

AGENDA

EAST ORANGE COUNTY WATER DISTRICT

ENGINEERING AND OPERATIONS COMMITTEE MEETING

Thursday, October 17, 2024 at 9:00 A.M.
185 N. McPherson Road, Orange, California

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

Informational Items

4. Geographical Information System Presentation
5. RZ System Status, Well Levels, and Water Use – Handout
6. WZ System Status and Water Use – Handout
7. Sewer System Status and Permit Reports

Action Items

8. District Headquarters Building Final Acceptance
9. Barrett Pump Station Final Acceptance
10. Circula Panorama Customer PRV Installation Final Acceptance
11. WZ and RZ Master Plan Award
12. Sewer Manhole Adjustment Award
13. Adjournment

Members of the public shall be permitted to speak as to both agendized and non-agendized items, as reflected in the agenda. Those wishing to speak may submit a speaker request 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 Committee. Members of the public wishing to attend the meeting that require disability-related or 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: GEOGRAPHICAL INFORMATION SYSTEM PRESENTATION
DATE: OCTOBER 17, 2024

Background

This item serves as cover for a demonstration of the Geographical Information System presented by Staff to the Committee.

Recommendation

Informational

Attachment(s) None

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: RETAIL ZONE SYSTEM STATUS, WELL LEVELS, AND WATER USE
DATE: OCTOBER 17, 2024

Background

This memo serves as cover for the water use and well reports. The RZ Water Use Report and the Well Pumping and Static Water Level Report will be handed out at the meeting.

Recommendation

Informational

Attachment(s) None

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: WHOLESALE ZONE WATER USE REPORT
DATE: OCTOBER 17, 2024

Background

This memo serves as cover for the Wholesale Zone water demand and imported water report. The Wholesale Zone Water Demand and Imported Water Delivery Balance Report will be handed out at the meeting.

Recommendation

Informational

Attachment(s) None

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: SEWER SYSTEM STATUS AND PERMIT REPORT
DATE: OCTOBER 17, 2024

Background

There were no sewer spills in September. The monthly Permit Report for September is attached.

Recommendation

Informational

Attachment(s) Permit Report

September 2024 - Permits

Connection Address	Type of Development	Permit No	APN	Date Issued	Sewer				Wholesale Zone	Retail Zone	Total
					Regional CFCC (OCSD) Fees	Local Sewer Capacity Fees	Inspection	Total Sewer			
14031 Utt Dr. Tustin, CA 92780	Meter Up-Size	WZ2024-070	432-053-15	9/7/2024	\$ -	\$ -	\$ -	\$ -	\$ 719.00	\$ -	\$ 719.00
10511 Terrance View, Santa Ana, CA 92705	SFR (R)	24-053	503-703-05	9/9/2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13371 Diamond Head Dr, Tustin, CA 92780	ADU (N)	24-061	103-523-08	9/16/2024	\$ 2,376.00	\$ 8,402.78	\$ 800.00	\$ 11,578.78	\$ 2,517.00	\$ -	\$ 14,095.78
1122 Hyde Park Dr. Santa Ana	SFR (R)	24-066	503-523-02	9/10/2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12282 Newport Ave. Santa Ana, CA 92705	ADU (N)	23-069	501-031-92	9/5/2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13162 Shasta Way, Santa Ana, CA 92705	SFR (R) ADU (N)	24-072	395-323-04	9/16/2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals					\$ 2,376.00	\$ 8,402.78	\$ 800.00	\$ 11,578.78	\$ 3,236.00	\$ -	\$ 14,814.78

September 2024 - In the Pipeline

Connection Address	Type of Development	Permit No	APN	Permit Status
12221 Circula Panorama, Santa Ana, CA	ADU (N) JADU (N)	23-077	094-212-06	Pending customer payment and signature
14192 Yorba St. Tustin, CA 92780	SFR (N)	24-012	401-231-38	Pending customer response
1892 Lemon Heights Dr. Santa Ana, CA	Septic to Sewer & ADU (N)	24-024	502-362-15	Pending customer payment and signature
11931 Arroyo Dr. Santa Ana, CA 92705	ADU (N)	24-044	502-151-03	Pending revised plans
14232 Newport Ave. Tustin, CA 92780	Commerical (N)	24-045	432-073-01	Pending revised plans
16791 McFadden Ave. Tustin, CA 92780	Commerical (R)	24-057	402-301-42	Pending customer response
13121 Shasta Way, Santa Ana, CA 92705	ADU (N)	24-059	093-331-01	Pending customer response
13782 Ridgecrest Cir. Tustin, CA 92780	ADU (N)	24-060	395-291-25	Pending revised plans
12334 Circula Panorama, Santa Ana, 92705	SFR (N)	24-067	094-221-28	Pending revised plans
12862 Panorama Pl. Santa Ana, CA 92705	SFR (R)	24-065	393-053-02	Pending revised plans
1272 Arroyo Lindo Dr. Santa Ana, CA 92705	SFR (R)	24-069	502-154-16	Pending customer response
14042 Brenan Way. Santa Ana, CA 92705	SFR (N) ADU (N)	24-070	401-061-04	Pending revised plans
14022 Brenan Way. Santa Ana, CA 92705	SFR (N) ADU (N)	24-071	401-061-03	Pending revised plans
1052 & 1056 Andrews St. Tustin, CA 92780	SFR (R) ADU (N)	24-073	500-171-15	Pending revised plans
1432 Olwyn Dr. Tustin, CA 92780	SFR (R)	24-074	103-533-07	Pending customer payment and signature
13142 Laurinda Way & 17821 Whitney Dr,	ADU (N)	24-075	395-211-28	Pending customer payment and signature
17531 Medford Ave. Tustin, CA 92705	ADU (N)	24-076	395-162-69	Pending customer payment and signature
1042 & 1046 Andrews St. Tustin, CA 92780	SFR (R) ADU (N)	24-077	500-171-16	Pending revised plans

R - Remodel
N - New
E - Existing

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: DISTRICT HEADQUARTERS BUILDING PROJECT – FINAL ACCEPTANCE
DATE: OCTOBER 17, 2024

Background

The District Headquarters Building Project (Project) replaced the existing administration office trailer and field office buildings with a new 5,850 SF office building, parking lot, and other improvements. The design-build project was awarded to Snyder Langston at the January 19, 2023 Board meeting and amended at the March 23, 2023 meeting.

Snyder Langston has completed construction of the building and all punch list items and acceptance of construction is recommended.

DISTRICT HEADQUARTERS BUILDING REPLACEMENT PROJECT SUMMARY	
Project Budget	\$8,700,000
Project Actual	\$8,680,000
Construction Management	Butier Engineering
Contractor	Snyder Langston
Amended Contract	\$7,200,000
Final Contract	\$7,468,555
Original Contract Days	430
Final Contract Days	445

Significant change orders and unforeseen alterations included electric and gas utility relocation, an additional office, upgrades to interior finishes, lowering the East well pipeline, and adding a hydrant.

In order to provide access to the new District Headquarters Building for fire-fighting equipment, as a permitting requirement, the City of Orange Fire Department requires access easements at both entry gates into the parking lot. A copy of the easement document with Exhibit is attached. Staff recommends acceptance and execution of the proposed easement.

Recommendation

That the Committee recommend the Board:

1. Accept construction of the District Administration Building.
2. Authorize the General Manager to file a Notice of Completion.
3. Authorize payment of any remaining balance of retention 35 days after the date of recording the notice of completion, and
4. Grant and approve execution by the General Manager of the proposed easement on the District's property at 185 N. McPherson to the City of Orange.

