



City of Tulare

Board of Public Utilities Commissioners

Meeting Agenda

Commissioners
Ray Fonseca, President
Tony Sozinho, Vice President
Renee Soto
Blake Wilbur
Brian Nunes

Tulare Public Library & Council Chamber
491 North M Street, Tulare CA 93274
www.tulare.ca.gov

Thursday, June 6, 2024
4:00 p.m. Regular Meeting

Mission Statement

To promote a quality of life making Tulare the most desirable community in which to live, learn, play, work, worship and prosper.

Attending Meetings

Regular meetings of the Board of Public Utilities Commissioners (BPU) are held on the first and third Thursdays of each month in the Council Chamber located in the Tulare Public Library at 491 North M Street, Tulare, subject to cancellation. Additional meetings of the BPU may be called as needed.

Documents related to items on the agenda are accessible on the City's website at www.tulare.ca.gov and available for viewing at the entrance of the Council Chamber.



Rules for Addressing the Board

- Members of the public may address the BPU on matters within their jurisdiction.
- If you wish to address the BPU, please complete one of the pink speaker cards located at the entrance to the Council Chamber and provide to the Clerk.
- Persons wishing to address the BPU concerning an **agendized** item will be invited to address the BPU during the time that the BPU is considering that agenda item. Persons wishing to address the BPU concerning a **non-agendized** issue will be invited to address the BPU during the Citizen Comments portion of the meeting.
- When invited by the President to speak, please step up to the podium, state your name and city where you reside, and make your comments. Comments are limited to three minutes per speaker.

Americans with Disabilities Act

Pursuant to the Americans with Disabilities Act, persons with a disability who require a disability-related modification or accommodation to participate in a meeting, including auxiliary aids or services, may request such modification from the City Clerk's Office at (559) 684-4200. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to assure accessibility to the meeting.

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE AND INVOCATION

- #### 3. PUBLIC COMMENTS
- Members of the public wishing to comment on any item not appearing on the agenda may address the Board at this time. State law prevents the Board from acting on any matter not on the agenda; however, your comments may be referred to staff for follow up. This is also the time for the public to comment on items listed under the Consent Calendar or to request an item from the Consent Calendar be pulled for discussion purposes. Comments related to Public Hearing and General Business items will be heard at the time those items are discussed. In fairness to all who wish to speak, each speaker will be allowed three minutes with a maximum time of fifteen minutes per

item unless otherwise extended by the Board. Please begin your comments by stating your name and providing your city of residence.

4. **COMMUNICATIONS** - Communications are to be submitted to the City Manager's Office 10 days prior to a Board meeting to be considered for this section of the agenda. No action will be taken on matters listed under Communications; however, the Board may direct staff to schedule issues raised during Communications for a future agenda.
5. **CONSENT CALENDAR** - All matters listed under the Consent Calendar are considered by the Board to be routine and will be enacted in one motion without discussion. If discussion is desired, that item may be removed and considered separately.
 - 5.1 **Approval of Board Meeting Minutes.**
Recommended Action: Approve the minutes of the special and/or regular meetings of April 18, 2024 and May 30, 2024. [M. Hermann]
 - 5.2 **Public Works Performance Reports for April 2024.**
Recommended Action: Receive the Public Works performance reports for April 2024. [A. Bettencourt]
 - 5.3 **System Loss Quarterly Report.**
Recommended Action: Receive the quarterly Potable Water Pumping and Metered Delivery Report. [A. Bettencourt]
 - 5.4 **Cancellation of July 4 Meeting.**
Recommended Action: Cancel the regularly scheduled meeting of the Board of Public Utilities Commissioners on July 4, 2024. [M. Hermann]
 - 5.5 **Capital Improvements Project Dashboard for June 2024.**
Recommended Action: Accept the Capital Improvements Project Dashboard for June 2024. [M. Miller]
6. **GENERAL BUSINESS** - Comments related to General Business items are limited to three minutes per speaker, for a maximum of 30 minutes per item, unless otherwise extended by the Board.
 - 6.1 **Draft Water, Wastewater, and Storm Drain Master Plan.**
Recommended Action: Receive a presentation on the draft Water, Wastewater, and Storm Drain Master Plan. [T. Whitfield]

7. ITEMS OF INTEREST

8. ADJOURNMENT

The next regularly scheduled meeting of the Board of Public Utilities Commissioners is Thursday, June 20, 2024, at 4:00 p.m. in the Council Chamber, 491 North M Street, Tulare.

AFFIDAVIT OF POSTING AGENDA

I hereby certify, in conformance with Government Code Sections 54954.2 and 54956, this agenda was posted in the kiosk at the front of City Hall, 411 E. Kern Avenue, as well as on the City of Tulare's website (www.tulare.ca.gov).

POSTED: Monday, June 3, 2024, at 2:00 p.m.


Melissa Hermann, Chief Deputy City Clerk

**CITY OF TULARE
BOARD OF PUBLIC UTILITIES COMMISSIONERS
MEETING MINUTES**

**Tulare Public Library & Council Chamber
491 North M Street, Tulare**

**Thursday, April 18, 2024
4:00 p.m. - Regular Meeting**

Proper notice of this meeting was given pursuant to Government Code Section 54954.2 and 54956.

