Center within the Department of Water Resources and would authorize the department to administer the center in the department's divisions, offices, or programs. The bill would provide that the purpose of the center is to function as the focal point for gathering, analyzing, and disseminating flood and water-related information to stakeholders and would authorize the center to take specified actions for that purpose, including to function during emergency situations to enable the department to centrally coordinate statewide emergency responses.

Position:
Watch

[AB 305](#)

(Villapudua D) California Flood Protection Bond Act of 2024.

Last Amend: 4/25/2023

Status: 5/22/2024-Re-referred to Com. on N.R. & W.

Location: 5/22/2024-S. N.R. & W.

Summary: Would enact the California Flood Protection Bond Act of 2024 which, if approved by the voters, would authorize the issuance of bonds in the amount of \$4,500,000,000 pursuant to the State General Obligation Bond Law for flood protection projects, as specified. The bill would provide for the submission of these provisions to the voters at the November 5, 2024, statewide general election.

Position:
Watch

Notes: ACWA position: favor if amended 4/14/23.

[AB 460](#)

(Bauer-Kahan D) State Water Resources Control Board: water rights and usage: civil penalties.

Last Amend: 6/12/2024

Status: 6/26/2024-From committee: Do pass and re-refer to Com. on APPR. (Ayes 11. Noes 0.) (June 25). Re-referred to Com. on APPR.

Location: 6/25/2024-S. APPR.

Calendar: 8/5/2024 10 a.m. - 1021 O Street, Room
2200 SENATE APPROPRIATIONS, CABALLERO, ANNA, Chair

Summary: Under current law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability. This bill would require the State Water Resources Control Board to adjust for inflation, by January 1 of each year, beginning in 2025, the amounts of civil and administrative liabilities or penalties imposed by the board in water right actions, as specified.

Position:
Watch

[AB 560](#)

(Bennett D) Sustainable Groundwater Management Act: groundwater adjudication.

Last Amend: 6/26/2023

Status: 9/1/2023-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR.

SUSPENSE FILE on 8/14/2023)(May be acted upon Jan 2024)

Location: 9/1/2023-S. 2 YEAR

Summary: Current law prohibits a court from approving entry of judgment in certain adjudication actions for a basin required to have a groundwater sustainability plan under the Sustainable Groundwater Management Act, unless the court finds that the judgment would not substantially impair the ability of a groundwater sustainability agency, the State Water Resources Control Board, or the Department of Water Resources to comply with the act and to achieve sustainable groundwater management. This bill would require the parties to an adjudication action to submit a proposed settlement agreement determining rights to water to the board for a nonbinding advisory determination as to whether the proposed settlement agreement will substantially impair the ability of a groundwater sustainability agency, the board, or the department to achieve sustainable groundwater management before filing the proposed settlement agreement with the court. The bill would require the board to provide its nonbinding advisory determination to the parties no later than 120 days after the proposed settlement agreement was submitted, and would require the parties to include the board's nonbinding advisory determination in the court filing, as provided.

Position:
Watch

AB 754

(Papan D) Water management planning: water shortages.

Last Amend: 8/14/2023

Status: 9/1/2023-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/21/2023)(May be acted upon Jan 2024)

Location: 9/1/2023-S. 2 YEAR

Summary: Current law requires an urban water management plan to quantify past, current, and projected water use, identifying the uses among water use sectors, including, among others, commercial, agricultural, and industrial. Current law requires every urban water supplier to prepare and adopt a water shortage contingency plan as part of its urban water management plan. Current law requires the water shortage contingency plan to include the procedures used in conducting an annual water supply and demand assessment, including the key data inputs and assessment methodology used to evaluate the urban water supplier's water supply reliability for the current year and one dry year. Current law requires the key data inputs and assessment methodology to include specified information, including, among other things, a description and quantification of each source of water supply. This bill would require a water shortage contingency plan to include, if, based on a description and quantification of each source of water supply, a single reservoir constitutes at least 50% of the total water supply, an identification of the dam and description of existing reservoir management operations, as specified, and if the reservoir is owned and operated by the urban water supplier, a description of operational practices and approaches, as specified.

Position:
Watch

AB 828

(Connolly D) Sustainable groundwater management: managed wetlands.

Last Amend: 7/1/2024

Status: 7/1/2024-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/25/2024-S. APPR.

Calendar: 8/5/2024 10 a.m. - 1021 O Street, Room
2200 SENATE APPROPRIATIONS, CABALLERO, ANNA, Chair

Summary: The Sustainable Groundwater Management Act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans, except as specified. Existing law defines various terms for purposes of the act. This bill would add various defined terms for purposes of the act, including the terms "managed wetland" and "small community water system."

Position
Watch

Notes: ACWA position: oppose 1/19/24.

AB 830**(Soria D) Lake and streambed alteration agreements: exemptions.****Last Amend:** 6/27/2023**Status:** 9/1/2023-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/21/2023)(May be acted upon Jan 2024)**Location:** 9/1/2023-S. 2 YEAR

Summary: Current law prohibits a person, a state or local governmental agency, or a public utility from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or depositing or disposing of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake, unless prescribed requirements are met, including written notification to the Department of Fish and Wildlife regarding the activity. Current law prescribes various requirements for lake and streambed alteration agreements. Current law also establishes various exemptions from these provisions, including exemptions for specified emergency work. This bill would additionally exempt from these provisions the temporary operation of existing infrastructure or temporary pumps being used to divert flood stage flows, as identified by the California Nevada River Forecast Center or the State Water Resources Control Board, or near-flood stage flows, as defined, to groundwater recharge as long as certain conditions are met.

Position:
Watch

AB 1024**(Aguiar-Curry D) Water rights: small irrigation use: lake or streambed alteration agreements.****Last Amend:** 5/18/2023**Status:** 9/1/2023-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/21/2023)(May be acted upon Jan 2024)**Location:** 9/1/2023-S. 2 YEAR

Summary: The Water Rights Permitting Reform Act of 1988 authorizes a person to obtain a right to appropriate water for a small domestic use, small irrigation use, or livestock stockpond use upon first registering the use, as those uses are defined by the act, with the State Water Resources Control Board and thereafter applying the water to reasonable and beneficial use with due diligence. The act requires the registration of water use to be made upon a form prescribed by the board that requires, among other things, a certification that the registrant has contacted a representative of the Department of Fish and Wildlife and has agreed to comply with conditions set forth by the department. The act requires the board to establish reasonable general conditions to which all appropriations made pursuant to the act are required to be subject, including, among other things, that all conditions lawfully required by the department are conditions upon the appropriations. The act provides that the board is not required to adopt general conditions for small irrigation use until the board determines that funds are available for that purpose, and that a registration for small irrigation use pursuant to the act is not authorized until the board establishes general conditions for small irrigation use to protect instream beneficial uses, as specified. This bill would require the board to give priority to adopting, on or before June 30, 2027, except as provided, general conditions that permit specified registrants to store water for small irrigation use during times of high streamflow in exchange for those registrants reducing diversions during periods of low streamflow, as specified.

Position:
Watch

AB 1205**(Bauer-Kahan D) Water rights: sale, transfer, or lease: agricultural lands.****Last Amend:** 7/13/2023**Status:** 9/14/2023-Failed Deadline pursuant to Rule 61(a)(14). (Last location was INACTIVE FILE on 9/11/2023)(May be acted upon Jan 2024)**Location:** 9/14/2023-S. 2 YEAR

Summary: Current law declares that, because of the conditions prevailing in this state, the general welfare requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable, that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of the water is to be exercised with a view to the reasonable and beneficial use of the water in the interest of the people and for the public welfare. This bill would require the State Water Resources Control Board to, on or before January 1, 2027, conduct a study and report to the Legislature and

appropriate policy committees on the existence of speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater right previously put to beneficial use on agricultural lands, as specified. The bill would repeal this provision on January 1, 2031.

Position:
Watch

AB 1272 (Wood D) State Water Resources Control Board: drought planning.

Last Amend: 9/1/2023

Status: 7/1/2024-Ordered to the Assembly. In Assembly. Ordered to Engrossing and Enrolling.

Location: 7/1/2024-A. ENROLLMENT

Summary: Would require the State Water Resources Control Board, in consultation with the Department of Fish and Wildlife, to adopt principles and guidelines for diversion and use of water in coastal watersheds, as specified, during times of water shortage for drought preparedness and climate resiliency. The bill would require that the principles and guidelines allow for the development of locally generated watershed-level plans to support public trust uses, public health and safety, and the human right to water in times of water shortage, among other things. The bill also would require the state board, prior to adopting those principles and guidelines, to allow for public comment and hearing, as provided. The bill would make the implementation of these provisions contingent upon an appropriation of funds by the Legislature for this purpose.

Position:
Watch

AB 1573 (Friedman D) Water conservation: landscape design: model ordinance.

Last Amend: 9/1/2023

Status: 9/14/2023-Failed Deadline pursuant to Rule 61(a)(14). (Last location was INACTIVE FILE on 9/7/2023)(May be acted upon Jan 2024)

Location: 9/14/2023-S. 2 YEAR

Summary: The Water Conservation in Landscaping Act provides for a Model Water Efficient Landscape Ordinance that is adopted and updated at least every 3 years by the Department of Water Resources, unless the department makes a specified finding. Current law requires a local agency to adopt the model ordinance or to adopt a water efficient landscape ordinance that is at least as effective in conserving water as the updated model ordinance, except as specified. Current law specifies the provisions of the updated model ordinance, as provided. Current law includes a related statement of legislative findings and declarations. This bill would require the updated model ordinance to include provisions that require that plants included in a landscape design plan be selected based on their adaptability to climatic, geological, and topographical conditions of the project site, as specified. The bill would also exempt landscaping that is part of a culturally specific project, as defined, ecological restoration projects that do not require a permanent irrigation system, mined-land reclamation projects that do not require a permanent irrigation system, and existing plant collections, as part of botanical gardens and arboreturns open to the public, from the model ordinance. The bill would require the updated model ordinance to include provisions that, among other changes, prohibit the use of traditional overhead sprinklers on all new and rehabilitated landscapes and require that new and rehabilitated landscapes use only water efficient irrigation devices.

Position:
Watch

Notes: ACWA concerns- AB 1573 instead only defines nonfunctional turf.

AB 1820 (Schiavo D) Housing development projects: applications: fees and exactions.

Last Amend: 6/5/2024

Status: 7/3/2024-From committee: Do pass and re-refer to Com. on APPR. (Ayes 9. Noes 0.) (July 2). Re-referred to Com. on APPR.

Location: 7/3/2024-S. APPR.

Calendar: 8/5/2024 10 a.m. - 1021 O Street, Room
2200 SENATE APPROPRIATIONS, CABALLERO, ANNA, Chair

Summary: Current law requires a city or county to deem an applicant for a housing development project to have submitted a preliminary application upon providing specified information about the proposed project to the city or county from which approval for the project is being sought. Current law requires a housing development project be subject only to the ordinances, policies, and standards adopted and in effect when the preliminary application was submitted. This bill would authorize a development proponent that submits a preliminary application for a housing development project to request a preliminary fee and exaction estimate, as defined, and would require a city, county, or city and county to provide the estimate within 30 business days of the submission of the preliminary application. For development fees imposed by an agency other than a city, county, or city and county, the bill would require the development proponent to request the fee schedule from the agency that imposes the fee without delay.

Position:

Watch

Notes: ACWA position- watch.

AB 1851

(Holden D) Drinking water: schoolsites: lead testing pilot program.

Last Amend: 6/3/2024

Status: 7/3/2024-From committee: Do pass and re-refer to Com. on APPR with recommendation: To Consent Calendar. (Ayes 7. Noes 0.) (July 3). Re-referred to Com. on APPR.

Location: 7/3/2024-S. APPR.

Summary: Would require the Superintendent of Public Instruction to establish a pilot program to test for and remediate lead contamination in drinking water at participating local educational agency facilities with plumbing that was installed before January 1, 2010. The bill would require the Superintendent to select no fewer than 6 and no more than 10 local educational agencies for participation in the pilot program and, if a selected local educational agency consents to participate in the pilot program, the bill would require the Superintendent to provide grants to the participating local educational agencies for testing and remediating drinking water lead levels at eligible facilities. If sampling results show lead levels in excess of 5 parts per billion in water at any potable water system outlet, the bill would require a participating local educational agency to notify the parents and guardians of pupils who attend the school of the elevated lead levels, as provided, to take immediate steps to shut down all potable water use at potable water system outlets where excess lead levels may exist, and to ensure that a lead-free source of drinking water is provided for pupils at each potable water system outlet that has been shut down.

Position:

Watch

Notes: ACWA position: watch 2/9/24.

AB 2454

(Lee D) Drinking water: rental property: domestic well testing.

Last Amend: 4/15/2024

Status: 7/3/2024-From committee: Do pass and re-refer to Com. on APPR. (Ayes 5. Noes 0.) (July 3). Re-referred to Com. on APPR.

Location: 7/3/2024-S. APPR.