Attachment(s): Easement

Recording Requested by and

Return to:

CITY OF ORANGE
c/o City Clerk
300 East Chapman Avenue
Orange, California 92666

MAIL TAX STATEMENTS TO: SAME AS ABOVE

APN: 383-091-01

Space above this line for Recorder's Use
Documentary Transfer Tax \$EXEMPT-
Revenue & Taxation Code § 11922

No recording fee per Govt Code § 6103 & 27383

LOCATION:
185 N. McPherson Rd.
Orange, CA 92869

EASEMENT DEED

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, the EAST ORANGE COUNTY WATER DISTRICT hereby grants and conveys to the CITY OF ORANGE, a municipal corporation, a perpetual easement and right away for fire access in, on, across, and through all that real property situated in the City of Orange, County of Orange, State of California, described as follows:

SEE LEGAL DESCRIPTION ATTACHED TO AND MADE PART OF AS EXHIBIT A,
SEE PLAT MAP, ATTACHED HERE TOO, AND MADE PART OF AS EXHIBIT B.

DATED: _____
STATE OF CALIFORNIA }
COUNTY OF ORANGE }

EAST ORANGE COUNTY WATER DISTRICT

By: _____
David Youngblood, General Manager

R/W Deed # _____

EXHIBIT "A"
FIRE ACCESS EASEMENT

THOSE PORTIONS OF LOTS 15 AND 16 OF BLOCK "B" OF TOWN OF McPHERSON, IN THE CITY OF ORANGE, COUNTY OF ORANGE, STATE OF CALIFORNIA, PER MAP RECORDED IN BOOK 14, PAGES 81 AND 82, RECORDS OF LOS ANGELES COUNTY, DESCRIBED AS FOLLOWS:

STRIP 1:

A STRIP OF LAND, 20.00 FEET WIDE, THE CENTERLINE OF SAID STRIP BEING DESCRIBED AS FOLLOW:

COMMENCING AT THE CENTERLINE INTERSECTION OF PEARL STREET AND McPHERSON ROAD, AS SHOWN ON TRACT NO. 14756, IN SAID CITY OF ORANGE, PER MAP FILED IN BOOK 710, PAGES 7 AND 8 OF MISCELLANEOUS MAPS, RECORDS OF SAID ORANGE COUNTY;

THENCE, ALONG SAID CENTERLINE OF McPHERSON ROAD, NORTH 01°06'24" EAST, 207.94 FEET TO THE **POINT OF BEGINNING**;

THENCE, LEAVING SAID CENTERLINE OF McPHERSON ROAD, SOUTH 88°53'36" EAST, 120.00 FEET.

EXCEPTING THEREFROM THAT PORTION LYING WITHIN SAID McPHERSON ROAD.

STRIP 2:

A STRIP OF LAND, 20.00 FEET WIDE, THE CENTERLINE OF SAID STRIP BEING DESCRIBED AS FOLLOW:

COMMENCING AT THE CENTERLINE INTERSECTION OF PEARL STREET AND McPHERSON ROAD, AS SHOWN ON TRACT NO. 14756, IN SAID CITY OF ORANGE, PER MAP FILED IN BOOK 710, PAGES 7 AND 8 OF MISCELLANEOUS MAPS, RECORDS OF SAID ORANGE COUNTY;

THENCE, ALONG SAID CENTERLINE OF McPHERSON ROAD, NORTH 01°06'24" EAST, 276.00 FEET TO THE **POINT OF BEGINNING**;

THENCE, LEAVING SAID CENTERLINE OF McPHERSON ROAD, SOUTH 88°53'36" EAST, 120.00 FEET.

EXCEPTING THEREFROM THAT PORTION LYING WITHIN SAID McPHERSON ROAD.

EXHIBIT "A"
FIRE ACCESS EASEMENT

ALSO AS SHOWN ON EXHIBIT "B" ATTACHED HERETO AND HEREBY MADE A PART
HEREOF.

SUBJECT TO COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS,
EASEMENTS, AND RIGHTS-OF-WAY OF RECORD, IF ANY.



PREPARED BY: STANTEC CONSULTING INC.
UNDER THE DIRECTION OF:

Minh A. Le

MINH A. LE, P.L.S. 8543

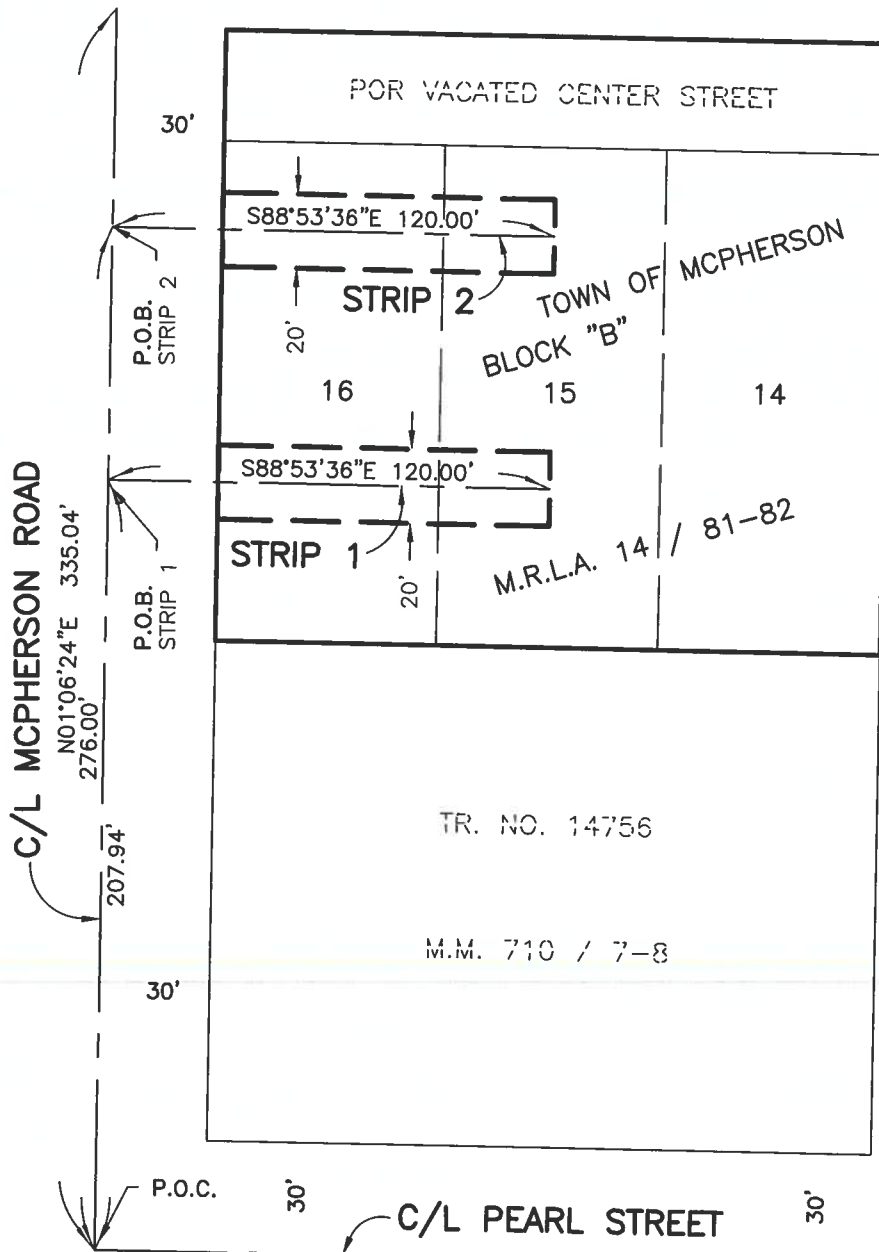
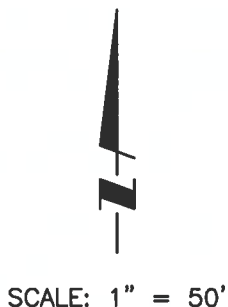
MARCH 29, 2024
J.N. 2042 666800

EXHIBIT "B"

SHEET 1 OF 1

PORTIONS OF LOTS 15 AND 16 OF BLOCK "B" OF MAP OF THE TOWN OF MCPHERSON, M.R.L.A.
BOOK 14 / 81-82, IN THE CITY OF ORANGE, COUNTY OF ORANGE, STATE OF CALIFORNIA.

