



AGENDA

EAST ORANGE COUNTY WATER DISTRICT ENGINEERING AND OPERATIONS COMMITTEE MEETING

**Thursday, February 16, 2023
185 N. McPherson Road, Orange, California
4:30 P.M.**

1. Call meeting to order
2. Public communications to the Committee
3. Additional items arising after posting of agenda

Informational Items

4. District Headquarters Building Project Update
5. Capital Project Status Report
6. RZ Well Levels, System Status, and Water Use
7. WZ System Status and Water Use
8. Sewer System Status and Permit Reports
9. Adjournment

NOTE: On March 4, 2020, California Governor Gavin Newsom declared a State of Emergency in California as a result of the COVID-19 Pandemic, for which Orange County Public Health Officials have continued to recommend measures to promote social distancing. Pursuant to Government Code Section 54953, and corresponding findings of the Board that currently remain in effect, (1) members of the Board of Directors and public may elect to attend this Regular Meeting by telephone or video conference due to concerns relative to COVID-19 Coronavirus and avoidance of public gatherings, and (2) **a public location to attend this meeting will now be provided in tandem with the telephone and video options.** The public may attend either in-person, telephonically, or by videoconference, with the latter accessible at:

To Access the Meeting by Computer/Device:

<https://us02web.zoom.us/j/87072815325?pwd=NENSZWZybm9HYXJFUE5jR2I2ZWVFQT09> or short link <https://bit.ly/3lyzIbL>

To Access the meeting by Phone:

Dial: (669) 900-6833

Meeting ID: 870 7281 5325 Passcode: 981308

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

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the East Orange County Water District Engineering & Operations Committee in connection with a matter subject to discussion or consideration at an open meeting of the Engineering & Operations Committee are available for public inspection in the District's office, 185 McPherson Road, Orange, California ("District Office"). If such writings are distributed to members of the Committee less than 72 hours prior to the meeting, they will be available via phone or email request to Ms. Sylvia Prado at (714) 538-5815 or sprado@eocwd.com.

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: DISTRICT HEADQUARTERS BUILDING PROJECT – STATUS UPDATE
DATE: FEBRUARY 16, 2023

Background

At the January 19 meeting, the Board awarded the design-build contact for the new District Headquarters to Snyder Langston (SL). SL has begun conceptual design to refine the building and site design and the process is expected to take two months. A kickoff meeting was held with on February 6 and staff expects to have preliminary concepts to review this week. Over the next few months, field staff will be relocated, a temporary location for Board meetings will be secured, and the existing Field office will be demolished. The building design is expected to be completed in June and will subsequently be submitted to the City of Orange for permitting. If there are no delays in the permitting process, SL expects rough grading and slab preparation to begin by July and project completion is expected Spring 2024.

Recommendation

Information Only

Attachment(s):

None

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: CAPITAL PROJECTS UPDATE
DATE: FEBRUARY 16, 2023

Background

Staff will present to the Committee the current status of the Districts Capital Improvement Projects for information.

Recommendation

Information Only

Attachment(s):

Presentation
Capital Project Summary

CAPITAL IMPROVEMENT PROJECTS STATUS REPORT



ID1 CRA PROJECT

- This project replaces and upsizes sewer mains at multiple locations.
- Current Status
 - Complete: Crawford Canyon, 6th Street, Browning North of FWY
 - In Progress: Browning South of FWY, FWY Crossing (Casing complete)
- Next Steps
 - Fallen Leaf Segment
- Project Schedule
 - Browning South and FW Crossing: March 2023 Completion
 - Fallen Leaf: Est. June 2023 Completion
- Impacts
 - Unknown Utilities
 - Weather



PFAS TREATMENT PLANT (OCWD) AND VANDERWERFF WELL

- This project constructs the VanderWerff Well and PFAS Treatment plant.
- Current Status
 - All of the major treatment plant equipment has been installed.
 - Well has been drilled and developed. The wellhead piping has been installed.
- Next Steps
 - Install the influent/effluent piping, electrical conduits, and City of Orange interconnect in McPherson St.
- Project Schedule
 - Est. in service June 2023
- Impacts
 - Material delays



BARRETT PUMP STATION REPLACEMENT

- This project replaces the existing Barrett Pump Station.
- Current Status
 - Pump station demolition is complete.
 - Underground piping is in progress.
- Next Steps
 - Electrical conduits
 - Building pad
- Project Schedule
 - May 2023 Completion
- Impacts
 - SoCal Edison
 - Material delays



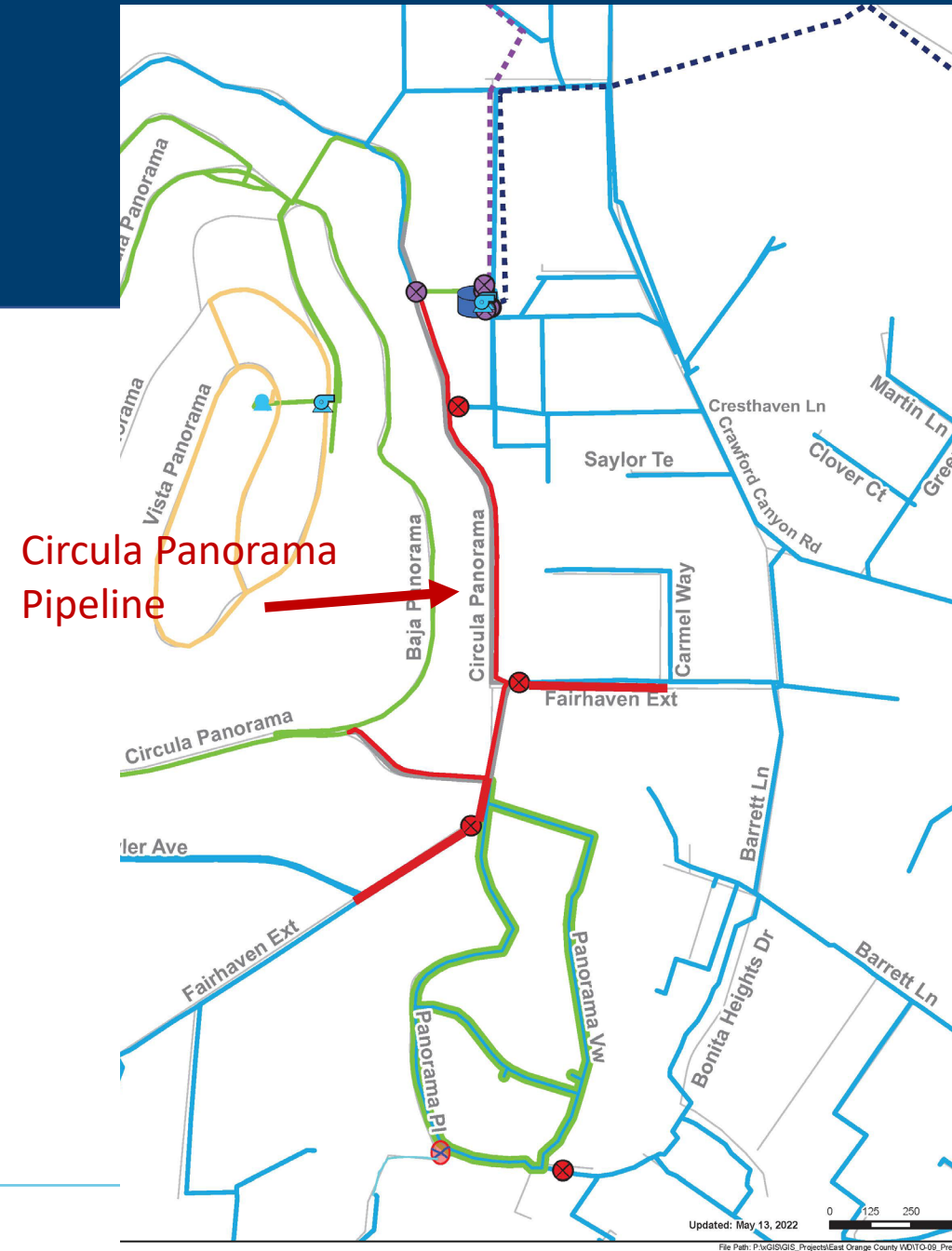
VISTA PANORAMA SITE

- This project demolishes the existing reservoir and constructs site improvements.
- Current Status
 - Reservoir Demo Complete
- Next Steps
 - Meet with Residents to review site layout
- Project Schedule
 - Est. Dec. 2023 Completion
- Impacts
 - Cost estimates exceeded budget