Summary: The California Safe Drinking Water Act provides for the operation of public water systems and imposes on the State Water Resources Control Board various duties and responsibilities for the regulation and control of drinking water in the State of California. The act requires the state board to adopt primary drinking water standards for contaminants in drinking water based upon specified criteria. Current law makes certain violations of the act a crime. This bill would require an owner of a domestic well that serves a rental property who is provided written notice of a free domestic well testing program, as defined, to participate in the program and its related requirements, as specified. The bill would require an owner of the rental property to provide testing results to all current residents of the rental property, as specified. The bill would require, if the testing demonstrates a violation of any primary drinking water standards, the domestic well owner to ensure that, within 14 days of receiving test results, tenants of rental properties served solely by that domestic well have access to an adequate supply of safe drinking water. The bill would prohibit an owner of a domestic well from imposing any charge, or increasing any fee, rent, or other charge imposed, on any tenant solely as a result of the requirements of these provisions.

Position:
Watch

AB 3121 **(Hart D) Urban retail water suppliers: informational order: written notice: conservation order: water use efficiency standards and water use reporting: dates.**
Last Amend: 6/12/2024
Status: 6/27/2024-From Consent Calendar. Ordered to third reading.
Location: 6/27/2024-S. THIRD READING
Summary: Current law authorizes the State Water Resources Control Board, on and after January 1, 2024, to issue informational orders pertaining to water production, water use, and water conservation to an urban retail water supplier that does not meet its urban water use objective. Current law authorizes the board, on and after January 1, 2025, to issue a written notice to an urban retail water supplier that does not meet its urban water use objective. Current law authorizes the board, on and after January 1, 2026, to issue a conservation order to an urban retail water supplier that does not meet its urban water use objective. This bill would instead provide that the date the board is authorized to issue informational orders is on or after January 1, 2026, the date to issue a written notice is on or after January 1, 2027, and the date to issue a conservation order is on or after January 1, 2028, respectively.

Position:
Watch

ACA 2 **(Alanis R) Water Resiliency Act of 2024.**
Last Amend: 3/6/2024
Status: 3/19/2024-In committee: Set, first hearing. Hearing canceled at the request of author.
Location: 4/20/2023-A. W.,P. & W.
Summary: The California Constitution declares that the general welfare requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable, and that the right to the use of water does not extend to the waste or unreasonable use, method of use, or method of diversion of water. This measure would require the Treasurer to annually transfer an amount equal to 1.5% of all state revenues from the General Fund to the California Water Resiliency Trust Fund, which the measure would create. The measure would continuously appropriate moneys in the fund to the California Water Commission for its actual costs of implementing these provisions and for specified water infrastructure projects.

Position:
Watch

SB 231 **(Hurtado D) Department of Water Resources: water supply forecasting.**
Last Amend: 7/12/2023
Status: 9/1/2023-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/23/2023)(May be acted upon Jan 2024)
Location: 9/1/2023-A. 2 YEAR
Summary: Would require the Department of Water Resources, on or before December 31, 2025, to establish a formal process for annually evaluating and improving the accuracy of its water supply forecasts, adopt a new water supply forecasting model that better addresses the effects of climate change, and implement a formal policy and procedures for documenting its operational plans for the state's water supply and its rationale for its operating procedures. The bill would require the department, by December 1, 2024, to prepare, and submit to the Legislature, a report on its progress toward meeting these requirements.

Position:
Watch

SB 597 **(Glazer D) Building standards: rainwater catchment systems.**
Last Amend: 6/22/2023
Status: 9/1/2023-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 7/12/2023)(May be acted upon Jan 2024)
Location: 9/1/2023-A. 2 YEAR
Summary: Current law makes the California Building Standards Commission responsible for

the publication of an updated edition of the California Building Standards Code every 3 years. This bill would require the department to conduct research and develop recommendations regarding building standards for the installation of rainwater catchment systems in newly constructed residential dwellings and would authorize the department to propose related building standards to the commission for consideration, as specified. The bill would authorize the department to expend moneys from the Building Standards Administration Special Revolving Fund for the above-described purposes, upon appropriation by the Legislature, as specified. The bill would require the department, on or before January 1, 2025, to provide a report to specified committees of the Legislature regarding the outcomes of its research and the recommendations developed.

Position:
Watch

SB 937 (Wiener D) Development projects: permits and other entitlements: fees and charges.

Last Amend: 6/27/2024

Status: 6/27/2024-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/26/2024-A. APPR.

Summary: The Planning and Zoning Law requires each county and each city to adopt a comprehensive, long-term general plan for its physical development, and the development of specified land outside its boundaries, that includes, among other mandatory elements, a housing element. The Permit Streamlining Act, among other things, requires a public agency that is the lead agency for a development project to approve or disapprove that project within specified time periods. Current law extended by 18 months the period for the expiration, effectuation, or utilization of a housing entitlement, as defined, that was issued before, and was in effect on, March 4, 2020, and that would expire before December 31, 2021, except as specified. Current law provides that if the state or a local agency extended the otherwise applicable time for the expiration, effectuation, or utilization of a housing entitlement for not less than 18 months, as specified, that housing entitlement would not be extended an additional 18 months pursuant to these provisions. This bill would extend by 24 months the period for the expiration, effectuation, or utilization of a housing entitlement for a priority designated residential development project, as those terms are defined, that was issued before January 1, 2024, and that will expire before December 31, 2025, except as specified. The bill would toll this 24-month extension during any time that the housing entitlement is the subject of a legal challenge.

Position:
Watch

Notes: ACWA position- OUA 3.13.24. Amendments, ACWA analysis suggested a watch/neutral position 4/11/24, position changed on 4/20/24 per Melody.

SB 1110 (Ashby D) Water reports: urban retail water suppliers: informational order: conservation order.

Last Amend: 6/26/2024

Status: 6/26/2024-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/25/2024-A. APPR.

Summary: Current law authorizes the State Water Resources Control Board, on and after January 1, 2024, to issue informational orders pertaining to water production, water use, and water conservation to an urban retail water supplier that does not meet its urban water use objective, as provided. Current law authorizes the board, on and after January 1, 2025, to issue a written notice to an urban retail water supplier that does not meet its urban water use objective. Current law authorizes the board, on and after January 1, 2026, to issue a conservation order to an urban retail water supplier that does not meet its urban water use objective. This bill would instead authorize the board to issue the informational orders on and after January 1, 2026, the written notice on and after January 1, 2027, and the conservation order on and after January 1, 2028.

Position:
Watch

Notes: ACWA position: favor 3/22/24.

SB 1147**(Portantino D) Drinking water: bottled water: microplastics levels.****Last Amend:** 6/19/2024**Status:** 6/26/2024-From committee: Do pass and re-refer to Com. on APPR. (Ayes 6. Noes 0.) (June 25). Re-referred to Com. on APPR.**Location:** 6/26/2024-A. APPR.

Summary: The Sherman Food, Drug, and Cosmetic Law, regulates, among other things, the manufacture, production, processing, and packing of any food, drug, device, or cosmetic, and is administered by the State Department of Public Health. The law prescribes various quality and labeling standards for bottled water and vended water, and limits the levels of certain contaminants that may be contained in those water products. Current law makes a violation of the law or regulation adopted pursuant to the law a crime. Existing law requires, as a condition of licensure, a water-bottling plant, as defined, to annually prepare a water-bottling plant report, as specified, and to make the report available to each customer, upon request. This bill would require, in the event that the State Water Resources Control Board adopts a primary drinking water standard for microplastics, and upon adoption of that standard, any water-bottling plant that produces bottled water that is sold in this state to provide the State Department of Public Health's Food and Drug Branch an annual report on the levels of microplastics found in the source water used for bottling and in the final bottled water product that is offered for sale, as provided. The bill would require this report to be included with the annual water-bottling plant report and, upon request, be made available to each consumer. By expanding requirements on water-bottling plants, the violation of which would be a crime, the bill would impose a state-mandated local program.

Position:

Watch

Notes: ACWA position: oppose unless amended 3/1/24.**SB 1156****(Hurtado D) Groundwater sustainability agencies: conflicts of interest: financial interest disclosures.****Last Amend:** 6/18/2024**Status:** 6/26/2024-Coauthors revised. From committee: Do pass and re-refer to Com. on APPR. (Ayes 8. Noes 0.) (June 26). Re-referred to Com. on APPR.**Location:** 6/26/2024-A. APPR.

Summary: The Political Reform Act of 1974 prohibits a public official from making, participating in making, or attempting to use their official position to influence a governmental decision in which they know or have reason to know that they have a financial interest, as defined. The act requires specified public officials, including elected state officers, judges and court commissioners, members of certain boards and commissions, other state and local public officials, and candidates for these positions to file statements of economic interests, annually and at other specified times, that disclose their investments, interests in real property, income, and business positions. The Fair Political Practices Commission is the filing officer for such statements filed by statewide elected officers and candidates and other specified public officials. This bill would require members of the board of directors and the executive, as defined, of a groundwater sustainability agency to file statements of economic interests, according to the filing requirements described above, with the Fair Political Practices Commission using the Commission's online system for filing statements of economic interests.

Position:

Watch

Notes: ACWA position: watch/amend 3/22/24.**SB 1178****(Padilla D) California Water Quality and Public Health Protection Act.****Last Amend:** 6/17/2024**Status:** 6/26/2024-From committee: Do pass and re-refer to Com. on APPR. (Ayes 5. Noes 2.) (June 25). Re-referred to Com. on APPR.**Location:** 6/26/2024-A. APPR.

Summary: Under current law, the State Water Resources Control Board and the 9 California regional water quality control boards regulate water quality and prescribe waste discharge requirements in accordance with the federal national pollutant discharge elimination system permit program established by the federal Clean Water Act and the Porter-Cologne Water Quality Control Act. This bill would require the board to, on or before August 1, 2025, establish regulations governing annual reporting by compliance entities, as defined, regarding waste discharges, as provided. The bill would require compliance entities to submit a report to

the board by June 1, 2026, and annually thereafter on waste discharges and their locations, as provided. The bill would require, within 3 months of reporting to the board waste discharges that affect the quality of the water of the state within any region, any nonexempt compliance entity to prominently label any product sold in California whose production resulted in waste discharge contaminating California's water quality with a warning label, as specified. The bill would authorize the board to adopt regulations to seek administrative penalties for nonfiling, late filing, or other failures to meet the requirements of these provisions, and would require these penalties to be deposited into the California Water Quality and Public Health Impact Fund, which the bill would create.

Position:
Watch

SB 1210 (Skinner D) New housing construction: electrical, gas, sewer, and water service: service connection information.

Last Amend: 6/24/2024

Status: 6/26/2024-From committee: Do pass and re-refer to Com. on APPR. (Ayes 6. Noes 0.) (June 26). Re-referred to Com. on APPR.

Location: 6/26/2024-A. APPR.

Summary: Current law vests the Public Utilities Commission with regulatory authority over public utilities, including electrical corporations, gas corporations, sewer system corporations, and water corporations, while local publicly owned utilities, including municipal utility districts, public utility districts, and irrigation districts, are under the direction of their governing boards. This bill would, for new housing construction, require the above-described utilities, on or before January 1, 2026, to publicly post on their internet websites (1) the schedule of estimated fees for typical service connections for each housing development type, including, but not limited to, accessory dwelling unit, mixed-use, multifamily, and single-family developments, except as specified, and (2) the estimated timeframes for completing typical service connections needed for each housing development type, as specified. The bill would exempt from its provisions a utility with fewer than 4,000 service connections that does not establish or maintain an internet website due to a hardship and would authorize the utility to establish that a hardship exists by annually adopting a resolution that includes detailed findings, as provided.

Position:
Watch

Notes: ACWA position- oppose 3.13.24. Removed opposition on 4/20/24.

SB 1360 (Alvarado-Gil D) Water quality: state board certification.

Last Amend: 3/18/2024

Status: 3/18/2024-From committee with author's amendments. Read second time and amended. Re-referred to Com. on RLS.

Location: 2/16/2024-S. RLS.

Summary: The Porter-Cologne Water Quality Control Act authorizes the State Water Resources Control Board to certify or provide a statement to a federal agency, as required pursuant to federal law, that there is reasonable assurance that an activity of any person subject to the jurisdiction of the state board will not reduce water quality below applicable standards. The federal act provides that if a state fails or refuses to act on a request for this certification within a reasonable period of time, which shall not exceed one year after receipt of the request, then the state certification requirements are waived with respect to the federal application. Current law authorizes the state board to issue the certificate or statement before completion of the required environmental review if the state board determines that waiting until completion of that environmental review to issue the certificate or statement poses a substantial risk of waiver of the state board's certification authority under the Federal Water Pollution Control Act or any other federal water quality control law, as provided. This bill would require the state board to issue the certificate or statement before completion of the required environmental review if the state board and Governor's Office of Business and Economic Development, in consultation with an applicant, jointly determine that the applicant's project will help the state meet its clean energy goals and increase electric reliability and waiting until completion of that environmental review to issue the certificate or statement poses a risk to the applicant of not being eligible for federal tax credits or incentives, as provided.

Position:
Watch

SB 1467 (Rubio D) California Water District Law.

Status: 2/29/2024-Referred to Com. on RLS.

Location: 2/16/2024-S. RLS.

Summary: The California Water District Law (CWDL) provides for the establishment of water districts, and grants a district the power to acquire, plan, construct, maintain, improve, operate, and keep in repair the necessary works for the production, storage, transmission, and distribution of water for irrigation, domestic, industrial, and municipal purposes. This bill would make a nonsubstantive change to the latter authorization.