FIRE ACCESS EASEMENT



Minh A. Le
MINH A. LE, P.L.S 8543

Stantec
38 TECHNOLOGY DRIVE
IRVINE, CA 92618
stantec.com

J.N. 2042 666800

DATE: 3/29/24

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: BARRETT PUMP STATION REPLACEMENT – FINAL ACCEPTANCE
DATE: OCTOBER 17, 2024

Background

The Barrett Pump Station Replacement Project (Project) replaced the existing Retail Zone pump station at the Barrett Reservoir site. The Board awarded construction of the Project to Pacific Hydrotech at the August 18, 2022 Board meeting. Pacific Hydrotech completed construction of the pump station and the pump station has received final inspection. The pump station is in operation and acceptance of construction is recommended.

BARRETT PUMP STATION REPLACEMENT PROJECT SUMMARY	
Project Budget	\$1,720,000
Project Actual	\$1,560,000
Construction Management	MKN & Associates
Contractor	Pacific Hydrotech
Original Contract Cost	\$1,457,100
Final Contract Cost	\$1,327,710
Original Contract Days	180
Final Contract Days	362

Significant change orders included changes to the piping and a credit for the temporary pumping system that was not required. Delays to the completion and commissioning of the pump station were caused by long lead time electrical equipment and replacement of the SCADA Integrator due to non-performance.

Recommendation

That the Committee recommend the Board:

1. Accept construction of the Barrett Pump Station
2. Authorize the General Manager to file a Notice of Completion
3. Authorize payment of the retention 35 days after the date of recording the notice of completion.

Attachment(s): Photos

OLD BARRETT PUMP STATION



NEW BARRETT PUMP STATION



MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: CIRCULA PANORAMA CUSTOMER PRV INSTALLATION - FINAL ACCEPTANCE
DATE: OCTOBER 17, 2024

Background

The Circula Panorama Customer PRV Project (Project) was constructed in conjunction with the Circula Panorama Pipeline Replacement Project. The Board awarded construction of the Project to Mike Bubalo Construction (MBC) at the December 14, 2023 meeting. MBC installed 75 customer pressure reducing valves (PRVs) downstream of the customer meters to mitigate the higher pressure as a result of the pressure zone change with the pipeline project, see attached Exhibit. MBC has completed construction of all of the PRV’s and all punch list items. The project has received final inspection and acceptance of construction is recommended.

CIRCULA PANORAMA CUSTOMER PRV INSTALLATION PROJECT SUMMARY	
Construction Management	Butier Engineering
Contractor	Mike Bubalo Construction
Original Contract Cost	\$184,000
Final Contract Cost	\$193,540
Original Contract Days	90
Final Contract Days	90

Recommendation

That the Committee recommend the Board:

1. Accept construction of the Circula Panorama Customer PRVs
2. Authorize the General Manager to file a Notice of Completion
3. Authorize payment of the retention 35 days after the date of recording the notice of completion.

Attachment(s): Exhibit

Zone 3 to Zone 2 Conversion Pipeline

- Pumps (4)
- Pressure Reducing Station (3)
- Air Release (14)
- Global Valve and Controls (5)
- Blowoff (1)
- Water Main (367)
- Abandoned Water Main (29)
- New 12" Water Main
- CUSTOMER PRV Parcel

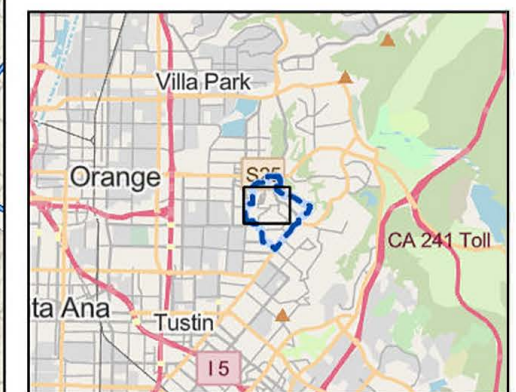
For reference only.

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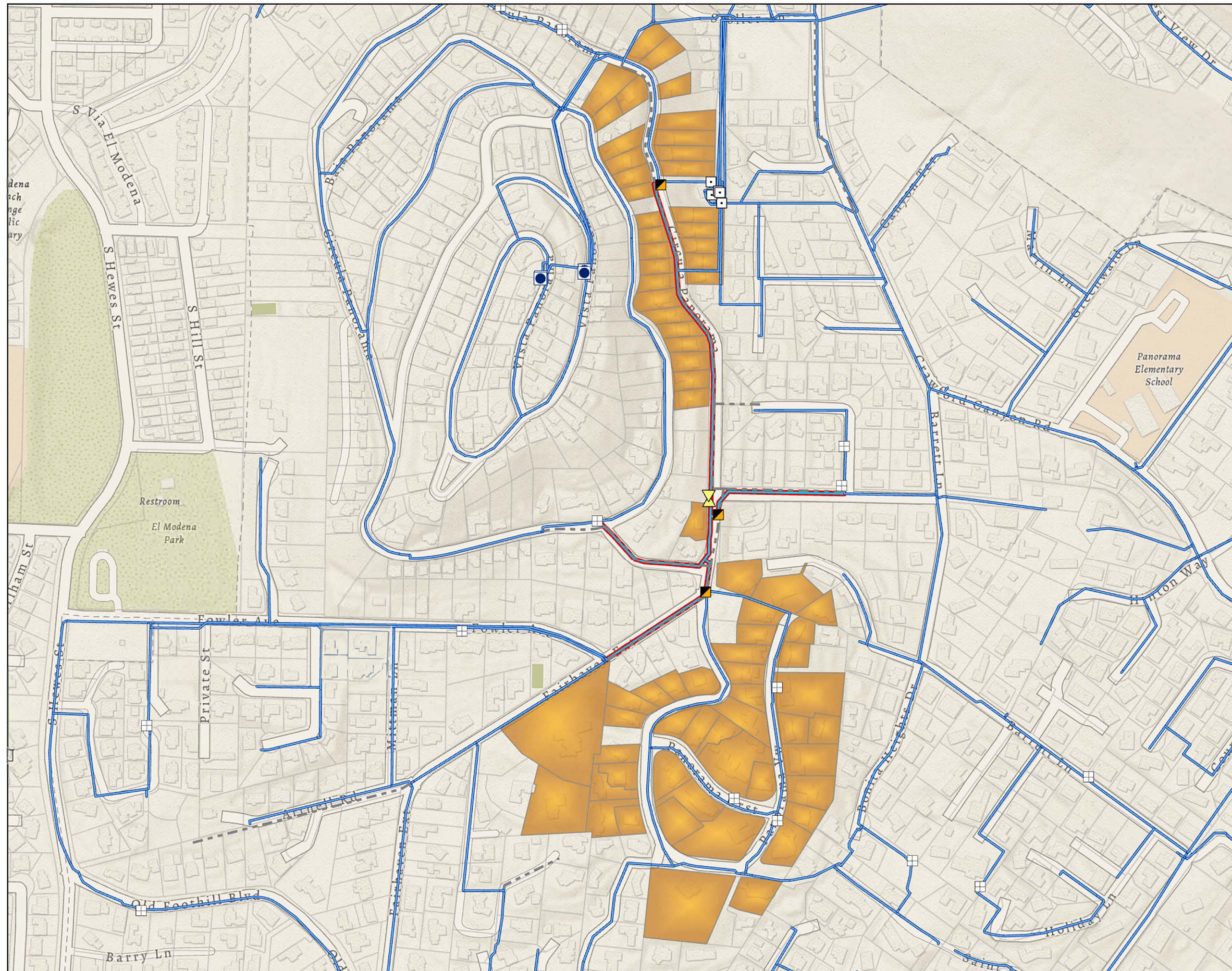
N
10/9/2024