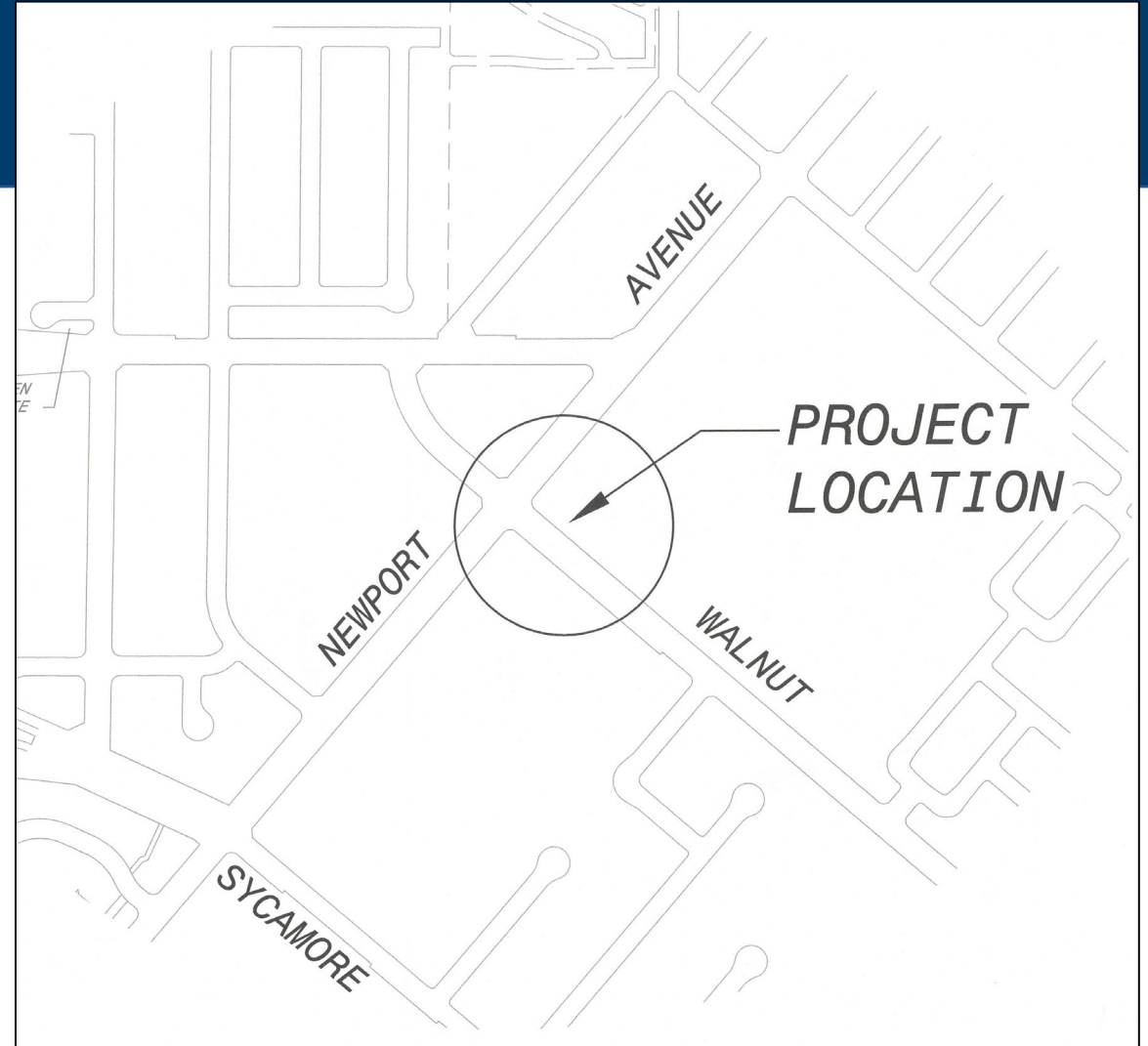
CIRCULA PANORAMA PIPELINE REPLACEMENT

- This project replaces and upsizes an existing Zone 3 water pipe and converts it to Zone 2.
- Current Status
 - 60% Design
- Next Steps
 - Complete Design
 - Advertise Bid
- Project Schedule
 - Design March 2023
 - Construction Award May 2023
 - Complete est. Nov. 2023
- Impacts
 - Potholing



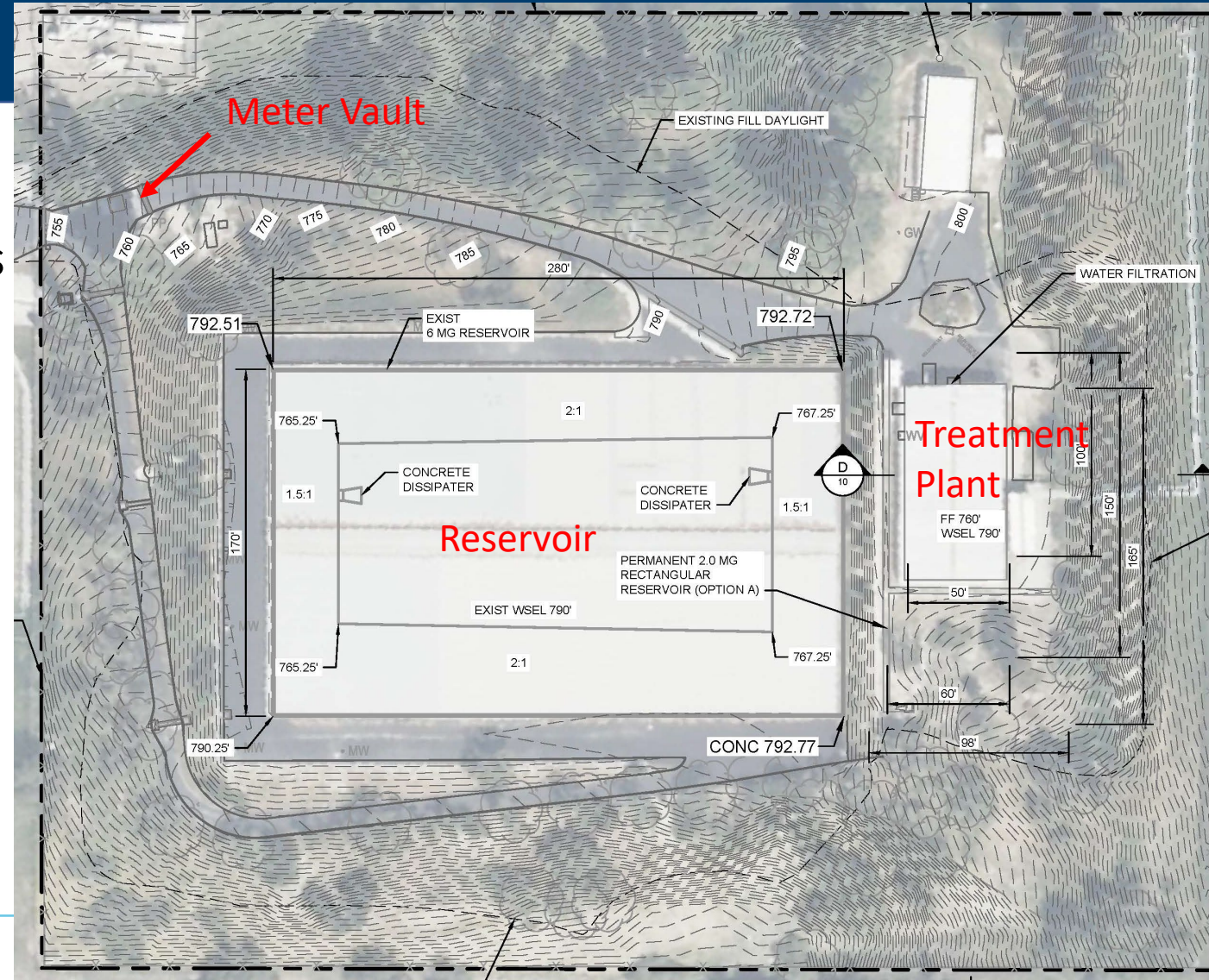
OC43 WALNUT VAULT

- This project replaces the existing vault and pipe.
- Current Status
 - Project awarded to T.E. Roberts
 - Procurement complete
- Next Steps
 - Public Outreach
 - Construction scheduled for April
- Project Schedule
 - Est. June 2023 Completion
- Impacts
 - Lead times



6MG RESERVOIR SITE

- This project develops concepts for the reservoir replacement, demolishes the existing treatment plant, and constructs meter vault improvements.
- Current Status
 - Preliminary Design in progress
 - Awarded Treatment Plant demo
 - Meter vault on order
- Next Steps
 - Demo Treatment Plant
 - Meter vault replacement
- Project Schedule
 - Est. demo and vault complete June 2023



1MG NEWPORT RES RECOATING

- This project repairs and recoats the interior and exterior of the reservoir.
- Current Status
 - Interior Recoated
 - Exterior Recoated
- Next Steps
 - Exterior Touchup
 - Washdown
 - Hookup Treatment Trailer
- Project Schedule
 - Est. March 2023 Completion
- Impacts
 - None