Position:
Watch

Total Measures: 33

Total Tracking Forms: 33

Memo

G, H

To: Olivenhain Municipal Water District Board of Directors

Subject: INFORMATIONAL REPORTS

TWELVE MONTH CALENDAR / OTHER MEETINGS /

REPORTS / BOARD COMMENTS

Any report will be oral at the time of the Board meeting. Please refer to the TWELVE MONTH Calendar (attached) for meetings attended.

TWELVE MONTH CALENDAR OF EVENTS (AS OF 7/9/24)

Date(s)	Event	Time	Location	Attending Board Member(s)	Additional Information (Speakers' Topic, Cohosts, etc.)
<u>JUNE 2024</u>					
20-Jun	Meeting with the General Manager RE: SDCWA Board Packet	11:00 AM		Meyers	
<u>JULY 2024</u>					
8-Jul	Meeting with the General Manager RE: CWA			Meyers	
9-Jul	Conference Call with the General Manager RE: OMWD Issues			Guerin	
16-Jul	COWU Luncheon	11:30 AM - 1:00 PM	The Butcher Shop	Meyers	
16-Jul	Board Meeting Pre-Briefing			Guerin	

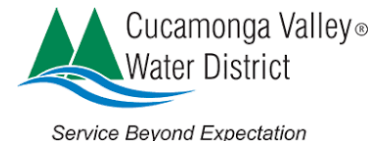
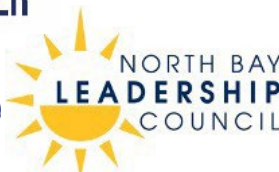
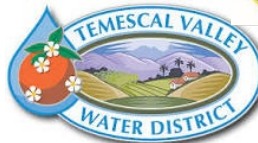
Memo

To: Olivenhain Municipal Water District Board of Directors

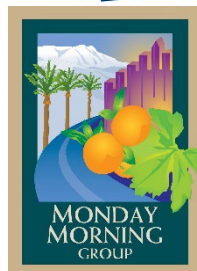
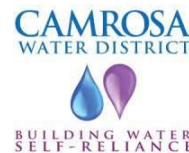
Subject: INFORMATIONAL REPORTS

CORRESPONDENCE

Any correspondence is attached.



PACIFIC COAST
RENDERERS ASSOCIATION





Southern California
Rental Housing Association



June 3, 2024

The Honorable Diane Papan
Assembly Water, Parks and Wildlife Committee
1020 N Street, Room 160
Sacramento, CA 95814

Re: SB 366 (Caballero) The California Water Plan: long term water supply targets – **SUPPORT**

Dear Chair Papan,

The co-sponsors of SB 366, California Municipal Utilities Association, California State Association of Counties and California Council for Environmental and Economic Balance, and the coalition of organizations above, are pleased to support SB 366.

There is an urgent need for California to develop aspirational targets that will complement and amplify Governor Newsom's Water Supply Strategy and extend beyond any single Administration. Given the extreme climate impacts of the 21st century, an expanding economy, a growing population, the anticipated reductions from existing water resources, and the controls on the use of groundwater, California needs to align the state's water supply strategy and policies with a target that will result in an adequate and reliable water supply for all beneficial uses including the environment, agriculture, the economy and all Californians.

SB 366 will bring the fundamental changes that are necessary to ensure a sustainable water future. SB 366 will do the following:

- Transform water management in California taking us from a perpetual state of supply vulnerability to a reliable and sufficient water supply that is adequate for all beneficial uses.
- Create a new "North Star" water supply planning target for 2040 that the state will need to work toward along with a process to develop a target for 2050.
- Preserve the California way of life, supplying water to our homes and communities, habitat and environment, recreation and tourism, and business and economic success.
- Support economic vitality for all businesses, from restaurants to technology companies, and employers that depend on a reliable water supply.

- Fulfill the generational responsibility to develop a water system that will adapt to changes in the environment and allow the state to thrive now and for future generations.

SB 366 works within the structure of the current California Water Plan, which hasn't been meaningfully updated for decades, and updates it for a 21st century climate.

For these reasons we urge your support for SB 366. If you have any questions about our position, please contact Danielle Blacet-Hyden with CMUA at dblacet@cmua.org or 916-847-8444.

Sincerely,

Debbie Murdock
Executive Director
Association of California Egg Farmers

Dan Dunmoyer
President and CEO
California Building Industry Association

Julia Bishop Hall
Senior Legislative Advocate
Association of California Water Agencies

Brenda Bass
Policy Advocate
California Chamber of Commerce

Adrian Covert
Senior VP, Public Policy
Bay Area Council

Roger Isom
President/CEO
California Cotton Ginners and Growers Assoc.

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General Manager
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Senior Policy Advocate
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Daniel Hartwig
President
California Fresh Fruit Association

Todd W. Sanders
Executive Director
California Apple Commission

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President/CEO
California Grain and Feed Association

Claudia Carter
Executive Director
California Association of Wheat Growers

Lance Hastings
President & CEO
California Manufacturers & Technology Assoc.

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President
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Jane Townsend
Executive Director
California Bean Shippers Association

Danielle Blacet-Hyden
Deputy Executive Director
California Municipal Utilities Association

Chris Zanobini
Executive Director
California Pear Growers Association

Todd Sanders
Executive Director
California Blueberry Association

Chris Zanobini
Executive Vice-President
California Seed Association

Neil McCormick
CEO
California Special Districts Association

Graham Knaus
Executive Director
California State Association of Counties

Ann Quinn
Executive Vice President
California State Floral Association

Robert Verloop
Executive Director/CEO
California Walnuts

Ann Quinn
Executive Vice President
California Warehouse Association

Sharron Zoller
President
California Women for Agriculture

Dan Drugan
Manager of Resources and Public Affairs
Calleguas Municipal Water District

Tom Moody
General Manager
City of Corona

Patricia Lock Dawson
Mayor
City of Riverside

Elizabeth Espinosa
County of Riverside

J. M. Barrett
General Manager
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John Bosler, P.E.
General Manager and CEO
Cucamonga Valley Water District

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President & CEO
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Jim Abercrombie
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El Dorado Irrigation District

Greg Thomas
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Folsom Chamber of Commerce

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Christopher Valdez
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Matt Hurley
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McMullin Area Groundwater Sustainability
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Manager
Milk Producers Council

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General Manager
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Justin Scott-Coe
General Manager
Monte Vista Water District

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ACE/ President/CEO
Murrieta/Wildomar Chamber of Commerce

John Kabateck
State Director
National Federation of Independent Business

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North Bay Leadership Council

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Executive Director
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Todd Sanders
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Pacific Coast Renderers Association

Debbie Murdock
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Pacific Egg and Poultry Association

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General Manager
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Jason Martin
Interim General Manager
Rancho California Water District

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Executive Director
Rebuild So-Cal Partnership

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Amanda Blackwood
President & CEO
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Heather Dyer
General Manager
San Bernardino Valley Municipal Water District

Paul Helliker
General Manager
San Juan Water District

Matt Stone
General Manager
Santa Clarita Valley Water District

Chris Lee
General Manager
Solano County Water Agency

Peter M. Rietkerk
General Manager
South San Joaquin Irrigation District

Eric McLeod
Chair
Southwest California Legislative Council

Justin M. Hopkins
General Manager
Stockton East Water District

Jeff R. Pape
General Manager
Temescal Valley Water District

Matthew Litchfield
General Manager
Three Valleys Municipal Water District

Fernando Paludi
General Manager
Trabuco Canyon Water District

Michelle Reimers
General Manager
Turlock Irrigation District

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United Ag

Vince Gin, P.E.
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Elizabeth Howard Espinosa
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P.E. General Manager
Walnut Valley Water District

E.J. Caldwell
Acting General Manager
West Basin Municipal Water District

Valerie Pryor
General Manager
Zone 7 Water Agency

Roger Isom
President/CEO
Western Agricultural Processors Association

Dave Puglia
President & CEO
Western Growers

Sharon Haligan
Director, Administrative Services
Western Plant Health

Craig Miller
General Manager
Western Water

Norman Huff
General Manager
Camrosa Water District

Chris Berch
General Manager
Jurupa Community Services District

Brian R. Laddusaw
General Manager
Rubidoux Community Services District

James Prior
General Manager
San Gabriel County Water District

Jeff Mosher
General Manager
Santa Ana Watershed Project Authority

Jose Martinez
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Valley County Water District

John Thiel
General Manager
West Valley Water District

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BizFed Los Angeles County

Amber Bolden
Director of Communications
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Building Industry Assoc. of Southern CA

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Interim General Manager
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California Business Roundtable

Greg Johnson
President
California Farm Water Coalition

Julian Canete
President and CEO
California Hispanic Chambers of Commerce

Jennifer Capitolo
Executive Director
California Water Association

Sheri Merrick
Executive Director
Citrus Heights Chamber of Commerce

Jeremy Smith
Council Member
City of Canyon Lake
Joe Males
Mayor
City of Hemet

Natasha Johnson
Council Member
City of Lake Elsinore

Chris Barajas
Council Member
City of Jurupa Valley

Dr. Lisa DeForest
Mayor Pro Tem
City of Murrieta

Paul Leon
Mayor
City of Ontario

Daniel E. Garcia
Interim General Manager
City of Riverside Public Utilities

Dominick Casey
City Manager
City of Roseville

Connie Stopher
Executive Director
Economic Development Coalition

Ana Martin
Governmental Affairs Manager
Greater Riverside Chambers of Commerce

Eric Keen
Chairman of Board of Directors
HDR Engineering

Jack Monger
CEO
Industrial Environmental Association

Wes Andree
Executive Director
Jurupa Mountain Discovery Center

Ana Martin
Staff Liaison
Monday Morning Group of Riverside

Judi Penman
President & CEO
San Bernardino Area Chamber of Commerce

Luis Portillo
President & CEO
San Gabriel Valley Economic Partnership

Aziz Amiri
CEO
San Gabriel Valley Regional Chamber of Commerce

Adam Ruiz
Governmental Affairs Director
SRCAR

Molly Kirkland
Director of Public Affairs
Southern CA Rental Housing Association

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Water Replenishment District

Steve Johnson
General Manager
Desert Water Agency

Erik Hitchman
Administrative Office
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Legislative Affairs Lobbyist
League of California Cities

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General Manager
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Steven Haugen
Watermaster
Kings River Water Association

Jennifer Pierre
General Manager
State Water Contractors

Kat Wuelfing
General Manager
Mid-Peninsula Water District

Nicole Stanfield
Public Information Officer
Santa Margarita Water District

Harvey De La Torre
General Manager
Municipal Water District of Orange County

Charles Wilson
Executive Director
Southern California Water Coalition

Glenn Farrel
Executive Director
CalDesal

Casey Creamer
President
California Citrus Mutual

Tricia Geringer
Vice President of Government Affairs
Agricultural Council of California

John Urdi
Executive Director
Mammoth Lakes Tourism

Lacy Schoen
President/CEO
Brea Chamber of Commerce

Gina Molinaro-Cardera
Board Supervisor
Dublin Chamber of Commerce

Jim Piefer
Executive Director
Regional Water Authority

SUPPORT

**AB 2257 (Wilson): Local government: property-related water and sewer fees
and assessments: remedies**



June 24, 2024

The Honorable Maria Elena Durazo
Chair, Senate Committee on Local Government
State Capitol, Room 407
Sacramento, CA 95814

RE: AB 2257 (Wilson) – Local government: property-related water and sewer fees and assessments: remedies
Position: SUPPORT

Dear Chair Durazo:

The Association of California Water Agencies (ACWA) and undersigned coalition of public agencies, associations, environmental and labor groups write to express our strong support for AB 2257, which would authorize public agencies to adopt procedures for the submittal and consideration of public comments regarding proposed water and sewer rates and assessments. The optional process proposed in this bill would facilitate dialogue and transparency between public agencies and their ratepayers and give agencies an opportunity to resolve concerns during the ratemaking process.

Public water and sewer agencies provide essential government services for the benefit of communities, agriculture, industries, and the environment. These agencies are responsible for ensuring a consistent and reliable water supply, safeguarding the quality of drinking water, planning, constructing, and maintaining critical infrastructure, and much more. With climate change presenting unprecedented challenges, these agencies also must adapt and enhance aging infrastructure to mitigate the impacts of increasingly frequent and severe climate-related events. Public agencies throughout California are making generational investments to build 21st Century infrastructure for a 21st Century climate.

The revenue necessary for public agencies to fulfill their essential government functions and adapt to a changing climate predominantly comes from service rates and assessments. While these agencies require financial stability to meet ever increasing demands, a rise in Proposition 218 litigation is making it increasingly difficult to ensure agencies can pass fair and reasonable rates to cover the costs of operations and investments.

Oftentimes, these suits are filed without first having raised concerns with the public agency during the public notice-and-comment process leading up to the decision to adopt rates or assessment. When litigants avoid raising concerns with proposed rates or assessments during the ratemaking process, the public agencies cannot endeavor to resolve the dispute and avoid litigation. The financial consequences of these lawsuits can be severe, as it is not uncommon for litigants to seek tens of millions of dollars in damages. Surprise lawsuits have the potential to undermine an agency's ability to maintain stable budgets necessary to operate effectively.