1 inch equals 360 feet

0 180 360 720 Feet



Locator Map



MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: WZ AND RZ MASTER PLANS AWARD
DATE: OCTOBER 17, 2024

Background

Master plans are critical to the District's future financial planning efforts as they provide assessment of the capital facilities current condition, remaining useful life, and plans for repair and future replacement. The capacity of the District's facilities is also assessed and recommendations made regarding expansion and changes to operation. The District's most recent Master Plans for the Wholesale Zone (WZ) and Retail Zone (RZ) were completed in 2019. A fresh look at the plans is recommended considering the infrastructure improvements, increased groundwater pumping, population growth, and other factors like climate change.

Staff sent a Request for Proposal for the WZ and RZ Master Plans to seven consultants. Four consultants attended the pre-proposal meeting and only two consultants, Dopudja & Wells (DW) and Akel Engineering (AE) submitted proposals. The other consultants declined citing insufficient resources and other reasons. The project size is suited to small engineering firms, which are few, and it is difficult to attract large engineering firms with the limited scope. While only two firms submitted, staff believes both would produce a good report. DW submitted the lower cost proposal of \$278,655 compared to AE's proposal of \$473,762 as shown on the attached Consultant Comparison. Staff reviewed the proposals, finds DW's proposal to be consistent with the level of effort, and recommends awarding the project to DW based on their team, schedule, and overall excellent value.

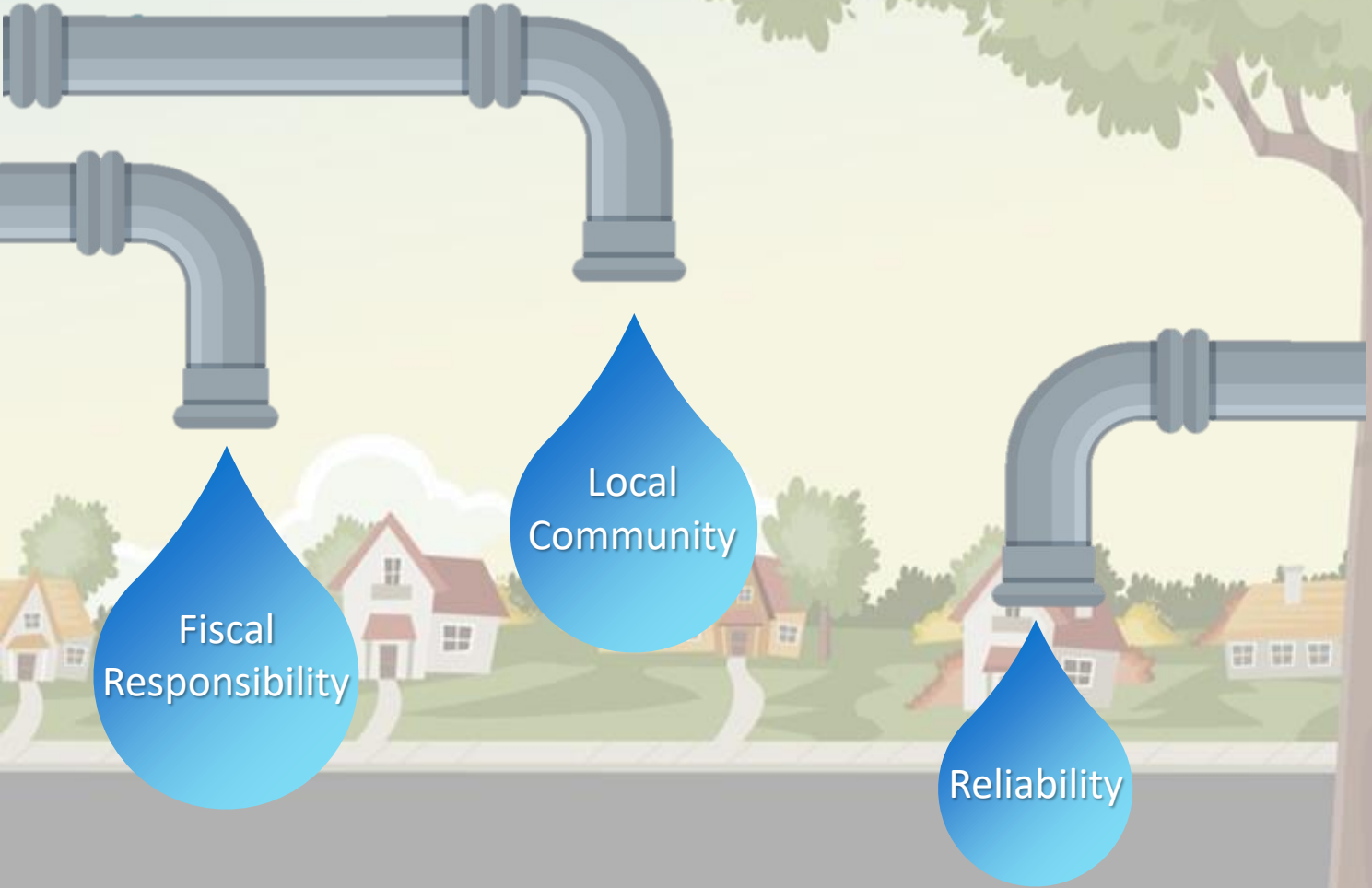
Recommendation

That the Committee recommend the Board award a Professional Services Agreement in the amount of \$278,655 to Dopudja & Wells to complete the WZ and RZ Master Plans.