CAPITAL PROJECT STATUS

System	Project Title	Status	Expected Completion	FY 22-23 Budget	FY 22-23 Actual
ID1	ID1 CRA Project	Construction	Jun-23	\$ 9,000,000	\$ 3,801,245
RZ	VanderWerff Well Equipping	Construction	May-23	\$ 3,860,000	\$ 307,017
ALL	District Office Replacement	Design/Build	Apr-24	\$ 2,100,000	\$ 143,008
RZ	Barrett Reservoir Pump Station Replacement	Construction	May-23	\$ 1,720,000	\$ 55,345
RZ	Vista Panorama	Design/Build	Dec-23	\$ 1,200,000	\$ 102,757
RZ	Circula Panorama Pipeline Replacement/Conversion	Design	Dec-23	\$ 1,000,000	\$ 66,061
WZ	OC43 Walnut Vault Replacement	Construction	Jun-23	\$ 810,000	\$ 56,803
RZ/WZ	SCADA Replacement	Construction	Aug-23	\$ 800,000	\$ 36,250
WZ	1MG Newport Reservoir Roof Repair and Recoating	Construction	Mar-23	\$ 700,000	\$ 474,987
WZ	6MG Treatment Plant Demolition	Construction	Apr-23	\$ 300,000	\$ -
WZ	6MG Pipeline and Vault Improvements	Construction	Jun-23	\$ 300,000	\$ -
ID1	Manhole Additions, Raising, Frames and Covers	In Process	Ongoing	\$ 250,000	\$ 42,000
WZ	6MG Reservoir Replacement	Preliminary Design	N/A	\$ 200,000	\$ 21,733
RZ	Brae Glen Pipeline	Design	Jul-23	\$ 350,000	\$ 6,492
ID1	CIPP	Construction	Ongoing	\$ 300,000	\$ 61,894
WZ	Cathodic Protection Improvements	Design	Jun-23	\$ 190,000	\$ -
RZ/WZ	Valve Replacements	Ongoing	-	\$ 175,000	\$ 46,594
RZ	West Well Abandonment	Design	May-23	\$ 150,000	\$ 3,781
RZ	East Well Pump and Motor	On Hold	-	\$ 150,000	\$ -
RZ	Orange Knoll PRV Station	Design	Jun-23	\$ 130,000	\$ 12,159
ID1	Manhole Rehab/Replacement	In Process	Ongoing	\$ 125,000	\$ 125,000
RZ/WZ	Pipeline Replacements	In Process	-	\$ 110,000	\$ -
RZ	East Well Electrical	On Hold	-	\$ 100,000	\$ -
ALL	AWIA Cyber Security	In Process	May-23	\$ 99,900	\$ 31,706
RZ/WZ	Hydrant Replacements	Ongoing	-	\$ 75,000	\$ 15,267
RZ/WZ	Update Water System Specifications	In Process	Jun-23	\$ 50,000	\$ 46,920
RZ/WZ	Service Lateral Replacement	Ongoing	-	\$ 50,000	\$ 1,285
WZ	Wholesale Reservoir Backup Generators	Preliminary Design	Jan-24	\$ 50,000	\$ -
WZ	Evaluation of Newport Reservoir Pump Station	In Process	TBD	\$ 40,000	\$ 5,321
RZ/WZ	Update Water Specifications	In Process	Apr-23	\$ 50,000	\$ 46,920
RZ	Barrett Reservoir Ext. Recoating	Bid	Jun-23	\$ 30,000	\$ -
RZ/WZ	Update Water Atlas	In Process	Mar-23	\$ 10,000	\$ 4,361
WZ	Pedestal Replacement at Chandler Ranch	Construction	Mar-23	\$ 10,000	\$ 3,646
Total				\$ 24,484,900	\$ 5,518,552

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: RETAIL ZONE WELL LEVELS AND WATER USE
DATE: FEBRUARY 16, 2023

Background

This memo serves as cover for the well level and water use reports.

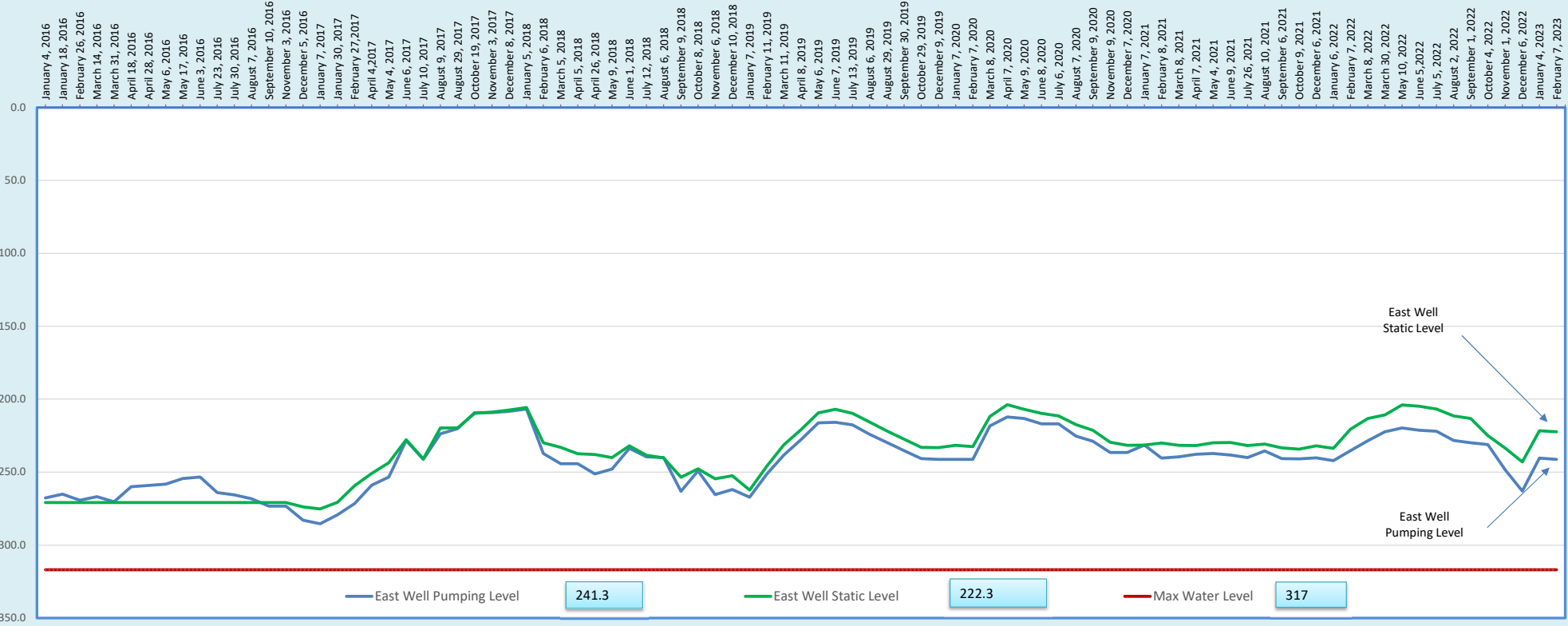
Recommendation

Information Only

Attachment(s)

Well Pumping and Static Water Level Report
RZ Water Use Report

East Well Pumping & Static Water Levels



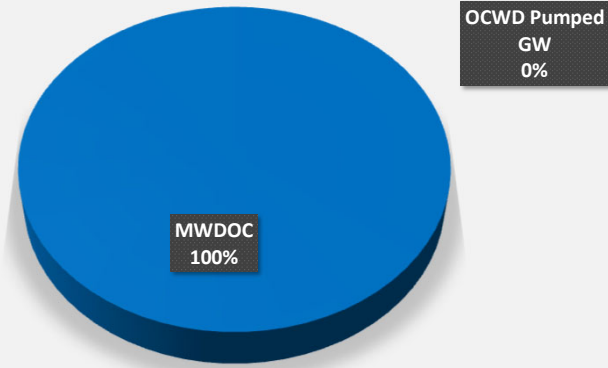
East Orange County Retail Zone Water Usage Report