AB 2257 would build upon Proposition 218's existing procedural requirements by creating an exhaustion of administrative remedies procedure, that, if a public agency elected to follow, would require the timely submittal of written objections during an agency's ratemaking process. Ratepayers would be required to state the particular Proposition 218 compliance concern, and public agencies would be required to provide to their board and the public with written responses to each comment received prior to acting on the proposed rate or assessment. Ratepayers would be required to participate in this process in order to challenge the agency's adopted rates or assessments in court.

With a greater understanding of potential concerns and the agency's responses, the agency's board would have the opportunity to abandon its ratemaking/assessment proposal, change it (reduce it), or to better explain why it complies with Proposition 218's substantive limitations, before having to defend it in litigation. Additionally, if a public agency complies with the exhaustion procedures, the bill would specify documents that would be included in the administrative record, subject to certain exceptions, in the event of litigation.

AB 2257 would bolster the financial stability of public water and sewer agencies by creating a clear and robust public process that facilitates dialogue, transparency, and the opportunity to resolve issues and avoid costly litigation. Codifying a procedure that requires issue exhaustion in Proposition 218 litigation would protect both legislative and adjudicative functions by allowing a legislative body to hear the evidence, apply its reasoned discretion and expertise, and create an administrative record to facilitate judicial review. This would also foster better-informed administrative decisions, which benefit the objector, the public agency, and members of the public within the public agency's jurisdiction. This is especially valuable in ratemaking cases in which evidence and policies are highly technical. It would also help agencies develop more defensible rates and build rapport and trust with their ratepayers.

For the reasons above, ACWA and undersigned organizations strongly support AB 2257 and respectfully request your "AYE" vote when the bill is heard in the Senate Local Government Committee. If you have any questions about our position or this bill, please contact ACWA Senior State Relations Advocate, Kristopher Anderson, at KrisA@acwa.com or (916) 441-4545.

Sincerely,

Kristopher M. Anderson, Esq.
Senior State Relations Advocate
Association of California Water Agencies

Michael Quigley
Executive Director
California Alliance For Jobs

Chad Wegley
General Manager
Alta Irrigation District

Jessica Gauger
Director of Legislative Advocacy & Public Affairs
California Association of Sanitation Agencies

Larry B. McKenney
General Manager
Amador Water Agency

Danielle Blacet-Hyden
Deputy Executive Director
California Municipal Utilities Association

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Calleguas Municipal Water District

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Director of Strategic Affairs
Placer County Water Agency

Trent Taylor
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Carlos Quintero
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Sweetwater Authority

Sean Barclay
General Manager
Tahoe City Public Utility District

Matthew Litchfield
General Manager
Three Valleys Municipal Water District

Deanna Jackson
Executive Director
Tri-County Water Authority

Don Perkins
General Manager
Tuolumne Utilities District

Gary Arant
General Manager
Valley Center Municipal Water District

Jessica Self
General Manager
Union Public Utility District

Erik Hitchman
General Manager
Walnut Valley Water District

Mark Tomko
General Manager
Vallejo Flood and Wastewater District

Craig D. Miller, P.E.
General Manager
Western Municipal Water District

cc: The Honorable Lori Wilson
Honorable Members, Senate Committee on Local Government
Jonathan Peterson, Consultant, Senate Committee on Local Government
Ryan Eisberg, Policy Consultant, Senate Republican Caucus

Board of Directors
Christy Guerin, President
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Neal Meyers, Treasurer
Lawrence A. Watt, Secretary
Marco San Antonio, Director



General Manager
Kimberly A. Thorner, Esq.
General Counsel
Alfred Smith, Esq.

June 28, 2024

State Water Resources Control Board
1001 I Street, 24th Floor
Sacramento, CA 95814
VIA EMAIL: commentletters@waterboards.ca.gov

Re: Comment Letter – Proposed Making Conservation a California Way of Life Regulations

Dear Clerk of the Board,

Olivenhain Municipal Water District appreciates the opportunity to submit comments to the State Water Resources Control Board on the proposed Regulatory Framework for Making Conservation a California Way of Life. OMWD provides 87,000 customers in northern San Diego County with water, wastewater, recycled water, hydroelectric, and recreational services.

OMWD has been and continues to be committed to water stewardship and water use efficiency. Over the past several decades, OMWD and water agencies statewide have developed and successfully implemented water use efficiency programs in partnership with our customers. As a result of these continuous statewide actions, the total amount of urban use water is roughly the same level as in 1990, despite a 30 percent increase in population (per the Legislative Analyst's Office January 2024 Report).

As stated in our previous letters, OMWD supports many of the changes already made to the proposed regulation to address the feasibility, cost, and flexibility concerns we expressed with the previous version. Thank you again for considering our comments and acknowledging the considerable time invested by stakeholders in the regulation development process. However, the proposed regulations still include several areas of concern that we would like to bring to the attention of SWRCB.

Despite the updates made to the draft regulations, we have continued concerns with areas where SWRCB's proposed regulations contrast with the recommendations made by the Department of Water Resources. It should be noted that DWR's recommendations are a direct result of years of extensive analysis, workshop collaboration, and thorough discussion with hundreds of subject matter experts representing policymakers, retail water agencies, environmental groups, businesses, SWRCB, and the public. Disregarding the countless hours of collaboration among these experts in favor of arbitrary decision-making is irresponsible and condescending. Further, it conflicts with the intent of the legislation. AB 1668 (2018) requires "the department, in coordination with the board, to conduct necessary studies and investigations and make recommendations, no later than October 1, 2021, for purposes of these standards and performance measures." Proposing standards more stringent than those required by law is needlessly authoritarian.



The Legislative Analyst's Office corroborated these concerns in a January 2024 report that was very critical of the proposed regulation. It summarized that implementation would create challenges for water suppliers in many ways and, in many cases, without justification. The report noted the overly complex measures suppliers must impose on commercial customers and the significant burden it would generate. The excessive costs to implement the new measures were estimated to be in the low tens of billions of dollars through 2040 and will be borne primarily by local public agencies and their ratepayers. The report cited that, even if the benefits of the regulations ultimately outweigh the costs, the amount of work and cost to implement as currently proposed makes the justification uncertain. Finally, the report noted that, to cover the added costs and to offset the potential revenue reductions from selling less water, water suppliers will likely have to increase rates, therefore exacerbating the water affordability crisis and disproportionately affecting lower-income Californians.

Below are OMWD's specific remaining concerns, including the potential adverse impacts on our customers:

Unrealistic Landscape Efficiency Factor: The proposed regulations still disregard DWR's recommendation to set the landscape efficiency standard at 0.63 in 2030 and beyond. The proposed regulation reflects an efficiency standard that decreases to 0.55 in 2040, without any reasonable basis. The 2018 legislation states that the landscape efficiency factor values should reflect a factor that allows for "the amount of water necessary to efficiently irrigate both new and existing landscapes" (Water Code §10609.9). The proposed regulation's landscape efficiency factor is too low to irrigate and maintain healthy new and existing landscapes within the region, introducing a conflict with Water Code §10609.9. The proposed standards reflect design standards that are not based on, or reflective of, actual irrigation efficiency. The proposed 2040 standard of 0.55 would not provide adequate water supplies to existing landscapes. Over time, irrigation systems naturally degrade and become less efficient. Assuming a system continually operates at a design standard is not practical. The 0.55 landscape efficiency standard may be theoretically appropriate for new development; however, it does not properly account for existing landscapes and will place a financial burden on customers to convert significant portions of landscaping. Further, OMWD is also concerned that if the landscape efficiency factor reduces to 0.55, the burden will disproportionately impact low-income and fixed-income customers.

Inclusion of Irrigable Non-Irrigated Landscape Area Allowance: Thank you again for partly addressing OMWD's concerns by including the 20 percent irrigable non-irrigated landscape area budget permanently. However, as previously stated, an automatic 20 percent allowance without further studies is insufficient and conflicts with the recommendation by DWR. DWR's recommendation to SWRCB was to change the INI allowance based on the outcome of further studies to be conducted by DWR and SWRCB, and not without any empirical support. OMWD continues to strongly encourage SWRCB to prioritize further research studies, as recommended by DWR, to substantiate an appropriate INI allowance through empirical data. As a reminder, this proposed regulation is inconsistent with codified law through SB 606 and AB 1668, which require all irrigable landscapes to be included in urban water use efficiency standards and conservation measures.

New Tree Provisions are Overly Burdensome: As stated before, though OMWD appreciates the intent of adding the variance category of "existing residential trees" to decrease urban heat and reduce turf water

use by planting trees, the proposed regulations are complicated and burdensome. Notably, the start date for this variance type coincides with the aggressive landscape efficiency factor of 0.55 in 2040. Allowing this variance type no sooner than 2040 fails to address the needs of existing trees now. Furthermore, in order to take advantage of the variance, water agencies would first have to demonstrate that they cannot meet their water use objective by other means of conservation. The additional requirement positions this variance as a final safety net, which may cause compliance challenges if an agency does not initiate analysis until all other efforts are uncovered. Additionally, conducting a comprehensive inventory and analysis of existing trees—including species identification and measurement of tree diameter for at least 10 percent of the trees or a statistically valid sample—is extremely burdensome. The tree provisions for the variance require significant resources, including the hiring or consulting of certified urban foresters. The regulation also requires extensive documentation, including annual reports, urban forest management plans, and evidence of efforts to convert high-water use landscapes. As proposed, OMWD is concerned about creating further administrative and financial burdens through the addition of the new tree provisions.

Incongruencies Amongst Report Timeframes: The proposed regulations still indicate that Urban Water Use Objective reporting will be conducted on a state fiscal year basis (July 1 through June 30). Metrics utilized in the Urban Water Use Objective calculations are taken from previously submitted reports (eARs, MWELO, etc.) that are based on the calendar year. Therefore, the requirement to incorporate metrics from previously submitted reports and compare with water use from July 1 through June 30 unnecessarily complicates the Urban Water Use Objective analysis. Switching audit reporting timesteps is costly and compromises data integrity.

Administratively Burdensome Reporting Requirements: To reiterate, California Water Code §10609(c)(4) specifies that the state must “identify opportunities for streamlined reporting, eliminate redundant data submissions, and incentivize open access to data collected by urban and agricultural water suppliers.” However, with the implementation of each additional reporting requirement, necessary departmental coordination, data collection, supplemental staffing or professional services support, and the myriad of associated costs, OMWD’s already-taxed resources will be even further depleted. Staff time spent on exhaustive, precise, and duplicative reporting will not result in additional water savings. The cumulative administrative burden upon water agencies to manage reporting compliance will inevitably have a financial impact, leading to upward pressure on future water rates. This will further aggravate the statewide water affordability crisis. To comply with existing state law, OMWD requests SWRCB prioritize the reduction of duplicative reporting and reduce reporting burdens associated with proposed regulations.

Inadequate Variance Threshold: Again, while we appreciate the changes to focus the threshold on only the associated standard and not the sum of the budgets, we still disagree with the threshold of 5 percent for an urban retail water supplier to be able to incorporate one of the available variances. Water suppliers should be able to apply for any of the available variances if they meet the required conditions irrespective of what volume of water applies to said objective. This would be particularly relevant during the initial reporting years when water agencies may struggle to meet the unknown objectives and even small variances might alleviate significant penalties. Further, the efforts required for an urban water supplier to calculate each variance amount are not insignificant. It is likely that an urban water supplier will self-determine which variance to apply for, based on considerations such as amount of the staff time and expected cost to calculate the variance, the expected amount of variance, and whether the supplier is

close to exceeding its water use objective. For example, the variances for livestock, evaporative coolers, emergencies, dust control, and ponds are not likely to represent a significant amount of water individually. The cost/benefit is high enough that OMWD would not likely apply for these variances, even without the 5 percent threshold requirement, if not needed. However, if OMWD determines it is exceeding its budget, every acre-foot matters, and being able to include any amount of variance will assist with meeting the water use objective. Despite the update to associate the required threshold with only the affiliated standard, OMWD still requests that the 5 percent threshold be removed entirely.

Disclosable Buildings Within Service Area – Unreasonable Effective Date: Despite the SWRCB providing the method by which to obtain information about disclosable buildings within our service area, adequate time was not allocated to gather the data on all disclosable buildings within our 48-square-mile service area. This requires a significant administrative and field effort which involves extensive verification, coordination, and time. The proposal to meet this request by June 30, 2024, before it is expected to be adopted by SWRCB, is not acceptable. Asking water agencies to adhere to regulations before they are fully adopted, or on the day they become effective, is illogical and SWRCB should provide a reasonable timeline to allow agencies to acquire and report on the required information.

Net ETo Not Adequate for Geographically Diverse Water Districts: The method to determine the Net ETo does not adequately account for districts with multiple evapotranspiration zones. OMWD covers 48 square miles and includes coastal zones, inland valleys, and semi-arid deserts. Additionally, population density is not evenly distributed throughout district boundaries and property sizes (and associated irrigable areas) vary significantly. OMWD asks that the highest Net ETo to fall within district boundaries be used in the calculation of the outdoor standard for residential landscapes and landscapes with a dedicated irrigation meter.