Attachment(s): Consultant Comparison
Dopudja-Wells Proposal

EXHIBIT "A"
MASTER PLAN CONSULTANT COMPARISON

Item	Description	Weights	Dopudja & Wells	Akel Engineering
A	<u>TECHNICAL APPROACH</u>	50%		
1	Project Understanding	40%	1	2
2	Scope of Work/Schedule	30%	1	2
3	Proposal Approach	30%	1	2
	Weighted Score (Technical Approach)		1	2
B	<u>QUALIFICATION AND EXPERIENCE</u>	50%		
1	Project Manager	35%	2	1
2	Project Engineer /Team	35%	1	2
3	Similar Projects	30%	2	1
	Weighted Score (Experience)		1.65	1.35
	<u>COMBINED WEIGHTED SCORE</u>		1.325	1.675
C	<u>SCOPE OF WORK</u>			
	Tasks 1, 2 Existing System and Water Demands		\$ 41,860.00	\$ 45,545.00
	Tasks 3,4 Performance Criteria and Hydraulic Model		\$ 47,220.00	\$ 32,164.00
	Task 5 System Evluation and WZ Operation		\$ 39,925.00	\$ 56,639.00
	Task 6 Asset Management Plan		\$ 63,260.00	\$ 264,883.00
	Task 7 CIP		\$ 31,210.00	\$ 14,542.00
	Task 8 Reports and Deliverables		\$ 27,710.00	\$ 34,439.00
	Task 9 Project Management		\$ 27,470.00	\$ 22,550.00
D	<u>OTHER</u>			
	Subconsultants		No	Yes
	Insurance (Professional & General Liability)		Yes	Yes
	Contract Exceptions		No	No
	Total Hours		1197	1144*
	TOTAL FEE AMOUNT		\$ 278,655	\$ 473,762
	Ranking of consultants		1	2
	FORCED RANKINGS:			
	1 - Very good			
	2 - Good			
	* Does not include sub-consultant			



Proposal

Water Master Planning Services

Retail Zone and Wholesale Zone Water Master Plan

September 30, 2024

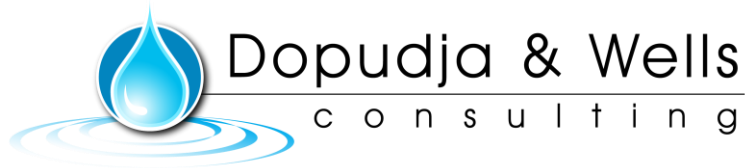
Submitted By





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September 30, 2024

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

SUBJECT: Request for Proposals RZ and WZ Water Master Plans

Dear Mr. Smyth,

Dopudja & Wells Consulting (Dopudja & Wells) understands that the East Orange County Water District (EOCWD) is soliciting proposals for water master planning services. We understand that EOCWD has made significant investments in distribution system infrastructure in recent years, and that EOCWD desires to have updated planning documents that reflect these improvements and plan for the next round.

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

1. Comprehensive Understanding at All Levels of District Operations
2. Technical Rigor with Transparency
3. Collaborative Attitude Across all Stakeholders.

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

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

Sincerely,

Dopudja & Wells Consulting

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

Jon Wells, P.E. – Project Manager

Understanding and Approach

The East Orange County Water District (EOCWD, District) is seeking an engineering consultant (Engineer) to prepare two new water master plans, one for the District's Wholesale Zone (WZ) and one for the Retail Zone (RZ). The District most recently completed water master plans for these two zones in 2019.

The District's WZ currently receives treated water from the Metropolitan Water District of Southern California (MWD) through the Municipal Water District of Orange County (MWDOC). The WZ serves the following WZ Customers: the City of Tustin, Golden State Water Company (GSWC), Irvine Ranch Water District (IRWD), the City of Orange, and the EOCWD RZ. Groundwater can also be distributed to WZ Customers through the WZ.

The EOCWD RZ is supplied by groundwater and imported MWD water. This water is distributed to approximately 1,210 connections in the Panorama Heights area of unincorporated Orange County (North Tustin). Groundwater to the RZ is supplied by two wells located at the EOCWD headquarters in Orange in conjunction with the adjacent water treatment plant site.

The RZ is essentially built out, with potential development and demand growth coming from relatively minor infill projects and potential Accessory Dwelling Unit (ADU) intensification. The potential for demand increase is larger in the WZ, with the WZ customers potentially experiencing high density development and infill that could significantly increase demands. For both the WZ and the RZ, the hydraulics of the systems are fairly well understood and well documented in previous master plans. While the hydraulic evaluations for both of the systems will require updating, the hydraulic evaluations are not the most critical elements of the requested master plans. Rather, the development of master plans that improve the existing and future day-to-day operations of the RZ and WZ is the critical driver of this project.

For the RZ, operational improvement involves understanding and planning for the impact of pandemic lifestyle changes, PFAS supply effects, and on-going drought response/conservation efforts on distribution system operations. Operational improvements in the retail zone also include a detailed asset management that identifies critical assets and plans for their rehabilitation and replacement in a systematic manner. Such an asset management plan requires rehabilitation and replacement plans for high leverage infrastructure such as pump stations, as well as plans for smaller but still critical components such as distribution mains in back yards.

In the WZ, operational improvement requires a strategic evaluation of the regional importance of the WZ distribution system. This strategic evaluation will include both EOCWD and the WZ customers, and will analyze how the WZ can continue to serve as an important source of water when required, while typical daily usage of the WZ declines. Such improvements may include WZ Customers agreeing to take water from the WZ when it is not strictly "needed" in order to preserve the viability of the system for when need truly arises. These improvements will need to include a storage plan that details how to use and/or decrease the existing storage in the WZ to account for decreased typical usage.

To accomplish the planning described above, Dopudja & Wells has developed a customized approach to the WZ and RZ master plan projects. Our team has completed water distribution system planning projects across California. Our work on water distribution system planning projects of differing size, differing

geographies, and differing challenges inform the customized approach that we have developed for the EOCWD WZ and RZ Master Plans. This approach is summarized in three key principles:

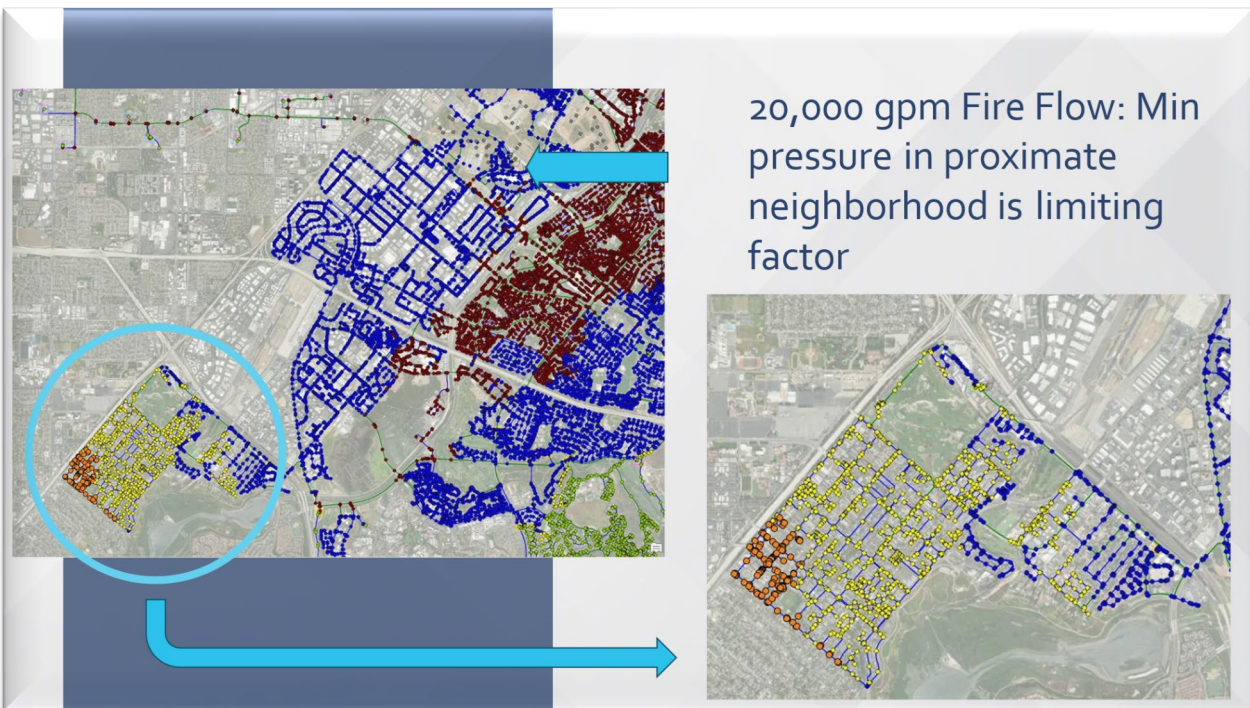
- Comprehensive Understanding at All Levels of District Operations
- Technical Rigor with Transparency
- Collaborative Attitude Across all Stakeholders

Comprehensive Understanding at All Levels of District Operations

The WZ and RZ Master Plans are primarily engineering documents and they will be developed under the immediate oversight of EOCWD engineering staff. However, the resulting master plan documents will serve not only engineering staff, but also operations and maintenance staff, finance staff, and executive management staff. Dopudja & Wells will work directly with personnel from these and other identified groups to understand data that these groups have to offer the master plans, but also to understand what these groups need from a successful master plan document. Understanding the needs and processes of the finance group will produce a better and more easily integrated Capital Improvement Program, for example.