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

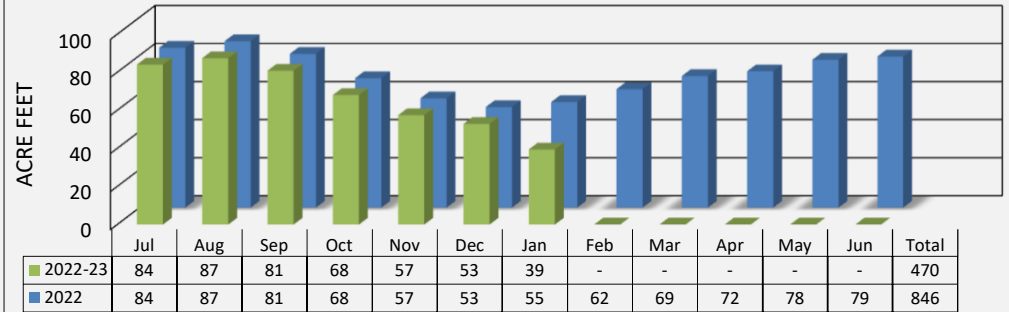
Type of Supply	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWDOC	84	87	81	68	57	53	39	-	-	-	-	-	470
OCWD Pumped GW	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	84	87	81	68	57	53	39	-	-	-	-	-	470

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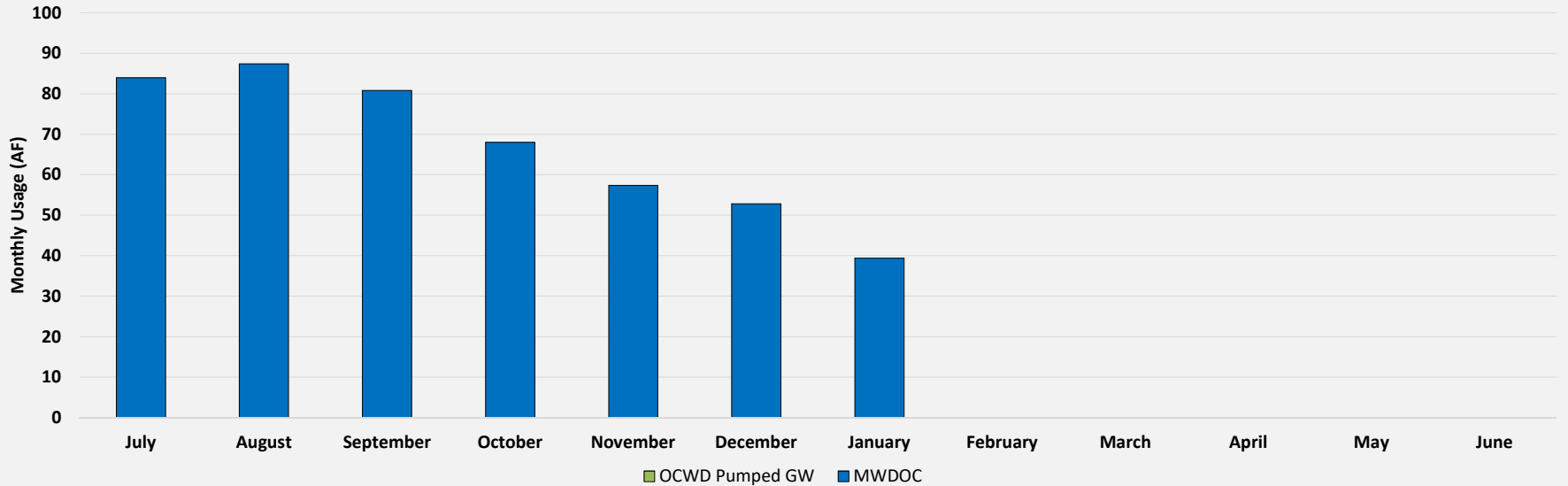
2022-23 Sources of Water