Expand List of Special Landscape Areas: Additional types of landscapes should include (but are not limited to) bioswales, retention areas, fire defense zones, etc. Further, the ask of water suppliers to quantify the measured total square footage of the irrigated area of CII landscapes with Dedicated Irrigation Meters is not practical and overly burdensome. SWRCB should provide these measurements to water suppliers similar to the requirement for residential areas.

Counterproductive Livestock Variance Definition: As mentioned before, this variance is defined as the lesser of what is specified in the proposed regulations or the amount listed in §697; this is counterproductive and was not recommended by DWR. §697 should not be used in determining the variance amount. For example, the proposed variance for medium-sized livestock is 8 gallons per day. §697 allows just 1.5 and 2.5 gallons for most medium-sized animals. However, §697 also allows for 35 gallons per day per head for hosing out a dairy barn. OMWD requests that reference to §697 be deleted, or alternatively, that the 35 gallons per day per head for hosing out dairy barns be added to the proposed variances.

Thank you again for considering our repeated concerns. If you or your staff should need any additional details pertaining to this assessment, please do not hesitate to contact me at 760-753-6466 or kthorner@olivenhain.com.

Regards,



Kimberly A. Thorner
General Manager

CC: California Special Districts Association [via email: advocacy@csla.net]
Jennifer Capitolo [via email: jmcapitolo@gmail.com]
Association of California Water Agencies [via email: chelseah@acwa.com]
Governor Gavin Newsom [via email: gavin.newsom@gov.ca.gov]



June 28, 2024

The Honorable Buffy Wicks
 Chair, Assembly Appropriations Committee
 1021 O Street, Suite 8220
 Sacramento, California 95814

RE: SB 1218 (Newman): Emergency Water Supplies - Support

Dear Chair Wicks:

We, the undersigned coalition of statewide associations, cities, water suppliers, business organizations, and regional stakeholders, are writing to express our support for SB 1218

(Newman), which would enact a state policy to encourage greater investment in and development of emergency water supplies across the state.

California has always had a climate that cycles between periods of large amounts of precipitation and times of drought. With climate change, however, we are experiencing greater weather whiplash. As the state sees more rainfall and less snow, earlier snowmelt, more intense rain events, aridification, and increasingly more frequent droughts, the state should support every responsible tool to enhance water resilience.

While adherence to feasible water use efficiency standards will continue to play an important role in the face of climate change, water resilience for the future will also require California to maximize various innovative approaches to ensure sufficient water for the state's ecosystem, urban, and agriculture needs in times of shortage.

The development of emergency water supplies— a water supply that has been developed by a water supplier to enhance its water supply reliability during times of drought or unplanned service or supply disruption, and is a supply in addition to the baseline water supplies that the agency draws upon during non-shortage times to meet water demands within its service area— is one tool that can aid the state in mitigating the impacts of more frequent droughts. Unfortunately, few water suppliers have made the investment in emergency supplies because the state has not formally recognized them.

SB 1218 seeks to remedy this by enacting a policy in the Water Code that recognizes emergency water supplies, encourages their development, and supports their use during times of drought or unplanned service or supply disruption. Importantly, SB 1218, as amended, clarifies that there will be no fiscal impact and the state will not be obligated to provide funding for the development of emergency water supplies. Water suppliers will be responsible for planning and investing in emergency water supplies, in so doing independently requiring them to allocate their own funding for the development of emergency water supplies.

Our coalition believes that such a policy will encourage greater investment in and development of emergency supplies— making communities more resilient, better able to withstand drought and flood, and more prepared to provide safe and reliable water supplies to residents, business, and the environment.

For these reasons, we strongly support SB 1218 and urge you and your colleagues to vote “Aye” on this important measure. Please feel free to contact Christine Compton with the Irvine Ranch Water District (IRWD) at (949) 453-5338 or IRWD's Sacramento advocate Alfredo Arredondo at (805) 598-9350 if you have any questions.

Sincerely,

Kris Murray
Executive Director
Association of California Cities – Orange
County (ACC-OC)

Julia Bishop Hall
Legislative Relations Manager
Association of California Water Agencies

The Honorable Buffy Wicks
Chair, Assembly Appropriations Committee
June 28, 2024
Page 3

Danielle Blacet
Deputy Executive Director
California Municipal Utilities Association

Greg Thomas
General Manager
Elsinore Valley Municipal Water District

Aaron Avery
Director of State Legislative Affairs
California Special Districts Association

Dave Coffaro
Interim CEO
Greater Irvine Chamber of Commerce

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Public Works Deputy Director
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General Manager
Inland Empire Utilities Agency

Mark Vukojevic
Utilities Director
City of Newport Beach Utilities Department

Paul A. Cook
General Manager
Irvine Ranch Water District

Bruce Houdesheldt
Mayor
City of Roseville

Keith Van Der Maaten
General Manager
Laguna Beach County Water District

Katie Valenzuela
Councilmember, District 4, Chair, Law and
Legislation Committee
City of Sacramento

Jeremy Wolf
Legislative Program Manager
Las Virgenes Municipal Water District

John Bosler, P.E.
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Harvey De La Torre
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Municipal Water District of Orange County

David Youngblood, P.E.
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East Orange County Water District

Ivy Brittain
Legislative Affairs Director
Northern California Water Association

Joe Mouawad, P.E.
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Dennis P. Cafferty, P.E.
General Manager
El Toro Water District

Jeff Ball
CEO
Orange County Business Council

The Honorable Buffy Wicks
Chair, Assembly Appropriations Committee
June 28, 2024
Page 4

Jason Martin
Interim General Manager
Rancho Water

Charley Wilson
Executive Director
Southern California Water Coalition

James Peifer
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Matthew Litchfield
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Three Valleys Municipal Water District

Trent Taylor
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Rosedale-Rio Bravo Water Storage District

Fernando Paludi
General Manager
Trabuco Canyon Water District

Robert Grantham
General Manager
Santa Margarita Water District

Michelle Reimers
General Manager
Turlock Irrigation District

Rick Shintaku
General Manager
South Coast Water District

Bart Broome
Assistant Officer for State Government
Relations
Valley Water

Victoria Hernandez
Executive Director
South Orange County Economic Coalition

Craig Miller
General Manager
Western Municipal Water District

cc: The Honorable Members, Assembly Appropriations Committee
The Honorable Josh Newman, California State Senate, 29th District
Nikita Koraddi, Principal Consultant, Assembly Appropriations Committee
Brent Finkel, Consultant, Assembly Republican Caucus



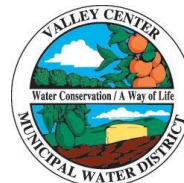
**COACHELLA VALLEY
WATER DISTRICT**
Your Water is Our Promise.



**CITY OF
FOLSOM**
DISTINCTIVE BY NATURE



PALMDALE WATER DISTRICT
A CENTURY OF SERVICE



July 1, 2024

Submitted via: commentletters@waterboards.ca.gov

Mr. E. Joaquin Esquivel, Chair
State Water Resources Control Board
1001 I Street, 24th Floor
Sacramento, CA 95814

Re: Comment Letter – Proposed Regulations on Making Water Conservation a California Way of Life

Dear Chairman Esquivel,

The undersigned organizations appreciate the opportunity to provide comments to the State Water Resources Control Board (State Water Board or Board) on the third revision of the Proposed Regulations for Making Conservation a California Way of Life (Regulations). We have submitted comments on the previous rounds of revisions, and we appreciate the changes that Board staff have made to the regulations to address our comments. Those changes pertained to the previous sections requiring water suppliers to collect information from CII customers about their operations, which were deleted in the March, 2024 revisions. However, the most salient issues that we have raised in our comments remain unaddressed, and we summarize those issues and restate our requests below.

Budget for Tree Canopy

The June 14, 2024 revisions to the Regulations make certain modifications to the requirements associated with the variance for irrigation of existing residential trees. These modifications would add more options for meeting the requirements for this variance, but they do not materially remedy the complexity and expense of complying with these requirements, which will be nearly impossible to achieve. For these reasons and for the reasons stated in our previous comment letters, we request that Sections 968(g)(7)(C)(i) and (ii) be deleted from the Regulations.

Outdoor standards apply to “irrigable” lands

The revised proposed Regulations continue to take an approach to the outdoor standards that is not authorized by and is inconsistent with the statute, and for the reasons we articulated in our previous letters, we continue to request that the Board revise the references in the outdoor standard (including in the definition of residential landscape area) to “irrigable lands” and adjust the acreages used for determining outdoor usage budgets for all agencies accordingly.

The outdoor standard must accommodate existing landscapes

The proposed 2040 standard would not provide adequate water supplies to existing landscapes, as is required by the statute. We continue to request that the Board revise the outdoor standards to specify that the lowest evapotranspiration adjustment factor be 0.63, to be applied to irrigable lands, starting in 2035.

Thank you again for the opportunity to provide comments to the State Water Board as it considers the Regulations. We hope the Board will make these changes, which are necessary to ensure that the Regulations are reasonable, feasible and cost-effective.

Sincerely,

Larry B. McKenney, General Manager
Amador Water Agency

David Coxey, General Manager
Bella Vista Water District

Kristina Budak, P.E., Water Resources Director
City of Bakersfield

Ian Prichard, Deputy General Manager
Calleguas Municipal Water District

J. M. Barrett, General Manager
Coachella Valley Water District

Jose Martinez, General Manager
Otay Water District

Steve Johnson, General Manager
Desert Water Agency

Dennis D. LaMoreaux, General Manager
Palmdale Water District

Michael Moore, General Manager/CEO
East Valley Water District

Brent Byrne, General Manager
Quartz Hill Water District

Greg Thomas, General Manager
Elsinore Valley Municipal Water District

Kim Domingo, PE, General Manager
Rosamond Community Services District

Jack Bebee, General Manager
Fallbrook Public Utility District

Tom Coleman, General Manager
Rowland Water District

Lucy Silva, Water Management Coordinator
City of Folsom

Miguel J. Guerrero, P.E., General Manager
San Bernardino Municipal Water Department

Dave Pedersen, General Manager
Las Virgenes Municipal Water District

Paul Helliker, General Manager
San Juan Water District

Matthew Medill, MPA PE, Public Works Director
City of Lincoln

Matthew H. Litchfield, P.E., General Manager
Three Valleys Municipal Water District

Paul E. Shoenberger, P.E., General Manager
Mesa Water District

Gary Arant, General Manager
Valley Center Municipal Water District

Brian Macy, P.E., General Manager
Mission Springs Water District

Van Grayer, General Manager
Vaughn Water Company

Kimberly A. Thorner, Esq., General Manager
Olivenhain Municipal Water District

Greg A. Hammett, General Manager
West Kern Water District

Chris Shepard, General Manager
Orange Vale Water Company

OMWD sent the attached SB 1255 comment letter to the following legislators on the Assembly Appropriations Committee:

The Honorable Joaquin Arambula
Assembly Appropriations Committee

The Honorable Isaac Bryan
Assembly Appropriations Committee

The Honorable Lisa Calderon
Assembly Appropriations Committee

The Honorable Wendy Carrillo
Assembly Appropriations Committee

The Honorable Diane Dixon
Assembly Appropriations Committee

The Honorable Mike Fong
Assembly Appropriations Committee

The Honorable Timothy Grayson
Assembly Appropriations Committee

The Honorable Matt Haney
Assembly Appropriations Committee

The Honorable Gregg Hart
Assembly Appropriations Committee

The Honorable Jim Patterson
Assembly Appropriations Committee

The Honorable Jim Pellerin
Assembly Appropriations Committee

The Honorable Kate A. Sanchez
Assembly Appropriations Committee

The Honorable Tri Ta
Assembly Appropriations Committee

The Honorable Carlos Villapudua Committee
Assembly Appropriations Committee

The Honorable Buffy Wicks
Assembly Appropriations Committee

Board of Directors

Christy Guerin, President
Matthew R. Hahn, Vice President
Neal Meyers, Treasurer
Lawrence A. Watt, Secretary
Marco San Antonio, Director



General Manager
Kimberly A. Thorner, Esq.
General Counsel
Alfred Smith, Esq.

July 2, 2024

The Honorable Isaac Bryan
Assembly Appropriations Committee
1021 O Street, Suite 5630
Sacramento, CA 95814

Re: Senate Bill 1255 (Durazo) – Oppose

Dear Assemblymember Bryan:

Olivenhain Municipal Water District appreciates the opportunity to provide input on Senate Bill 1255 regarding the establishment of a low-income rate assistance program. OMWD provides 87,000 customers in northern San Diego County with water, wastewater, recycled water, hydroelectric, and recreational services.

The retail price of water in California has continued to escalate to the point of crisis, leading Governor Newsom to identify in 2022 that “lowering costs and making sure that Californians have access to safe and affordable drinking water is a top priority of this administration.” For this reason, OMWD supports the concept of a well-designed, efficient, and effective low-income rate assistance program.

SB 1255, however, does not offer such a program. Instead, it will saddle the thousands of public water systems in California with extraordinary new burdens, paradoxically exerting upward pressure on the very water rates that the bill intends to address. OMWD must thus express our vehement opposition to this bill. Our specific concerns with the bill include the following.