Technical Rigor with Transparency

Hydraulic modeling of the WZ and RZ to develop hydraulic and operational evaluations will be an important element of the master plan development. The Dopudja & Wells team has decades of experience in developing and utilizing rigorous and representative hydraulic model simulations of distribution systems. Just as importantly, the Dopudja & Wells team has experience delivering technically rigorous results in a logical and transparent manner that provides confidence in results and every level of EOCWD.



The Dopudja & Wells team uses detailed presentations in workshop formats to communicate technical results.

Collaborative Attitude Across All Stakeholders

The District is a lean operation with staff members at all levels shouldering high levels of responsibility. These staff members do not need a consultant team that is not communicative for long periods of time, and then provides deliverables that require extensive review and revision. Rather, EOCWD staff requires a consultant team that integrates with staff and feels like an extension of that staff while identifying and solving challenges for the District as the Master Plans are completed.

The Dopudja & Wells team will integrate and communicate with all stakeholders for the WZ and RZ Master Plans. These stakeholders include those that are internal to the District, and those that are external, such as WZ customers. Workshops that include a mixture of virtual and in-person touch points will form the backbone of this collaboration. However, the collaboration will go beyond workshops to the daily calls and emails that will keep all stakeholders engaged, satisfied, and excited about the master planning process.

Facilitated Meeting Guidelines

OPERATE BY CONSENSUS: Seek general agreements all can “live with” - members agree to support group decisions.

EVERYBODY PARTICIPATES: Success depends on inclusion of every individual’s view.

ACTIVE LISTENING: Patiently absorb what other persons say without interruption.

ALL OPINIONS WELCOME: No monopolizing, no “gate closing” and no such thing as a bad idea.

NO SIDE CONVERSATIONS OR SMART DEVICE DISTRACTIONS: Please stay on topic and task.

CHALLENGING / DISAGREEING IS WELCOME, BUT RESPECTFULLY: Tough on the issues – easy on the people!

PROCESS CHECK OKAY: Stay on the agenda and keep the facilitator in line.

ENJOY THE OPPORTUNITY TO WORK TOGETHER: Have fun and move WRCRWA’s recycled program forward!



The Dopudja & Wells Team is skilled at using facilitated meeting/workshop formats to achieve consensus and satisfaction on water utility challenges.

Scope of Work

The scope of work for both the WZ and the RZ master plans are provided below. Although the scope for each zone is shown separately for clarity and tracking purposes, it is assumed that both scopes would be performed simultaneously, and that paralled activities from each scope would be performed together for the sake of efficiency. Deliverables are shown in BLUE. Meetings/workshops, presentations, and planned collaboration are shown in RED.

Task R-1 Request, Catalog, and Review Existing Documents and Data

- Subtask R-1.1 Develop Data Request Log
- Subtask R-1.2 Review Existing Document and Data
- Subtask R-1.3 [Deliver Chapter 2: Existing Retail Zone System Description](#)

Task R-2 Develop Water Demand Projections

- Subtask R-2.1 Perform Billing Data Review for Average Day Demand
- Subtask R-2.2 Perform Peaking Factor Evaluation from Operational History
- Subtask R-2.3 Perform Landuse Evaluation to Develop Demand Factors
- Subtask R-2.4 Develop Existing and Ultimate Demand Projections
- Subtask R-2.5 [Lead Demand Projections Workshop](#)
- Subtask R-2.6 [Deliver Chapter 3: Retail Zone Water Demand Projections](#)

Task R-3 Confirm and Update Distribution System Performance Criteria

- Subtask R-3.1 Review, Research, and Update Distribution System Performance Criteria
- Subtask R-3.2 [Deliver Chapter 4: Retail Zone Performance Criteria](#)

Task R-4 Perform Existing System Calibration and Evaluation

- Subtask R-4.1 Update Retail Zone Hydraulic Model Calibration
- Subtask R-4.2 Perform Hydraulic Evaluation
- Subtask R-4.3 Define and Perform Operational Evaluations
- Subtask R-4.4 [Lead Existing System Evaluation Workshop](#)
- Subtask R-4.5 [Deliver Chapter 5: Retail Zone Existing System Calibration and Evaluation](#)

Task R-5 Perform Ultimate System Evaluation

- Subtask R-5.1 Perform Hydraulic Evaluation
- Subtask R-5.2 Define and Perform Operational Evaluations
- Subtask R-5.3 [Lead Ultimate System Evaluation Workshop](#)
- Subtask R-5.4 [Deliver Chapter 6: Retail Zone Ultimate System Evaluation](#)

Task R-6 Develop Comprehensive Asset Management Plan

- Subtask R-6.1 Develop Comprehensive Asset Registry
- Subtask R-6.2 Perform Desktop Preliminary Prioritization of Assets
- Subtask R-6.3 Perform Condition Assessment of Prioritized Assets
- Subtask R-6.4 Perform Comprhensive Risk Assessment
- Subtask R-6.5 Develop Comprhensive Asset Management Plan
- Subtask R-6.6 [Lead Assest Management Workshop](#)
- Subtask R-6.7 [Deliver Chapter 7: Retail Zone Asset Management Plan](#)

Task R-7 Develop Risk-Prioritized CIP

- Subtask R-7.1 Identify Infrastructure Improvements
- Subtask R-7.2 Develop Improvement Costs
- Subtask R-7.3 Prioritize Improvements Using Risk Classification
- Subtask R-7.4 Develop Prioritized CIP
- Subtask R-7.5 **Lead CIP Workshop**
- Subtask R-7.6 **Deliver Chapter 8: Retail Zone Capital Improvement Program**
- Task R-8 Produce Master Plan Reports and Supporting Deliverables**
 - Subtask R-8.1 **Deliver Draft Retail Zone Master Plan**
 - Subtask R-8.2 **Lead Draft Master Plan Review Meeting**
 - Subtask R-8.3 **Deliver Final Retail Zone Master Plan**
 - Subtask R-8.4 **Develop and Deliver Mapping and Modeling Deliverables to Support Retail Zone Water Master Plan**
 - Subtask R-8.5 **Create and Deliver Committee and Board Presentations to Support Retail Zone Water Master Plan**
- Task R-9 Project Control**
 - Subtask R-9.1 Project Management
 - Subtask R-9.2 Quality Control
 - Subtask R-9.3 **Regular Status Meetings**

Task W-1 Request, Catalog, and Review Existing Documents and Data

- Subtask W-1.1 Develop Data Request Log
- Subtask W-1.2 Review Existing Document and Data
- Subtask W-1.3 [Deliver Chapter 2: Existing Wholesale Zone System Description](#)