MWDOC Calendar Year and Fiscal Year Purchases



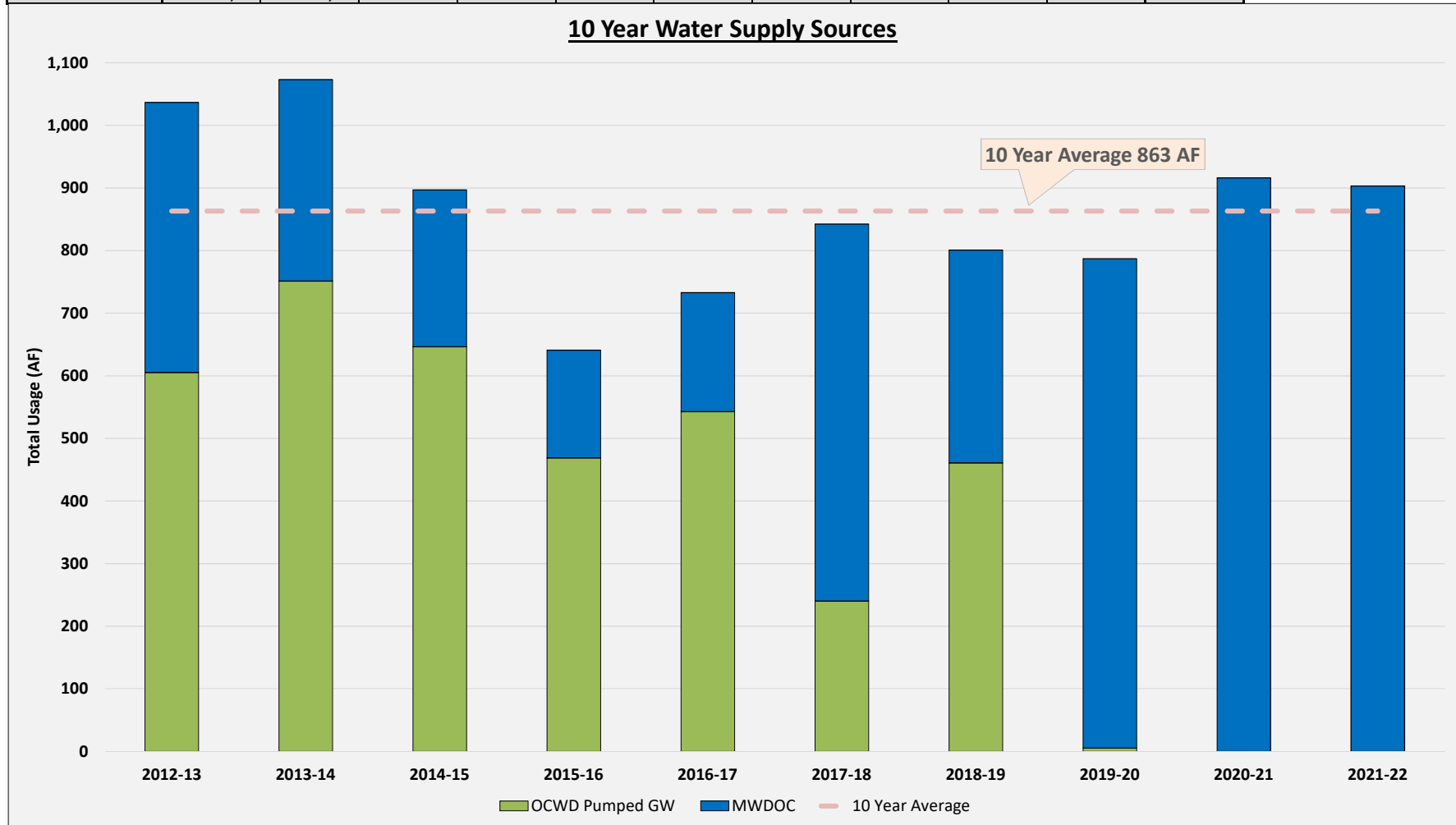
2022-23 Monthly Water Supply Sources



East Orange County Retail Zone Water Usage Report

Annual Water Usage

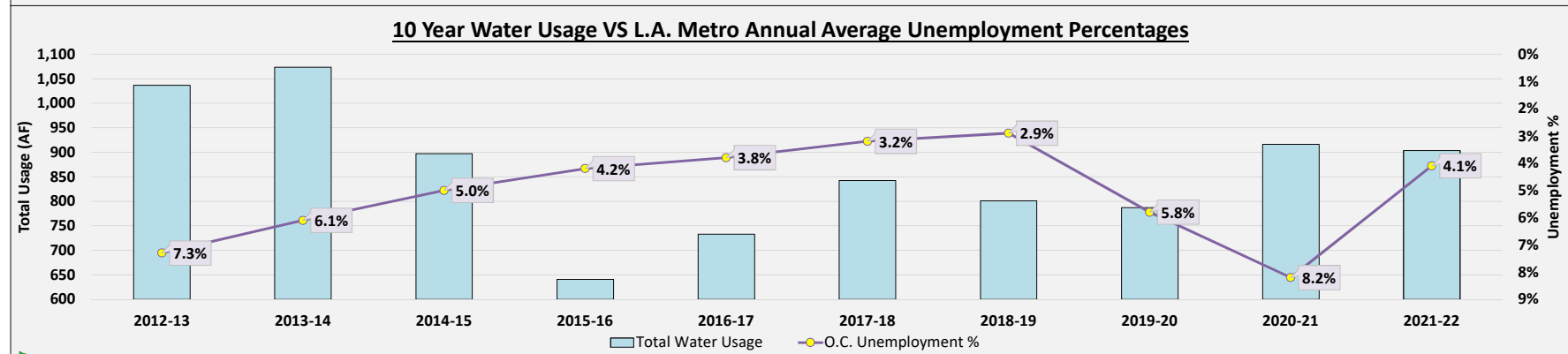
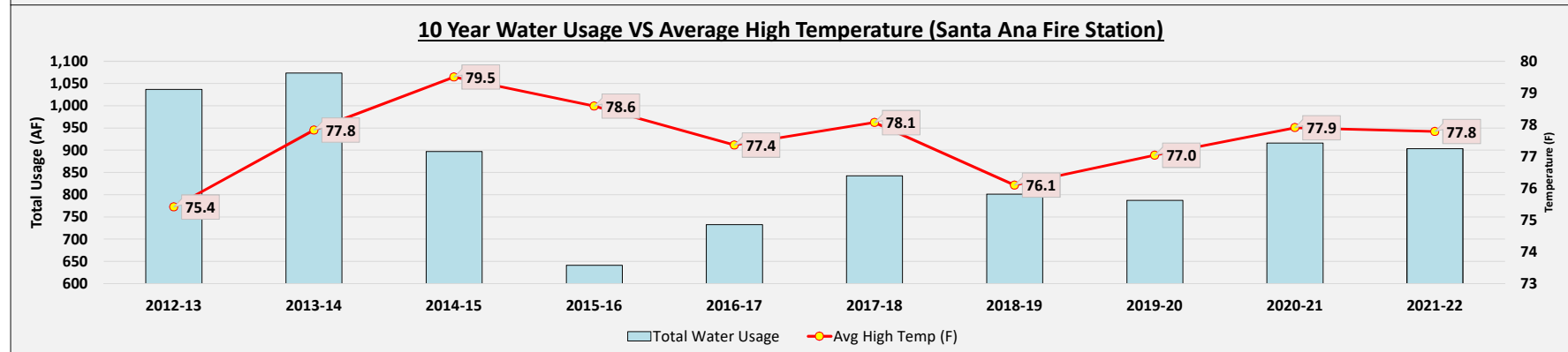
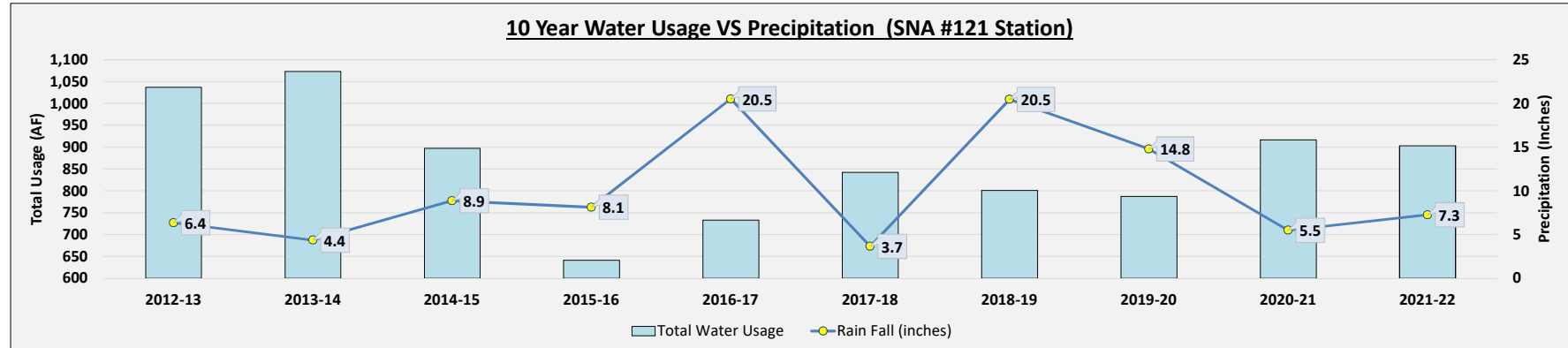
Type of Supply	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Average
MWDOC	431.3	322.0	250.7	172.1	190.2	602.1	340.0	781.8	916.4	903.3	491.0
OCWD Pumped GW	605.2	751.3	646.3	468.9	542.7	240.2	461.0	5.2	0.0	0.0	372.1
Total	1,037	1,073	897	641	733	842	801	787	916	903	863



East Orange County Retail Zone Water Usage Report

Water Usage Variables

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



East Orange County Retail Zone Water Usage Report

East Orange County Retail Zone Detailed Usage

Historical Monthly Potable Usage (Fiscal Year, July-June)

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

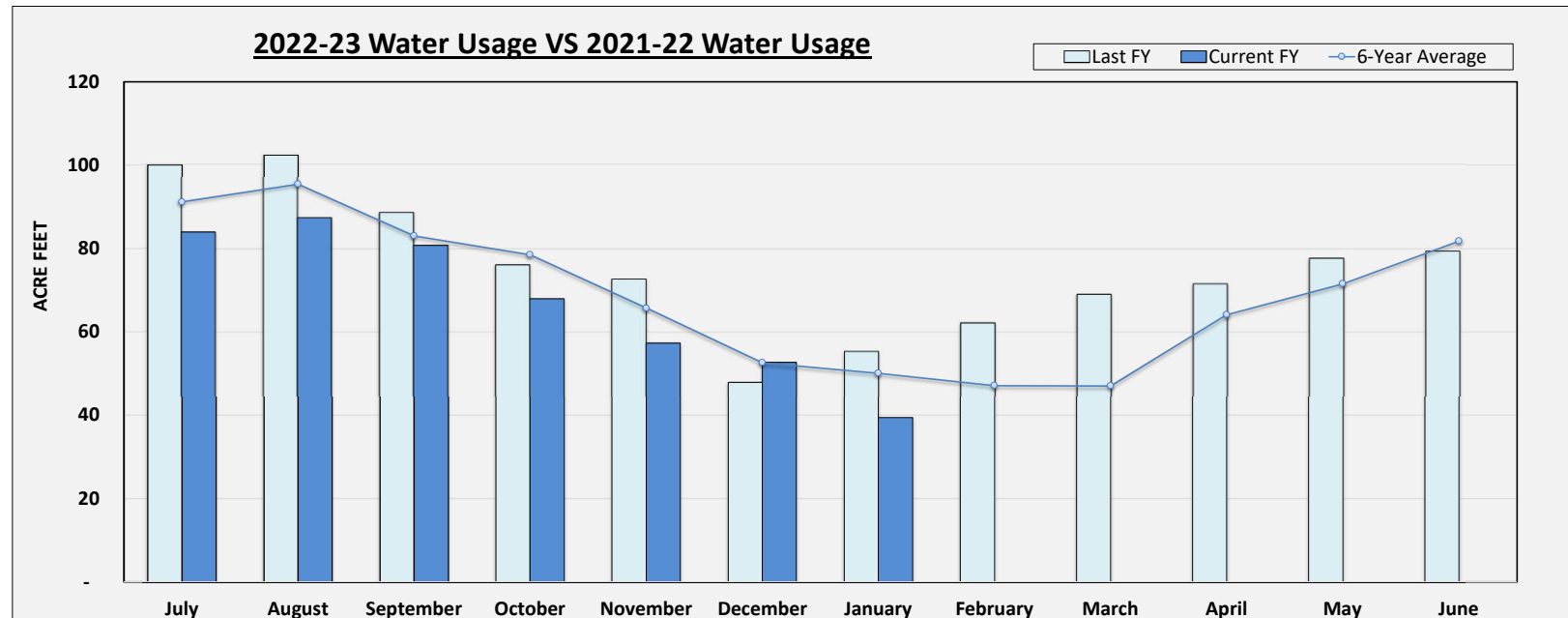
Water Usage By Source

Imported	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWD via EO Wholesale	84.0	87.4	80.8	68.0	57.4	52.8	39.4						469.8
Water from IRWD during OC-70 shutdown	-	-	-	-	-	-	-						-
CPTP	-	-	-	-	-	-	-						-
MWD In-Lieu*	-	-	-	-	-	-	-						-
Imported Total	84	87	81	68	57	53	39	-	-	-	-	-	469.8

*In-lieu totals are subtracted from imported totals

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

Total Usage 2022-23	July	August	September	October	November	December	January	February	March	April	May	June	Total
Total Usage 2022-23	84	87	81	68	57	53	39	-	-	-	-	-	470
FY 21-22 versus FY 22-23	-16%	-15%	-9%	-11%	-21%	+10%	-29%						