Conflicts with SWRCB Recommendations: SB 1255’s coauthor, Senator Dodd, also authored AB 401 (2015), which directed the State Water Resources Control Board to submit recommendations for a statewide Low-Income Water Rate Assistance Program. The SWRCB produced its draft report in 2019, which included an analysis of a variety of revenue collection options as well as benefit delivery methods. Of the five revenue collection options analyzed by the SWRCB, the report explicitly stated that it did not recommend pursuing options associated with a fee levied on community water system bill statements. Of the benefit delivery methods, the SWRCB recommended and focused on the delivery of the benefit through either energy utility programs or Electronic Benefits Transfer cards (via CalFresh or a new program) due to their statewide reach and longstanding operation. The disadvantages of delivering benefits via community water systems were identified as requiring substantial modifications to water billing systems statewide, the introduction of new and significant data privacy concerns for low-income households, and the fact that most low-income households do not pay their water bill directly and would thus be unable to directly accept the benefits. SB 1255 blatantly disregards these findings.



Funding Uncertainty and Inequity Issues: This program relies on voluntary contributions from ratepayers which are unrealistic, unpredictable, and will likely be insufficient, raising concerns about the program's viability and long-term sustainability. The assumption of a 60 percent participation rate of ratepayers other than eligible ratepayers is quixotic, potentially leading to non-eligible ratepayers feeling burdened or unfairly pressured to contribute to the program. In addition, the unrealistic donation projections fail to acknowledge that middle-income earners are also struggling with the water affordability crisis, and this program could only exacerbate rather than alleviate their burden. The reliance on voluntary contributions could also translate to funding levels varying significantly statewide. Wealthier communities may generate more contributions, while lower-income communities may generate fewer contributions, leading to disparities in assistance across the state. It should also be noted that Senator Dodd recently authored another bill, SB 222, that proposed a LIRA program that did not identify a sustainable and specific source of funding for the ambitious goals of the proposed program. Governor Newsom vetoed SB 222 specifically because there was no sustainable, ongoing funding identified. The proposed voluntary contributions collected by water retailers as proposed in SB 1255 are no more viable as a reliable funding source than they were when Governor Newsom vetoed SB 222.

Inconsistent with State Law (Proposition 26 and Proposition 218): This program requires automatic enrollment of eligible ratepayers and provisions for "a bill credit of no less than 20 percent of the water charges, and if present on the bill, wastewater charges, for any fixed charge and any water commodity usage charges for consumption rates up to 6 CCF of water use per month" [§116931(b)(2)]. If water agencies provide services at discounted rates to certain identified classes of individuals, or at differential rates for certain identified classes, these discounts may trigger other ratepayers' charges to be deemed to be "taxes" under Section 1(e) of Proposition 26. Consequently, offering discounted rates solely based on income could be seen as violating Proposition 26 provisions by not charging all customers the same rate for the same service. As a result, an independent source of administration and funds is necessary to provide the type of relief needed by low-income customers. Further, under Proposition 218, water agencies cannot collect funds from one customer to subsidize another. OMWD can only charge rates that cover the cost of providing services and can only charge for the services provided. Additionally, the program caps administrative costs at 10 percent of contributions, which will not be enough to cover the necessary administrative efforts to manage the program. Water agencies are subject to constraints on their ability to collect rates for rate relief from one customer to another, and the 10 percent cap on reasonable costs further disconnects charges to be levied by water retailers from their actual costs of providing service. As acknowledged by the SB 401 bill report: "(Proposition 218 and Proposition 26)...These substantive restrictions on ratemaking by publicly owned water systems prevent subsidization of one customer's water rates by another and would pose serious, if not fatal, obstacles to publicly owned water systems funding individual W-LIRA (water low-income rate assistance) programs from water rates and charges."

Data Security and Program Eligibility: If enrollment information is derived from the CARE program, it is important that customer data be secured and easily accessible to water agencies. As proposed, this function falls on each water agency to develop separate agreements with local publicly owned electric and/or gas utilities to obtain this data. Moreover, while CARE and other existing assistance programs in the state have privacy protections in place for household income data used to determine program eligibility, this would be new to water agencies such as OMWD. Administering this program would likely require new privacy protection measures, and likely require new or modified software. The cumulative

financial burden upon water agencies to manage such a program could register in the billions of dollars statewide. Placing such a heavy financial burden upon water agencies will necessarily cause upward pressure on future water rates, which will only exacerbate problems with the water affordability this program is intended to alleviate.

Worsens the Affordability Crisis it Attempts to Solve: This program will trigger billing system changes, compliance with requirements for reimbursement, enhanced customer interaction, and program promotion. Furthermore, water retailers may require additional staff, or existing staff would need to be trained in analyzing and managing income data. As proposed, this measure also imposes administrative requirements such as managing contributions, verifying eligibility, and maintaining financial records. While OMWD supports the use of existing assistance programs such as CARE for identifying low-income families, this program will create a large financial burden on local water agencies with regard to implementation and management. As previously mentioned, the program caps administrative costs at 10 percent of contributions, which will not be enough to cover the necessary administrative efforts to manage the program. The cumulative administrative burden on water agencies will inevitably have a dramatic financial impact and will further aggravate the statewide water affordability crisis. To take these drastic, impactful steps for a program that may offer qualifying low-income customers a benefit of as little as five dollars per month [§116931(j)] is extraordinarily misguided.

As an alternative to the well-meaning but deeply flawed proposal, OMWD strongly encourages a state-funded LIRA model managed through California's Health and Human Services Agency leveraging existing social services resources and expertise in the most streamlined manner. It would enable statewide and tribal populations to interact with water and wastewater systems to directly access funds for qualifying customers and holds the most promise for ensuring that LIRA operates as efficiently as possible. An example of this model was successfully tried and tested in 2020 when Congress recognized the growing water affordability challenge and established the Low-Income Household Water Assistance Program at the Department of Health and Human Services. That program was managed effectively and efficiently by HHS and was funded through the Consolidated Appropriations Act of 2021 and the American Rescue Plan.

We appreciate your consideration of our concerns. If you or your staff should need any additional information pertaining to this assessment, please do not hesitate to contact me at 760-753-6466 or kthorner@olivenhain.com.

Regards,



Kimberly A. Thorner
General Manager

cc: Ashley Walker, Nossaman, LLP (awalker@nossaman.com)
Jay M. Dickenson, Chief Consultant, Appropriations Committee (jay.dickenson@asm.ca.gov)
Nikita Koraddi, Principal Consultant, Appropriations Committee (nikita.koraddi@asm.ca.gov)
Association of California Water Agencies
California Special Districts Association
California Association of Sanitation Agencies



July 10, 2024

Jennifer Joslin - jjoslin@olivenhain.com
Kimberly Thorner - kthorner@olivenhain.com
Olivenhain Municipal Water District

RE: ACWA JPIA 2024 Wellness Grant

Dear Jennifer and Kimberly,

Congratulations! The 2024 Wellness Grant Application for Olivenhain Municipal Water District has been approved in the amount of \$2000. We will send a check directly to your agency within 30 days of this letter. Please be on the lookout for the check and promptly deposit it upon receipt.

Before spending your grant funds, please review the important guidelines for the proper use and documentation of wellness grant funds on page 2 of this letter and keep them for future reference.

If you have any questions regarding your grant, please contact me at (916) 474-1773. Thank you for your participation.

A handwritten signature in black ink, appearing to read "JR" or "Jackie Rech".

Jackie Rech
Employee Benefits Specialist

GUIDELINES FOR SPENDING AND DOCUMENTING THE USE OF GRANT FUNDS

- **Grant funds may not be spent on food or drink.** This includes groceries, restaurants or other food/drink vendors. The only exceptions are as follows:
 - Classes about nutrition and healthy cooking will be allowed. Food purchased for use in the class (i.e. to cook the demonstration meal with or as examples of nutritious food) may be purchased with grant dollars. However, any other food brought into the class (i.e. breakfast or lunch) must be purchased outside of grant dollars.
 - Restaurant/food/grocery gift cards given as a prize for participating in a fitness or weight loss challenge.
- **Gift Cards - Guidelines**
 - Gift cards should not be the core of your wellness program. They cannot be used as a fitness stipend. They may be used only to supplement a well-rounded wellness campaign.
 - If given as a prize for participating in or winning a fitness or weight loss challenge, then there is no restriction on the type of gift card that may be purchased.
 - If not tied to a fitness or weight loss challenge, then the gift card must be fitness related. Examples include – yoga or other fitness studios or classes, sporting goods stores like Dicks, Big 5 or REI, athletic shoe or fitness apparel stores like Athleta, Adidas, Merrell, Nike, Under Armour, etc.
- **Safety equipment**, services, and training are not considered eligible wellness grant expenses.
- **Teambuilding** events, while worthwhile, are not considered eligible wellness grant expenses.
- **Please save your receipts** for your purchases. Once you have used the funds, submit them to the JPIA at jrech@acwaipia.com. All funds must be used and receipts submitted by **June 23, 2025**.

Memo

To: Olivenhain Municipal Water District Board of Directors

Subject: AUTHORIZATION TO ATTEND UPCOMING MEETINGS /
CONFERENCES / SEMINARS

The Board may desire to attend a meeting that requires Board approval.

Memo

To: Olivenhain Municipal Water District Board of Directors

Subject: FUTURE AGENDA ITEMS

The Board may have items to be considered at a Future Board meeting.

Memo

To: Olivenhain Municipal Water District Board of Directors

Subject: CONSIDER PUBLIC COMMENTS

There may be public comments before the Board meeting is adjourned.

Memo

To: Olivenhain Municipal Water District Board of Directors

Subject: CLOSED SESSION

It may be necessary to go into Closed Session.

Memo

To: Olivenhain Municipal Water District Board of Directors

Subject: OPEN SESSION

Memo

To: Olivenhain Municipal Water District Board of Directors

Subject: ADJOURNMENT

We are adjourned.

San Diego County faces nearly 40% water price hike



fox5sandiego.com/news/local-news/san-diego-county-faces-nearly-40-water-price-hike/

Tony Shin

June 20, 2024

by: [Tony Shin](#)

Posted: Jun 19, 2024 / 05:20 PM PDT

Updated: Jun 19, 2024 / 06:10 PM PDT

SAN DIEGO (FOX 5/KUSI) — Water districts across San Diego County are grappling with a dramatic price hike from the San Diego County Water Authority, which is projected to increase water prices by nearly 40% over the next few years.

Olivenhain Municipal Water District board members on Wednesday night voted to approve a budget that will affect 87,000 customers. A spokesperson for the district says they don't know yet exactly how much this will cost their customers.

"If you think gas prices are high, imagine paying nearly 40% more for water over the next two years," said Dee Dee Camarillo, a local customer. "I think we already pay quite a bit, and I wouldn't be happy if it went up any higher."

Bobbie Henry, another customer, echoed the sentiment: "It's just insane, especially with how much everything else costs right now. The last thing we need is for water prices to go up as well."

Olivenhain Municipal Water District General Manager Kimberly Thorner described the price increase as unprecedented. The district, like many others, relies on wholesale drinking water from the San Diego County Water Authority. Thorner explained that the authority has secured reliable water supplies through fixed take-or-pay contracts, including water from the Colorado River and desalination plants.

"For decades, they have been building their reliable supplies and securing contracts for water," Thorner said. "These contracts have to be paid for whether or not there is a demand."

The authority's contracts are designed to ensure a steady water supply during drought years. However, following a couple of wet winters and effective conservation efforts, the region's water reserves are full, leading to a surplus.

"Demand has actually dropped below the point of what their take-or-pay contracts are," Thorner said. "San Diego currently has more water than it needs, but the rates still have to go up to keep the Water Authority sustainable."

In light of high inflation and supply chain issues, Thorner emphasized that passing along a nearly 40% rate increase to customers is impractical. The board is therefore exploring budget cuts to reduce the financial burden on customers.


“We are delaying hiring positions, freezing current positions, and selling some property to offset rates,” Thorner said. “The goal is to keep the rate hike under 10%, which would mean an extra six or seven dollars a month for the median customer.”

“That’s doable. I could go for that,” Camarillo said. Henry added, “It sounds a lot better than 40%, that’s for sure.”

The board is also considering delaying non-critical projects to help mitigate the rate hike.

[Read next >](#)

OMWD Board Honors Winners of Elfin Forest Recreational Reserve Photo Contest

 waternewsnetwork.com/omwd-board-honors-winners-elfin-forest-recreational-reserve-photo-contest

June 20, 2024

Four photographers were recognized by the Olivenhain Municipal Water District's Board of Directors for their winning images in its 17th annual Elfin Forest Recreational Reserve photo contest.

The winning photos feature the natural beauty of the 784-acre reserve near Escondido.

"We are grateful for the stunning contest photos received this year. Countless individuals will see the views offered by our 11 miles of trails," said OMWD Board Director Marco San Antonio.

OMWD received over 200 entries submitted in five categories: Scenic View, Water Scenery, Plants, Animals, and Youth (age 15 and under). The contest was open to photographers of all ages.

Elfin Forest Recreational Reserve Facebook followers selected a People's Choice award winner by voting for their favorite of 19 entries posted online.