Task W-2 Develop Water Demand Projections

- Subtask W-2.1 Perform Billing Data Review to Establish Historical Average Day Demand
- Subtask W-2.2 Perform Peaking Factor Evaluation from Operational History
- Subtask W-2.3 [Lead Workshops with Wholesale Zone Customers to Identify Future Customer Needs](#)
- Subtask W-2.4 Develop Existing and Ultimate Demand Projections for Wholesale Zone
- Subtask W-2.5 [Lead Demand Projections Workshop](#)
- Subtask W-2.6 [Deliver Chapter 3: Wholesale Zone Water Demand Projections](#)

Task W-3 Confirm and Update Distribution System Performance Criteria

- Subtask W-3.1 Review, Research, and Update Distribution System Performance Criteria
- Subtask W-3.2 [Deliver Chapter 4: Wholesale Zone Performance Criteria](#)

Task W-4 Perform Existing System Calibration and Evaluation

- Subtask W-4.1 Update Wholesale Zone Hydraulic Model Calibration
- Subtask W-4.2 Perform Hydraulic Evaluation
- Subtask W-4.3 [Lead Existing System Evaluation Workshop](#)
- Subtask W-4.4 [Deliver Chapter 5: Wholesale Zone Existing System Calibration and Evaluation](#)

Task W-5 Perform Ultimate System Evaluation

- Subtask W-5.1 Perform Hydraulic Evaluation
- Subtask W-5.2 [Lead Ultimate System Evaluation Workshop](#)
- Subtask W-5.3 [Deliver Chapter 6: Wholesale Zone Ultimate System Evaluation](#)

Task W-6 Develop Wholesale Operational Plan

- Subtask W-6.1 [Lead Wholesale User Workshops](#)
- Subtask W-6.2 Develop Wholesale Operational Plan
- Subtask W-6.3 [Deliver Chapter 7: Wholesale Zone Operational Plan](#)

Task W-7 Develop Comprehensive Asset Management Plan

- Subtask W-7.1 Develop Comprehensive Asset Registry
- Subtask W-7.2 Perform Desktop Preliminary Prioritization of Assets
- Subtask W-7.3 Perform Condition Assessment of Prioritized Assets
- Subtask W-7.4 Perform Comprehensive Risk Assessment
- Subtask W-7.5 Develop Comprehensive Asset Management Plan
- Subtask W-7.6 [Lead Asset Management Workshop](#)
- Subtask W-7.7 [Deliver Chapter 8: Wholesale Zone Asset Management Plan](#)

Task W-8 Develop Risk-Prioritized CIP

- Subtask W-8.1 Identify Infrastructure Improvements
- Subtask W-8.2 Develop Improvement Costs
- Subtask W-8.3 Prioritize Improvements Using Risk Classification
- Subtask W-8.4 Develop Prioritized CIP
- Subtask W-8.5 [Lead CIP Workshop](#)

- Subtask W-8.6 [Deliver Chapter 8: Wholesale Zone Capital Improvement Program](#)
- Task W-9 Produce Master Plan Reports and Supporting Deliverables**
- Subtask W-9.1 [Deliver Draft Wholesale Zone Master Plan](#)
- Subtask W-9.2 [Lead Draft Master Plan Review Meeting](#)
- Subtask W-9.3 [Deliver Final Wholesale Zone Master Plan](#)
- Subtask W-9.4 [Develop and Deliver Mapping and Modeling Deliverables to Support Wholesale Zone Water Master Plan](#)
- Subtask W-9.5 [Create and Deliver Committee and Board Presentations to Support Wholesale Zone Water Master Plan](#)
- Task W-10 Project Control**
- Subtask W-10.1 Project Management
- Subtask W-10.2 Quality Control
- Subtask W-10.3 [Regular Status Meetings](#)

Team and Experience

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

FIRM OVERVIEW

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

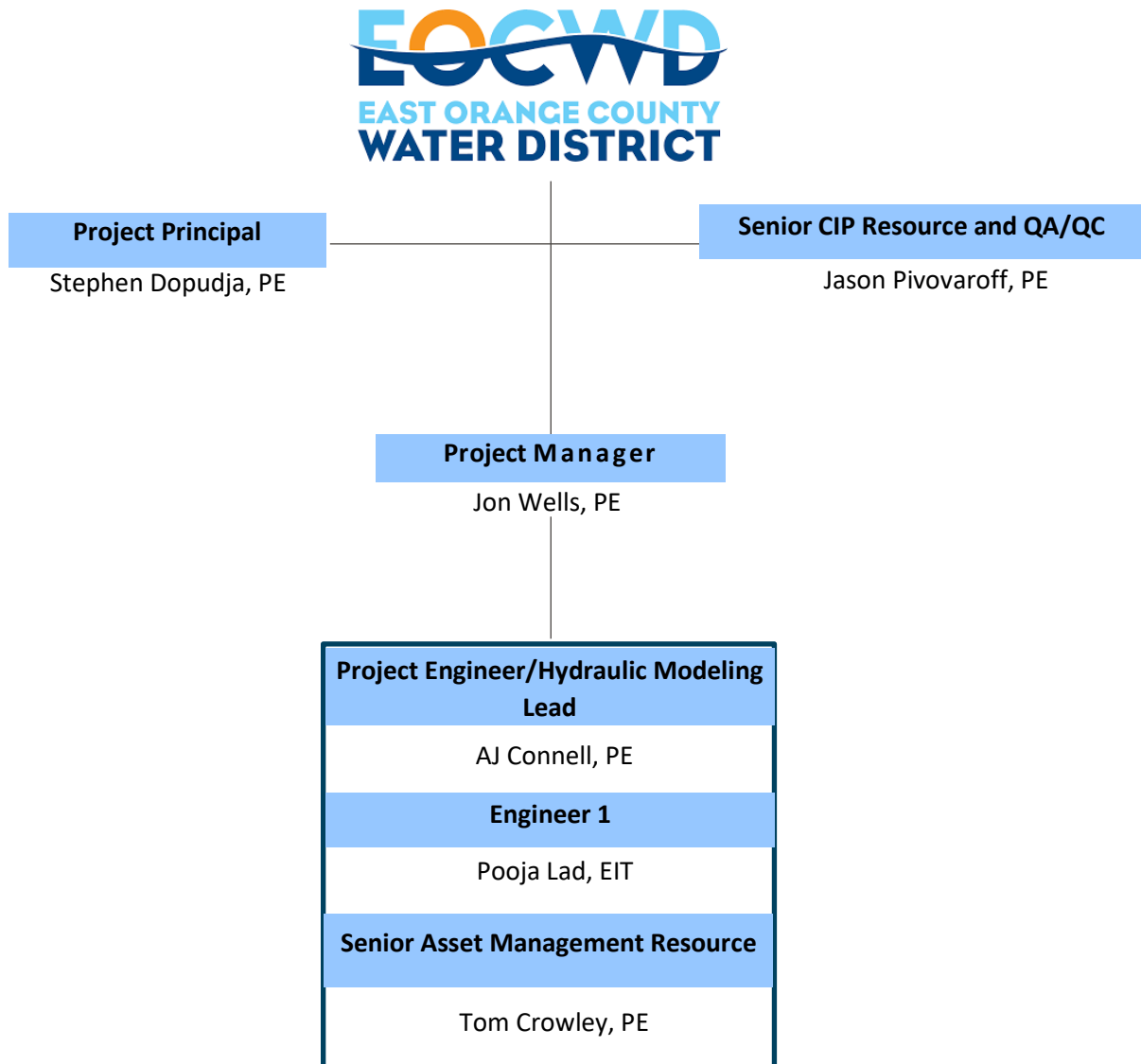
Dopudja & Wells Consulting focuses on professionalism, honesty, integrity and a commitment to always be forthright with our valued clients and their communities. With over 175 years of combined staff experience in utility management, master planning, and hydraulic modeling, we bring a unique water industry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

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



PROJECT TEAM

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



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



Jon Wells, P.E.