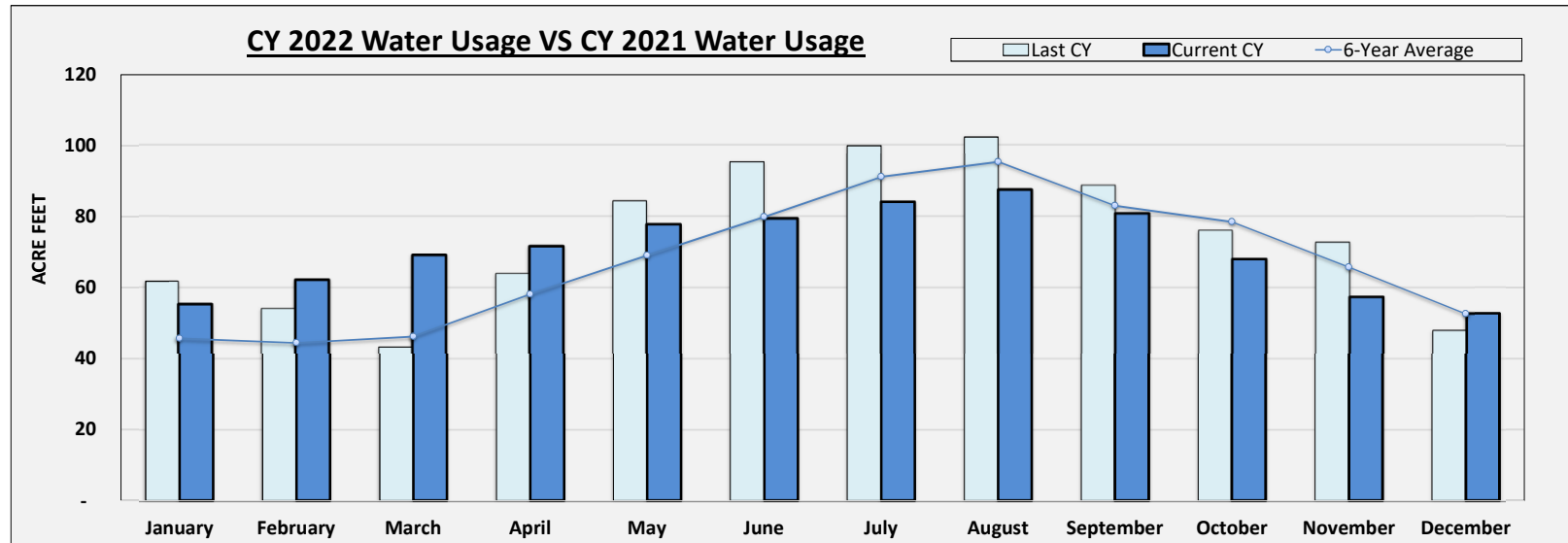


East Orange County Retail Zone Water Usage Report

Historical Monthly Potable Usage (Calendar Year)

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

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



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

	Population	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
2021-22 Usage (AF)		100	102	89	76	73	48	55	62	69	72	78	79	903
2021-22 GPCD	3,222	326	334	299	248	245	157	181	225	225	241	254	268	250
2022-23 Usage (AF)		84	87	81	68	57	53	39	-	-	-	-	-	470
2022-23 GPCD	3,230	273	284	272	221	193	172	128	-	-	-	-	-	224
FY over FY change in GPCD		-53	-50	-27	-27	-52	+15	-53						-27

*Cumulative through the end of the last month shown

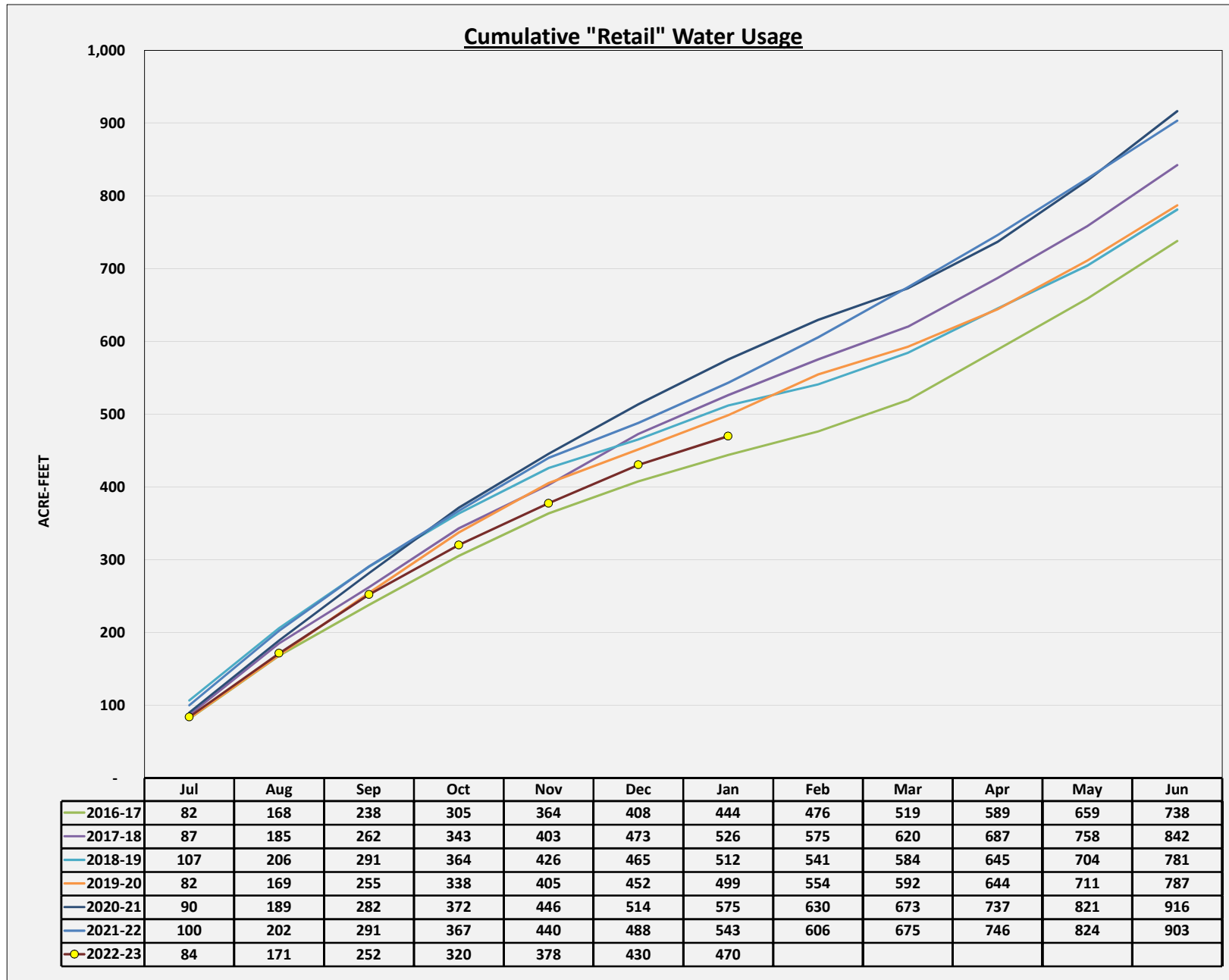
*GPCD = (Total Monthly Production - Fill up Reservoir) / Population/days in the month

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



East Orange County Retail Zone Water Usage Report

Cumulative Water Usage by Fiscal Year



MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: WHOLESALE ZONE WATER USE REPORT
DATE: FEBRUARY 16, 2023

Background

This memo serves as cover for the Wholesale Zone water use report.