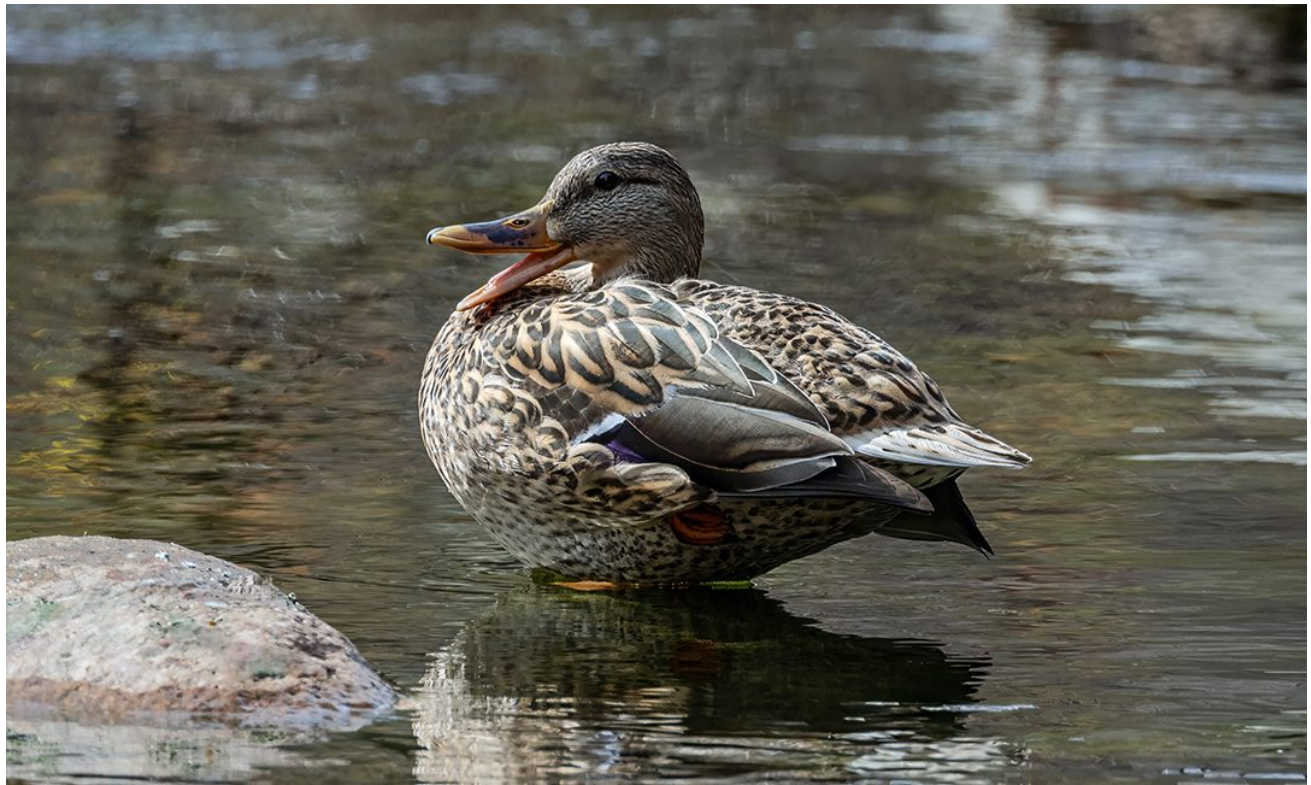
This year's Elfin Forest Recreational Reserve photo contest winners



“Warbler with Bee” by Keith Kelley – Best in Show Category. Photo: Olivenhain Municipal Water District



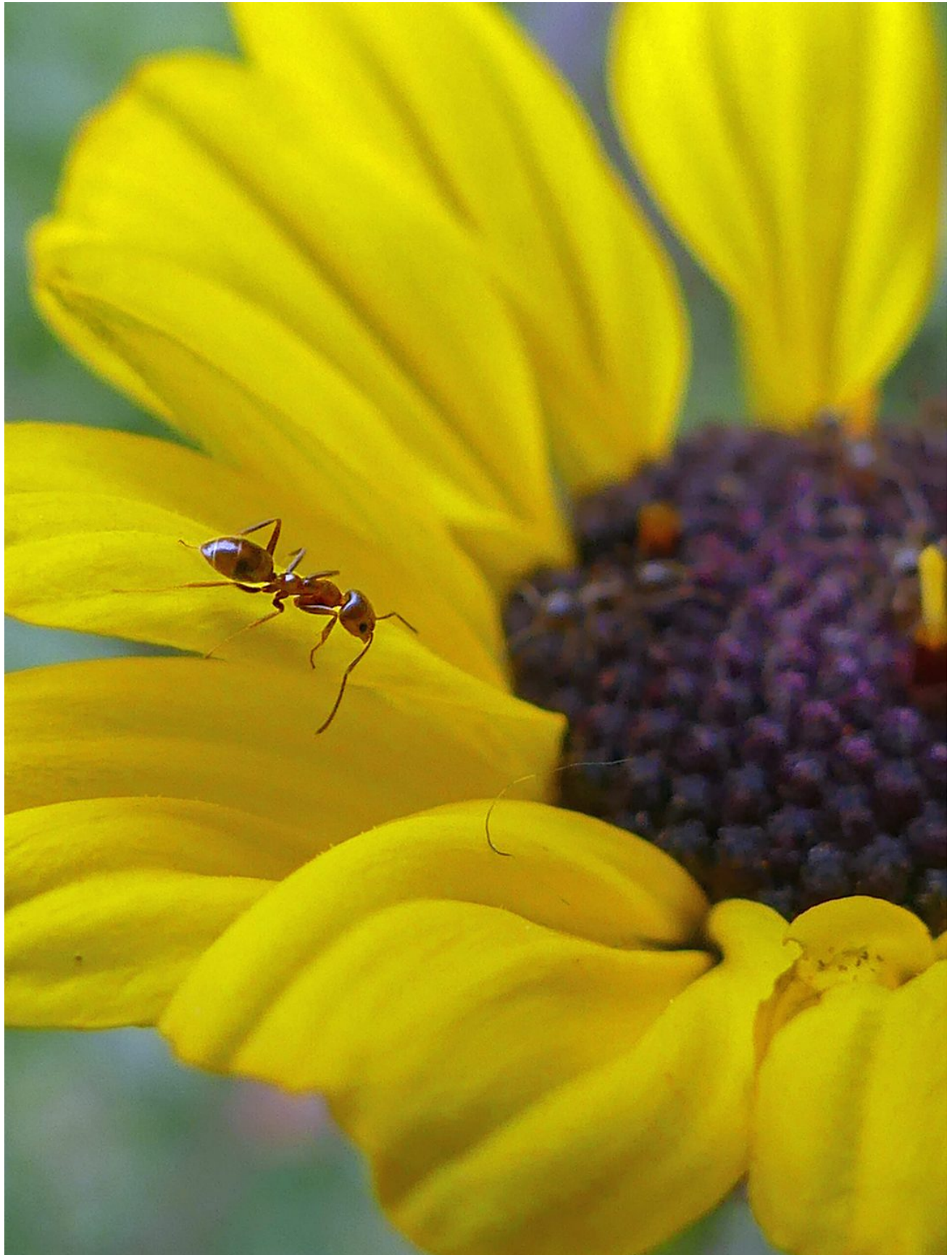
“Leaf Race” by Keith Kelley – Water Scenery Category. Photo: Olivenhain Municipal Water District



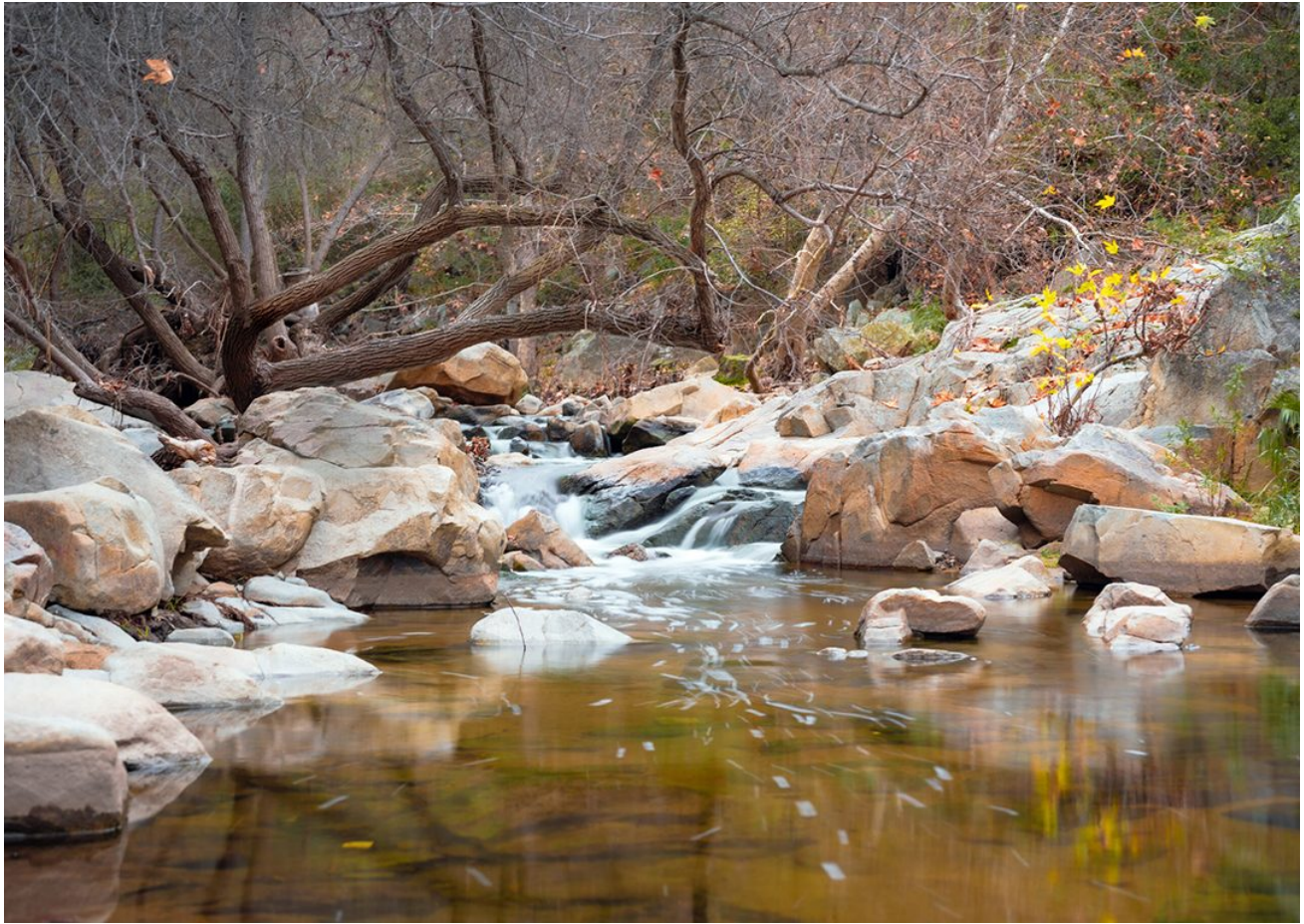
“Quack” by Keith Kelley – Winner, Animals Category. Photo: Olivenhain Municipal Water District



“Mushroom :)” by Adrian Flores – Winner, Plants Category. Photo: Olivenhain Municipal Water District



“Overlooked Elegance” by Ray Santiago – Winner, Youth Category. Photo: Olivenhain Municipal Water District



“Winter color palette on the creek” by Sylvia Gaffney – Winner, Scenic View Category. Photo: Olivenhain Municipal Water District



"Serenity by the Creek" by Sylvia Gaffney – Winner, People's Choice Category. Photo: Olivenhain Municipal Water District

San Diego Zoo, California Wolf Center, and EcoVivarium Reptile Sanctuary donated tickets as prizes. Prizes also included a canvas print donated by PC Photo & Imaging, outdoor equipment donated by REI, and a cash prize donated by the Escondido Creek Conservancy.

Beginning in July 2024, Elfin Forest Recreational Reserve visitors can view winning photographs at the Elfin Forest Interpretive Center Honoring Susan J. Varty.

The Interpretive Center is open daily, subject to docent availability. Current hours of operation can be obtained by calling 760-632-4212.

Who's News: 6/21/24

 thecoastnews.com/whos-news-6-21-24

staff

June 17, 2024



UTILITIES DIRECTOR

Angela Morrow has been promoted to director of utilities for the city of Escondido. She has 27 years of experience specializing in water, wastewater, and recycled water and has been with the City of Escondido for almost 15 years.



WATER AWARD

The Olivenhain Municipal Water District received the 2024 Project of the Year Honor Award from the American Public Works Association's San Diego and Imperial County Chapter for its Manchester Avenue Recycled Water Pipeline Project.

Support The Coast News. [Click here.](#)

OMWD board honors winners of Elfin Forest Recreational Reserve photo contest

News Release :: 6/22/2024



Keith Kelley

"Warbler with Bee" by Keith Kelley



By [News Release](#)

PUBLISHED: June 22, 2024 at 3:28 p.m. | UPDATED: June 22, 2024 at 3:28 p.m.

At its June 19 meeting, Olivenhain Municipal Water District's Board of Directors recognized four photographers for winning images in its 17th annual Elfin Forest Recreational Reserve photo contest, according to a news release.