Project Manager

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

RELEVANT PROJECTS

- City of Rialto Water and Wastewater Master Plans
- City of Tustin Hangar Fire Flow Study
- IRWD Coastal PS Potable Water Evaluation



Stephen Dopudja, P.E.

Project Principal

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

RELEVANT PROJECTS

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



Jason Pivovaroff, P.E.

Senior CIP Resource and QA/QC

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

RELEVANT PROJECTS

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



AJ Connell, PE

Project Engineer and Hydraulic Modeling Lead

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

RELEVANT PROJECTS

- City of Tustin Hangar Fire Flow Study
- California Water Service Company Hydraulic Model Builds (Multiple)



Pooja Lad, E.I.T.

Engineer 1

Pooja Lad serves as a Project Engineer for Dopudja & Wells Consulting. A recent graduate from the University of California, Irvine, Pooja has over 4 years of experience working in both public and private engineering firms. She has worked on an assortment of different projects ranging from energy infrastructure design, water and wastewater infrastructure design, and hydraulic modeling.

RELEVANT PROJECTS

- City of Tustin Hangar Fire Flow Study
- LAFCO IID Evaluation
- SKF Collections System Master Plan Update

Tom Crowley, P.E.

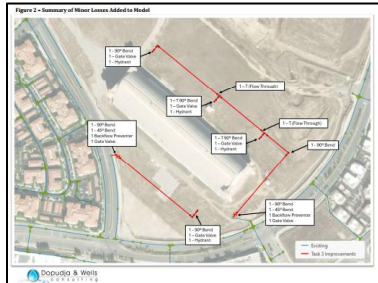
Senior Asset Management Resource

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

RELEVANT PROJECTS

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

FIRM QUALIFICATIONS



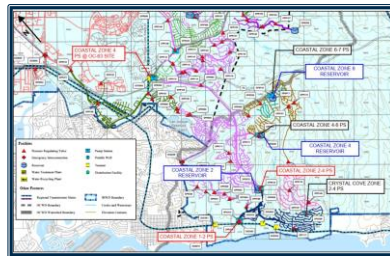
City of Tustin – Hangar Fire Flow Evaluation

This project consisted of working with the City of Tustin along with Irvine Ranch Water District to analyze the capabilities of the surrounding potable water system to provide fire flow to the Tustin south blimp hangar. The first phase of this project consisted of utilizing three different methods of assessing fire flow capabilities to come up with an accurate estimation of flow. The second phase consisted of identifying improvements that were required to deliver the required flow to the perimeter of the hangar itself.

Completed in 2024.

CLIENT REFERENCE

Michael Grisso
mgrisso@tustinca.org
 (714) 361-4719



IRWD – Coastal BPS Potable Water Evaluation

Dopudja & Wells collaborated with the IRWD Planning and Facilities groups to perform a InfoWater hydraulic model evaluation to size a pump station replacement. Limited calibration was performed to confirm model accuracy in the study area. Evaluation was used to size two booster pump stations in a hydraulic “ladder.” Further analysis was used to confirm that non-potable demands could be served temporarily during construction.

Completed in 2022.

CLIENT REFERENCE

Mark Marcacci
marcaccim@irwd.com
 (949) 453-5522



City of Rialto – Water/Wastewater Master Plan Update

Dopudja & Wells developed updated water and wastewater master plans for the City of Rialto. Hydraulic modeling was performed in both systems using InfoWater and InfoSewer, respectively. CIP projects were developed in both systems combining capacity and asset management priorities. Operational evaluations were used to optimize operations under reduced demand and flow conditions.

Completed in 2023.

CLIENT REFERENCE

Toyosha Sebbag
tsebbag@rialtoqa.gov
 (909) 820-2525

Proposed Effort and Fee

Proposed Effort and Fee are provided under separate cover.

Proposed Schedule

Dopudja & Wells can meet the District's schedule goals of having both the WZ and RZ master plans completed by June 30, 2025. A detailed schedule for both master plans will be developed in conjunction with the District upon project kick-off.

Disclosures and Acknowledgements

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

Dopudja & Wells Consulting



Stephen Dopudja, P.E. –Project Principal



Jon Wells, P.E. – Project Manager

Sample Insurance Submittal



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/29/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Venbrook Insurance Services 16815 Von Karman Avenue Suite 180 Irvine, CA 92606 www.venbrook.com CA Lic No. 0D80832		CONTACT NAME: Daniel Goodrich PHONE (A/C. No. Ext): 818-598-8908 FAX (A/C. No): E-MAIL ADDRESS: dgoodrich@venbrook.com	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A: Sentinel Insurance Company, Ltd.	NAIC # 11000
		INSURER B: Redwood Fire and Casualty Insurance Co	11673
		INSURER C: Hartford Casualty Insurance Company	29424
		INSURER D: Landmark American Insurance Company	33138
		INSURER E:	
		INSURER F:	

COVERAGES


CERTIFICATE NUMBER: 78872799

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Deductible "none" GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		<input checked="" type="checkbox"/>	72SBABD9478	2/22/2024	2/22/2025	EACH OCCURRENCE \$ \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ \$1,000,000 MED EXP (Any one person) \$ \$10,000 PERSONAL & ADV INJURY \$ \$1,000,000 GENERAL AGGREGATE \$ \$2,000,000 PRODUCTS - COMP/OP AGG \$ \$2,000,000 \$
B A A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			01APM041046-01	11/10/2023	11/10/2024	COMBINED SINGLE LIMIT (Ea accident) \$ \$1,000,000 BODILY INJURY (Per person) \$ \$5,000 BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y	N/A	72WECAK4WEK	2/22/2024	2/22/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$ \$1,000,000 E.L. DISEASE - POLICY LIMIT \$ \$1,000,000
D	Professional Liability Ded. \$5,000			LHR855959	2/2/2024	2/2/2025	\$2,000,000/\$2,000,000 Each Claim/Aggregate

CERTIFICATE HOLDER**CANCELLATION**

SAMPLE	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE  Daniel Goodrich

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MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: SEWER MANHOLE ADJUSTMENT AWARD TO R.J. NOBLE
DATE: OCTOBER 17, 2024

Background

The County of Orange (County) is scheduled to begin asphalt overlay work in northwest Tustin, south of 17th street. As part of the County's contract, the County's contractor, R.J. Noble, will be lowering 82 District sewer manholes prior to cold milling the asphalt. The District is responsible for raising the sewer manholes to grade following the County overlay.

The County requires the District to contract direct for raising the manholes. Prior to the start of work, at staff's request, R.J. Noble provided a proposal to perform the final adjustment to finished grade for the District's facilities at a cost of \$86,290.00. Utilizing the same contractor as the County has many benefits including; project continuity and coordination, handling and storage of manhole frames and covers, utilization of County traffic control, consistent quality, and contractor consistency for repair work.

To ensure the work proceeded on time, the General Manager awarded a contract, in the amount of \$86,290.00, to R.J. Noble for the sewer manhole adjustments. Staff recommends ratification of the award, in the amount of \$86,290.00, to R.J. Noble.

Recommendation

That the Committee ratify the contract award, in the amount of \$86,290.00, to R.J. Noble for construction of the sewer manhole adjustments.

Attachment(s): None