Recommendation

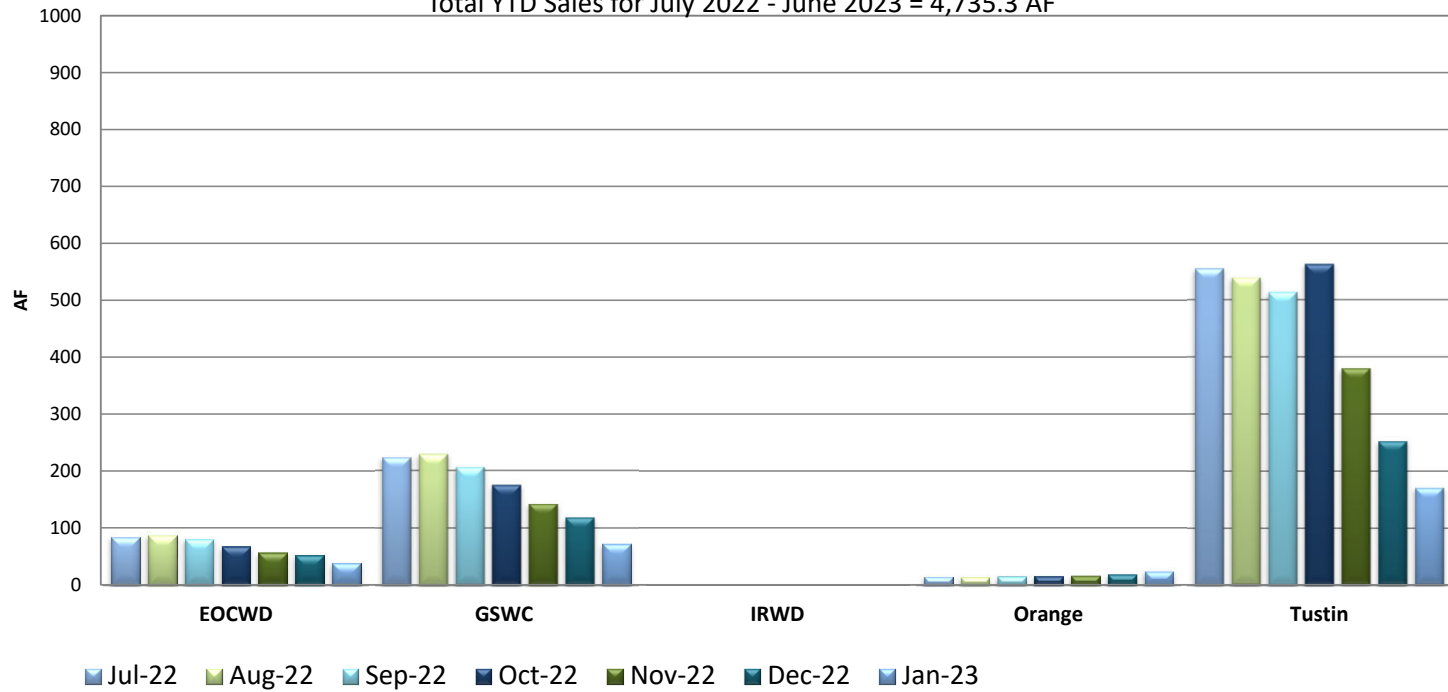
Information Only

Attachment(s)

Wholesale Zone Water Demand and Imported Water Delivery Balance Report

Wholesale Zone Water Demand

Total Monthly Sales for January 2023 = 308.0 AF
 Total YTD Sales for July 2022 - June 2023 = 4,735.3 AF



EOCWD IMPORTED WATER DELIVERY BALANCE - FY22/23

(Acre-feet)

	OC-43	OC-48			OC-70						TOTAL DELIVERIES BY AGENCY					
	MWD Tustin	Retail Zone	Golden State	Tustin	MWD Total	IRWD Jamboree	Orange	Retail Zone	Golden State	Tustin	MWD Total	IRWD OPA	Orange	Retail Zone	Golden State	Tustin
JUL	320.9	0.0	19.0	221.8	240.8	0.0	15.1	84.0	204.3	12.6	316.0	0.0	15.1	84.0	223.3	555.3
AUG	287.0	0.0	17.8	218.0	235.8	0.0	14.7	87.4	210.9	34.5	347.5	0.0	14.7	87.4	228.7	539.5
SEP	311.8	0.0	16.8	179.8	196.6	0.0	15.4	80.8	189.5	22.2	307.9	0.0	15.4	80.8	206.3	513.8
OCT	340.8	0.0	52.7	208.1	260.8	0.0	16.0	68.0	122.3	14.0	220.3	0.0	16.0	68.0	175.0	562.9
NOV	231.0	0.0	39.8	142.9	182.7	0.0	16.8	57.4	102.7	6.7	183.6	0.0	16.8	57.4	142.5	380.6
DEC	126.9	0.0	10.1	123.8	133.9	0.0	19.4	52.8	108.4	2.4	183.0	0.0	19.4	52.8	118.5	253.1
JAN	86.8	0.0	6.3	81.0	87.3	0.0	24.5	39.4	66.6	3.4	133.9	0.0	24.5	39.4	72.9	171.2
FEB												0.0	0.0	0.0	0.0	0.0
MAR												0.0	0.0	0.0	0.0	0.0
APR												0.0	0.0	0.0	0.0	0.0
MAY												0.0	0.0	0.0	0.0	0.0
JUN												0.0	0.0	0.0	0.0	0.0
Total	1705.2	0.0	162.5	1175.4	1337.9	0.0	121.9	469.8	1004.7	95.8	1692.2	0.0	121.9	469.8	1167.2	2976.4

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: SEWER SYSTEM STATUS AND PERMIT REPORT
DATE: FEBRUARY 16, 2023

Background

There were no sewer spills in December or January. The monthly Permit Reports for December and January are attached.

Recommendation

Information Only

Attachment(s)

Permit Reports

December 2022 - Sewer Connection & Wholesale Connection Permits

Connection Address	Type of Development	Permit No	APN	Date Issued	Regional CFCC (OCSD) Fees	Local Capacity Fees	Inspection Fees	Total Sewer	Wholesale Connection Meter Fees	Water District	Total
17282 Medallion Ave. Tustin, CA 92780	ADU	WZ2021-025	402-381-12	12/8/2022	\$ -	\$ -	\$ -	\$ -	\$ 634.00	Tustin	\$ 634.00
1100 Valencia Ave. & 1101 Bell Ave. Tustin, CA 92780	Commercial	22-018	430-241-07	12/2/2022	\$ -	\$ -	\$ -	\$ -	\$ -	Tustin	\$ -
12991 Barrett Ln. Santa Ana, CA 92705	SFR	22-118	393-261-12	12/12/2022	\$ 1,143.00	\$ -	\$ -	\$ 1,143.00	\$ -	EOCWD	\$ 1,143.00
Totals					\$ 1,143.00	\$ -	\$ -	\$ 1,143.00	\$ 634.00		\$ 1,777.00

December 2022 - In the Pipeline

Connection Address	Type of Development	Permit No	APN	Water District	Permit Status
9922 Newport Blvd, Santa Ana, 92705	New Construction - 16 SFRs	21-56 to 21-71	VTM No. 18062	GSWC	Pending resolution of design
9751 Brier Lane, Santa Ana, 92705	Septic Conversion	21-77	503-321-16	GSWC	Pending resolution of design
9761 Brier Lane, Santa Ana, 92705	Septic Conversion	21-78	503-321-14	GSWC	Pending resolution of design
17802 Irvine Blvd. Tustin, CA 92780	Commercial	21-124	401-414-13	Tustin	Pending submittal of plans
12328 Circula Panorama, Santa Ana, CA 92705	SFR	22-052	094-212-38	EOCWD	Pending revised plans
14491 Oxford Ave. Tustin, CA 92780	ADU	22-077	432-303-16	Tustin	Pending customer payment and signature
13757 - 13807 Red Hill Ave. Tustin, CA 92780	SFR & MFR	22-081	500-141-09	Tustin	Pending revised plans
13757 - 13807 Red Hill Ave. Tustin, CA 92780	SFR & MFR	22-082	500-141-10	Tustin	Pending revised plans
2051 & 2071 Salt Air Dr. Santa Ana, CA 92705	ADU	22-085	104-632-01	Tustin	Pending customer payment and signature
13852 Dall Ln. Santa Ana, CA 92705	ADU	22-088	395-411-04	Tustin	Pending customer payment and signature
14031 Woodlawn Ave. Tustin, CA 92780	ADU	22-089	432-052-15	Tustin	Pending customer payment and signature
18191 Bigelow Park, Tustin, CA 92780	ADU	22-091	401-453-08	Tustin	Pending customer response
1041 S. E. Skyline Dr. Santa Ana, CA 92705	Studio Room	22-093	502-101-04	Tustin	Pending customer payment and signature
16791 McFadden Ave. Tustin, CA 92780	Commercial	22-097	402-301-08	Tustin	Pending customer payment and signature
14081 Carfax Ave. Tustin, CA 92780	ADU	22-100	432-063-15	Tustin	Pending customer payment and signature
1032 Bonita St. Tustin, CA 92780	ADU MFR	22-104	500-151-16	Tustin	Pending customer payment and signature
10611 Cowan Heights Dr. Santa Ana, CA 92705	ADU	22-105	503-611-28	GSWC	Pending customer submission of plans
350 Pasadena Ave. Tustin, CA 92780; Unit 1	MFR	22-108	401-543-16	Tustin	Pending customer response
350 Pasadena Ave. Tustin, CA 92780; Unit 2	MFR	22-109	401-543-16	Tustin	Pending customer response
12892 Panorama Pl. Santa Ana, CA 92705	SFR	22-110	393-053-29	EOCWD	Pending customer payment and signature
14442 Acacia Dr. Tustin, CA 92780	SFR	22-111	401-111-21	Tustin	Pending customer payment and signature
14062 Carfax Ave. Tustin, CA 92705	SFR MFR	22-114	432-065-16	Tustin	Pending customer response
12402 Ranchwood Rd. Santa Ana, CA 92705	SFR	22-116	104-333-08	Tustin	Pending customer payment and signature
382 Prospect Ave. Tustin, CA 92890	SFR ADU	22-119	401-141-34	Tustin	Pending customer response
1892 Royal Oak Rd. Tustin, CA 92780	SFR	22-120	432-281-25	Tustin	Pending customer payment and signature
10591 Cowan Heights Dr. Santa Ana, CA 92705	SFR ADU	22-121	503-611-27	GSWC	Pending customer response
18931 & 18935 E. Center Ave. Orange, CA 92869	SFR	22-122	393-082-22	Orange	Pending customer response
12384 Circula Panorama, Santa Ana, CA 92705	SFR	22-123	094-221-29	EOCWD	Pending review of fire flow analysis results
12372 Country Ln. Santa Ana, CA 92705	SFR	22-124	103-501-06	Tustin	Pending revised plans from customer
1812 Holly Tree Lane, Santa Ana 92705	SFR	22-125	503-391-02	GSWC	Pending connection verification
14472 Heights Dr. Tustin, CA 92780	ADU	22-126	401-101-04	Tustin	Pending customer response
11792 Red Hill Ave. Santa Ana, CA 92705	SFR ADU	22-127	502-011-33	GSWC	Submitted variance request
14781 Livingston & 14785 Livingston St. Tustin, CA	SFR ADU	22-128	401-482-08	Tustin	Pending customer response
19462 Holiday Ln. Santa Ana, CA 92705	SFR	22-129	393-261-19	EOCWD	Pending payment for fire flow