The contest was open to amateur photographers of all ages. Winning photos feature the natural beauty of the 784-acre reserve located near Escondido.

"We are grateful for the stunning contest photos received this year. Countless individuals will see the views offered by our 11 miles of trails," said OMWD Board Director Marco San Antonio in the news release.

OMWD received over 200 entries submitted in five categories: Scenic View, Water Scenery, Plants, Animals, and Youth (age 15 and under). EFRR Facebook followers selected a People's Choice award winner by voting for their favorite of 19 entries posted online. This year's winners are:

—"Warbler with Bee" by Keith Kelley – Best in Show—"Leaf Race" by Keith Kelley – Water Scenery—"Quack" by Keith Kelley – Animals—"Mushroom :)" by Adrian Flores – Plants—"Overlooked Elegance" by Ray Santiago – Youth—"Winter color palette on the creek" by Sylvia Gaffney – Scenic View—"Serenity by the Creek" by Sylvia Gaffney – People's Choice

San Diego Zoo, California Wolf Center, and EcoVivarium Reptile Sanctuary donated tickets as prizes. Prizes also included a canvas print donated by PC Photo & Imaging, outdoor equipment donated by REI, and a cash prize donated by the Escondido Creek Conservancy.

Beginning in July 2024, EFRR visitors can view winning photographs at the Elfin Forest Interpretive Center Honoring Susan J. Varty. The center is open daily, subject to docent availability. Current hours of operation are available by calling 760-632-4212. Address: 8833 Harmony Grove Road, Escondido, 92029.

Who's News: 6/28/24

 thecoastnews.com/whos-news-6-28-24

staff

June 24, 2024

ELFIN FOREST

The Olivenhain Municipal Water District Board chose four photographers for winning images in its 17th annual Elfin Forest Recreational Reserve photo contest: Keith Kelley won best in show with “Warbler with Bee,” water scenery category with “Leaf Race,” and animals category with “Quack”; Adrian Flores won the plants category with his “Mushroom”; Ray Santiago won the youth category with “Overlooked Elegance”; and Sylvia Gaffney won the scenic view category with “Winter color palette on the creek” and people’s choice with “Serenity by the Creek.”

LANDSCAPE CONTEST

The Olivenhain Municipal Water District Board recently honored Rick Whitney as the winner of its annual WaterSmart Landscape design contest.

Support The Coast News. [Click here.](#)

Carlsbad residents worry about homes flooding, plea for repairs

[8 cbs8.com/article/news/local/working-for-you/carlsbad-residents-home-repairs-flooding/509-18dffbf2-0b3b-46dc-ae74-cf1f2da45739](https://www.cbs8.com/article/news/local/working-for-you/carlsbad-residents-home-repairs-flooding/509-18dffbf2-0b3b-46dc-ae74-cf1f2da45739)

Working for you

Carlsbad residents fear homes in danger of flooding or sliding off a cliff

CBS 8 is Working For You to expose the issue of water drainage concerns that is causing damage and concerns in La Costa.



Author: Abbie Black

Published: 5:46 PM PDT June 25, 2024

SAN DIEGO COUNTY, Calif. — Carlsbad homeowners say their homes are in danger of flooding or sliding off a cliff.

They are fed up fighting with the city and turning to CBS 8 for help.

CBS 8 is Working for You to expose both the problem and the neighbor's plea to make repairs.

In the Hillside Patio Homes neighborhood you can see a black tarp down a hillside where a chunk from under a house came down.

The house across the street from Joseph Nevins' home looks like a mud pit.

"Every time it rained it would bubble up into her living room, it was terrible," said Nevins.

But it doesn't have to rain for water to saturate their neighborhood.

"This is where it all started in 2005," said Nevins.

He took CBS 8 above the neighborhood on Old Rancho Santa Fe Road where you could see a damaged fence above a home from a landslide that initially happened almost twenty years ago and again in 2017.

"It's coming from all that irrigation, all those houses that were built and the [La Costa Town Square] shopping center," said Nevins.

He said for years he could never get answers as to why water was seeping into their neighborhood.

"I started digging, I dug up reports, I dug up engineering, I dug up permits, all kinds of stuff and I started putting pieces together and I discovered there was a water leak a half a mile from here," said Nevins.

Olivenhain Municipal Water District (OMWD) repaired a leak involved in prior litigation in 2020.

"The water is coming from the City property into the HOA," said Nevins.

Over the years homeowners, including Nevins, have filed lawsuits and settled with the city and OMWD.

"The city is blowing money, paying attorneys to fight the problem where they could fix it for less than they are spending fighting it," said Nevins.

His neighbor is using some of the settlement money to pay for new drainage that's currently under construction.

CBS 8 reached out to the City of Carlsbad and OMWD and both say they don't comment on pending litigation.

We followed up and pressed them for a better explanation, but both pointed to each other for further information.

CBS 8 asked for clarification since both have been involved in settlements which would mean they bear some responsibility for the water issues.

We want to know when this will be fixed for good.

OMWD said currently there are no leaks, and the prior leak that was involved in litigation was repaired in March 2020.

The city has not followed up with a response.

“The whole point is to fix it and it just continues, let’s stop this and cut it off,” said Nevins. “I don’t want to wake up one morning and sitting over nothing when the house goes.”

CBS 8 also reached out to the Hillside Patio Homes HOA. A PR person from property management company said they would work on our request for comment but we have not heard back.

At CBS 8, we are always Working for You and our community. This is a station promise that we will go the extra mile to solve a problem our audience can’t solve themselves. We want to hear your ideas on how we can cover and help our community. If you have a story idea, please email us at workingforyou@cbs8.com.

Related Articles

- [San Diego announces \\$37 million to upgrade stormwater system](#)
- [Flood-damaged home restored by local carpenters in San Diego](#)
- [New growth and trash in previously clogged storm channel that led to devastating flooding. | City responds](#)

Award-Winning Landscape Design Features Rainwater Capture

waternewsnetwork.com/award-winning-landscape-design-features-rainwater-capture

June 21, 2024

Olivenhain Municipal Water District's Board of Directors honored Rick Whitney as the 2024 WaterSmart Landscape design contest winner.



The winning design includes a seating area to let visitors sit and enjoy the space. Photo: Olivenhain Municipal Water District

Water agencies throughout the county participate in an annual contest to encourage landscape transformations that reduce outdoor water use, are attractive, and often require less maintenance than turf-heavy landscapes. Each agency selects a winner within its service area that exhibits climate-appropriate plant selection, water-efficient irrigation, and appealing design.

Rainwater Capture Reduces Runoff



Dry riverbeds are attractive as well as functional, capturing rainwater runoff. Photo: Olivenhain Municipal Water District

“Using water efficiently outdoors will always be important in Southern California, and replacing a lawn with a water-wise landscape can significantly reduce water bills,” said OMWD Vice President Matthew Hahn. “Mr. Whitney’s California-friendly alternative to grass provides an attractive example of a sustainable, water-wise landscape.”

Mr. Whitney’s water-efficient landscape uses rainwater capture in its design. Rainwater from the roof collects in a rock riverbed, keeping it on the property and reducing runoff that can carry pollutants to waterways and beaches. An in-line drip system irrigates all other areas of the landscape.

Beautiful New Yard Yields Water Savings



A closer look at the dry riverbed and plant selection. Photo: Olivenhain Municipal Water District

“We decided to install a water-conserving landscape because of the severe drought California has experienced over the last decade,” said Mr. Whitney. “We are glad we did, as our water usage is down now, and our front yard looks beautiful.”

The San Diego County Water Authority offers free WaterSmart landscaping classes with several choices designed to give you the skills and knowledge to create a landscape that saves water and will thrive in our region.

Local landscape design professionals teach workshops using a do-it-yourself approach. They cover landscape design and maintenance, soil identification and health, turf types and removal tips, plant selection, rainwater catchment, irrigation retrofits, and project installation.

For more information and to register, visit sdcwa.org/your-water/conservation/classes



Olivenhain water district serves recycled water, replaces pipeline

by staff • July 8, 2024 • 168

ENCINITAS — The Olivenhain Municipal Water District began serving recycled water at a new medical office building and is starting work to replace a more than 60-year-old water pipeline.

According to the water district, irrigating the property at 777 N. El Camino Real in Encinitas with recycled instead of potable water will save more than 7,500 gallons of imported drinking water each year.

Recycled water is locally produced wastewater that is disinfected and used for irrigation. Using recycled water is considered “drought-resilient” and cheaper for the water district and its customers.

“Converting our irrigation meter to recycled water was a good decision,” said Jason Van Engelenhoven of Manna Construction, the project manager behind the new multi-tenant medical office. “We can now irrigate our property without contributing to the ongoing water supply crisis and won’t be as impacted by future drought regulations that might limit watering schedules. OMWD has been very helpful in the conversion effort and we are very grateful for their guidance.”

OMWD produces up to 2 million gallons of recycled water daily at its 4S Ranch Water Reclamation Facility and supplements the supply with recycled water purchased from neighboring water and wastewater agencies.

By partnering with other agencies and sharing resources across jurisdictional boundaries, OMWD can continue expanding its recycled water distribution system. In total, OMWD meets up to 15% of its demands with recycled water.

“Converting our commercial customers to recycled water for irrigation is of the utmost importance,” said OMWD Board Secretary Larry Watt. “Our region is dependent on the Colorado River for drinking water and available supplies on the river have been slowly declining for decades. Every customer we convert to recycled water makes us more drought resilient.”

Additionally, the water district is beginning construction to replace 1,500 feet of an existing 12-inch-in-diameter pipeline that was installed in 1961 on Rancho Santa Fe Road between Las Olas Court and Avenida La Posta on the border of Carlsbad and Encinitas.

“Replacing old water mains ensures the continued reliability of our services,” said OMWD Board President Christy Guerin. “Proactive maintenance projects like this are necessary to avoid emergency breaks that can waste millions of gallons of water and be very costly.”

A city-approved traffic management plan will be implemented during construction to minimize disruptions to residents and schools in the project area. Work will take place mostly during the day from 8:30 a.m. to 3:30 p.m., Monday through Friday, due to the residential nature of the surrounding area. Limited overnight work is anticipated.



Construction of the new pipeline is anticipated to end late this year. More information can be found at www.olivenhain.com/projects, and project updates will be posted to OMWD’s Facebook and X (formerly Twitter) accounts.



The city of Carlsbad will forego repaying fixed charges to the San Diego County Water Authority. Courtesy photo/SDCWA

Carlsbad rejects repaying fixed charges to county water authority

by Samantha Nelson July 9, 2024 484

CARLSBAD — Despite rising water rates, the city of Carlsbad has opted against repaying fixed charges to the county's wholesale water supplier in exchange for discounted rates in 2025.

In late May, the San Diego County Water Authority asked its 23 member agencies, including the Carlsbad Municipal Water District, to consider a prepayment option.

On June 27, the San Diego County Water Authority board approved a 4% increase in wholesale water rights. While that number is far less than the 15% to 18% increase that was previously projected, the water authority plans to consider additional charges to support its maintenance and operations and financial stability later this month during a public hearing [scheduled for July 25](#).



According to the county water authority, the 4% increase is designed to cover passthrough costs from the Metropolitan Water District of Southern California, which started accruing this month. At the same time, demand has decreased due to water reuse projects, conservation and the recent rains, putting the agency in a financially tough position.

To ease the strain, the county water authority approved a pilot program that allows retail water districts like Carlsbad Municipal Water District and others to trim an estimated 1.5% from next year's bill by prepaying the water authority their fixed costs.

According to city staff, the prepayment option could also help the water authority potentially reduce the cost of managing its debt, provide cash flow for negotiating the sale of surplus water and increase its cash on hand for investing in its infrastructure and maintenance needs.

While the prepayment option would [benefit the water authority](#) financially, city staff explained to the council on June 25 — two days before the water authority's rate increase decision — that the choice didn't make much of a difference to the city.



“It is likely that the prepayment would provide a small, estimated savings,” said Shoshana Aguilar, water distribution operator for the city. “There are no considerable savings or costs over CMWD’s estimated investment income.”

However, Aguilar noted that the water authority’s overall fiscal health would directly impact Carlsbad Municipal Water District and other member agencies.

The Carlsbad Municipal Water District accounts for 4% of the county water authority’s total water demand. Water purchases from the county water authority account for 75% of the city’s potable water budget.



Other member agencies are expected to soon decide on prepayment options. According to Aguilar, Olivenhain Municipal Water District has already refused the option.

In the end, the City Council voted 4-1 to not take action on moving forward with prepaying the water authority.

Mayor Keith Blackburn said he could not support the prepayment option.

“I think we do a fine job with our own money,” Blackburn said. “I don’t think we need to give it to the water authority to invest on our behalf.”



Mayor Pro Tem Priya Bhat-Patel also wouldn’t support the prepayment option.

“I’m a little concerned with prepaying just because I don’t know what the calculated risks associated with it are,” Bhat-Patel said.

Councilmember Teresa Acosta, who represents the city on the county water board, was the only council member who supported the prepayment option.

“We’ve been talking about this at the water authority for some time,” Acosta said. “I do think that having the flexibility to prepay will be helpful to reducing the overall rate increases.”