January 2023 - Sewer Connection & Wholesale Connection Permits

Connection Address	Type of Development	Sewer Permit No	APN	Date Issued	Regional CFCC (OCSD) Fees	Local Sewer Capacity Fees	Inspection Fees	Total Sewer	Wholesale Connection Meter Fees	Retail Connection Meter Fees	Water District	Total
1042 San Juan St. Tustin, CA 92780	SFR MFR	22-038	500-153-18	1/23/2023	\$ 29,458.00	\$ 12,345.00	\$ 800.00	\$ 42,603.00	\$ 4,760.00	\$ -	Tustin	\$ 47,363.00
13852 Dall Ln. Santa Ana, CA 92705	ADU	22-088	395-411-04	12/7/2022	\$ 1,083.49	\$ 638.99	\$ -	\$ 1,722.48	\$ -	\$ -	Tustin	\$ 1,722.48
10611 Cowan Heights Dr. Santa Ana, CA 92705	ADU	22-105	503-611-28	1/23/2023	\$ 1,787.20	\$ 357.63	\$ 800.00	\$ 2,944.83	\$ 459.61	\$ -	GSWC	\$ 3,404.44
13412 Shepard Way. Santa Ana, CA 92705	ADU	22-112	393-212-14	1/6/2023	\$ 665.73	\$ 251.46	\$ 800.00	\$ 1,717.19	\$ 96.31	\$ 617.39	EOCWD	\$ 2,430.89
12402 Ranchwood Rd. Santa Ana, CA 92705	SFR	22-116	104-333-08	1/13/2023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Tustin	\$ -
17616 Sherbrook Dr. Santa Ana, CA 92705	SFR ADU	22-117	401-024-17	1/13/2023	\$ 511.15	\$ 189.72	\$ -	\$ 700.87	\$ 73.15	\$ -	Tustin	\$ 774.02
1812 Holly Tree Lane, Santa Ana 92705	SFR	22-125	503-391-02	1/20/2023	\$ 1,275.61	\$ 317.95	\$ -	\$ 1,593.56	\$ 204.24	\$ -	GSWC	\$ 1,797.80
14472 Heights Dr. Tustin, CA 92780	ADU	22-127	401-101-04	1/25/2023	\$ 885.62	\$ 406.72	\$ 800.00	\$ 2,092.34	\$ 634.00	\$ -	Tustin	\$ 2,726.34
1801 Windsor Ln. Santa Ana, CA 92705	ADU	22-130	103-512-10	1/23/2023	\$ 1,731.35	\$ 589.79	\$ 800.00	\$ 3,121.14	\$ 384.59	\$ -	Tustin	\$ 3,505.73
18951 E. Pearl & 18957 E. Pearl Ave. Orange, CA 92866	ADU	23-001	383-271-26	1/31/2023	\$ 1,090.19	\$ 870.57	\$ -	\$ 1,960.76	\$ 335.68	\$ -	Orange	\$ 2,296.44
12872 Via Aventura, Santa Ana, CA 92705	SFR	23-002	393-032-43	1/24/2023	\$ 1,237.00	\$ -	\$ -	\$ 1,237.00	\$ -	\$ -	EOCWD	\$ 1,237.00
Totals					\$ 39,725.34	\$ 15,967.83	\$ 4,000.00	\$ 59,693.17	\$ 6,947.58	\$ 617.39		\$ 67,258.14

January 2023 - In the Pipeline

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9751 Brier Lane, Santa Ana, 92705	Septic Conversion	21-77	503-321-16	GSWC	Pending resolution of design
9761 Brier Lane, Santa Ana, 92705	Septic Conversion	21-78	503-321-14	GSWC	Pending resolution of design
17802 Irvine Blvd. Tustin, CA 92780	Commercial	21-124	401-414-13	Tustin	Pending submittal of plans
12328 Circula Panorama, Santa Ana, CA 92705	SFR	22-052	094-212-38	EOCWD	Pending revised plans
14491 Oxford Ave. Tustin, CA 92780	ADU	22-077	432-303-16	Tustin	Pending customer payment and signature
13757 - 13807 Red Hill Ave. Tustin, CA 92780	SFR & MFR	22-081	500-141-09	Tustin	Pending revised plans
13757 - 13807 Red Hill Ave. Tustin, CA 92780	SFR & MFR	22-082	500-141-10	Tustin	Pending revised plans
2051 & 2071 Salt Air Dr. Santa Ana, CA 92705	ADU	22-085	104-632-01	Tustin	Pending customer payment and signature
14031 Woodlawn Ave. Tustin, CA 92780	ADU	22-089	432-052-15	Tustin	Pending customer payment and signature
18191 Bigelow Park, Tustin, CA 92780	ADU	22-091	401-453-08	Tustin	Pending customer response
1041 S. E. Skyline Dr. Santa Ana, CA 92705	Studio Room	22-093	502-101-04	Tustin	Pending customer payment and signature
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1032 Bonita St. Tustin, CA 92780	ADU MFR	22-104	500-151-16	Tustin	Pending customer payment and signature
350 Pasadena Ave. Tustin, CA 92780; Unit 1	MFR	22-108	401-543-16	Tustin	Pending customer response
350 Pasadena Ave. Tustin, CA 92780; Unit 2	MFR	22-109	401-543-16	Tustin	Pending customer response
12892 Panorama Pl. Santa Ana, CA 92705	SFR	22-110	393-053-29	EOCWD	Pending customer payment and signature
14442 Acacia Dr. Tustin, CA 92780	SFR	22-111	401-111-21	Tustin	Pending customer payment and signature
14062 Carfax Ave. Tustin, CA 92705	SFR MFR	22-114	432-065-16	Tustin	Pending customer response
382 Prospect Ave. Tustin, CA 92890	SFR ADU	22-119	401-141-34	Tustin	Pending customer response
1892 Royal Oak Rd. Tustin, CA 92780	SFR	22-120	432-281-25	Tustin	Pending customer payment and signature
10591 Cowan Heights Dr. Santa Ana, CA 92705	SFR ADU	22-121	503-611-27	GSWC	Pending customer response
18931 & 18935 E. Center Ave. Orange, CA 92869	SFR	22-122	393-082-22	Orange	Pending customer response
12384 Circula Panorama, Santa Ana, CA 92705	SFR	22-123	094-221-29	EOCWD	Pending revised plans from customer
12372 Country Ln. Santa Ana, CA 92705	SFR	22-124	103-501-06	Tustin	Pending revised plans from customer
14472 Heights Dr. Tustin, CA 92780	ADU	22-126	401-101-04	Tustin	Pending customer response
14781 & 14785 Livingston St. Tustin, CA 92780	SFR ADU	22-128	401-482-08	Tustin	Pending customer response
10692 Rockhurst Ave. Santa Ana, CA 92705	ADU	23-003	503-711-25	GSWC	Pending customer response
14091 & 14093 Stratton Way. Santa Ana, CA 92705	ADU	23-005	401-073-06	GSWC	Pending revised plans
1311 Smokewood Dr. Santa Ana, CA 92705	SFR ADU	23-006	393-061-05	Tustin	Pending revised plans
14082 Charloma Dr. Tustin, CA 92780	SFR ADU	23-007	432-052-06	Tustin	Pending customer response