COMMISSIONERS PRESENT: President Ray Fonseca
Vice President Tony Sozinho
Commissioner Brian Nunes (arrived at 4:05 p.m.)
Commissioner Renee Soto
Commissioner Blake Wilbur

STAFF PRESENT: City Manager Marc Mondell; Assistant City Attorney Megan Crouch; Chief Deputy City Clerk Melissa Hermann; Public Works Director Trisha Whitfield; Assistant Finance Director Melanie Gaboardi; City Engineer Michael Miller; Assistant Public Works Director Tim Doyle; Senior Management Analyst Andrew Bettencourt

1. CALL TO ORDER

President Fonseca called the regular meeting of the Board of Public Utilities Commissioners to order at 4:00 p.m. in the Council Chamber located at 491 North M Street.

2. PLEDGE OF ALLEGIANCE AND INVOCATION

President Fonseca led the Pledge of Allegiance and an invocation was given by Commissioner Soto.

3. PUBLIC COMMENTS

There were no public comments.

4. COMMUNICATIONS

There were no communications.

5. CONSENT CALENDAR

It was moved by Commissioner Wilbur, seconded by Commissioner Soto, and carried 4 to 0 (Commissioner Nunes absent) that the items on the Consent Calendar be approved as presented.

**5.1 Special and/or Regular Meeting Minutes of April 4, 2024.
Recommended Action:** Approve as submitted. [M. Hermann]

5.2 Public Works Performance Reports for March 2024.

Recommended Action: Receive the Public Works performance reports for March 2024. [A. Bettencourt]

6. GENERAL BUSINESS**6.1 Notice of Completion for Project WW0069 – Industrial WWTP Bulk Volume Fermenter (BVF) Rehabilitation Project.**

Recommended Action: Accept as complete the contract with Synagro-WWT, Inc. of Baltimore, MD for CIP Project WW0069 - the rehabilitation of the Bulk Volume Fermenter (BVF) at the Wastewater Treatment Plant, authorize the Public Works Director to sign the Notice of Completion, and direct the City Clerk to file the Notice of Completion with the Tulare County Recorder's Office.

Presented By: Public Works Director Trisha Whitfield

Public Comment: None

Board Action: It was moved by Vice President Sozinho, seconded by Commissioner Soto, and unanimously carried to approve the item as presented.

6.2 Engineering Services for South "I" Street Water Line.

Recommended Action: Award and authorize the City Manager to sign a contract with Peters Engineering Group of Clovis, CA for engineering services for the design of the South I Street Water Line, a 12-inch water main extension on South "I" Street to Lactalis in the amount of \$230,155; and authorize the City Manager or designee to approve contract change orders in an amount not to exceed 10% (\$23,015.50) of the task order amount.

Presented By: Assistant Public Works Director Tim Doyle

Public Comment: None

Board Action: It was moved by Commissioner Wilbur, seconded by Commissioner Nunes, and unanimously carried to approve the item as presented.

6.3 Bid Results for Project EN0095 – Academy & Apricot Improvements.

Recommended Action: Award and authorize the City Manager to sign contracts related to City Project EN0095, Academy and Apricot Improvement Project; authorize the City Manager or designee to approve contract change orders in an amount not to exceed 10% of each contract amount; and approve the revised budget.

	Task Description	Contractor	Amount
1.	Construction Contractor	Dawson-Mauldin, LLC of Selma, CA	\$9,933,583
2.	Construction Inspection	NV5 of Fresno, CA	\$623,207
3.	Materials Testing	Blackburn Consulting of Fresno, CA	\$385,135
4.	Construction Surveying	4Creeks of Visalia, CA	\$130,000
5.	Labor Compliance	Silveira Consulting of Galt, CA	\$32,880

Presented By: City Engineer Michael Miller

Public Comment: None

Board Action: It was moved by President Fonseca, seconded by Vice President Sozinho, and unanimously carried to approve the item as presented.

7. ITEMS OF INTEREST

Items of interest were discussed amongst the Board and staff.

8. RECESS TO CLOSED SESSION TO DISCUSS THE FOLLOWING

8.1 Conference with Legal Counsel - Existing Litigation (Gov. Code § 54956.9)

Name of Case: Central Valley Resource Recovery, LLC v. City of Tulare

Case Number: VCU282595

The Board recessed to closed session at 4:47 p.m.

9. RECONVENE FROM CLOSED SESSION

The Board reconvened from closed session at 5:11 p.m.

10. CLOSED SESSION REPORT

Assistant City Attorney Megan Crouch reported that the Board voted 5 to 0 to approve a settlement agreement with Central Valley Resource Recovery in which the City agrees to pay \$500,000 to Central Valley Resource Recovery, the City will enter into a continuing contract with Central Valley Resource Recovery for a term of 15 years, Central Valley Resource Recovery will be hired to haul the City's solids from the Wastewater Treatment Plant, and the City will receive a 5% and the potential for an advance 10% profit share in Central Valley Resource Recovery as it relates to the hauling of solids at the Wastewater Treatment Plant.

11. ADJOURNMENT

President Fonseca adjourned the regular meeting at 5:13 p.m.

These meeting minutes were approved by the Board on May 2, 2024.

RAY FONSECA, PRESIDENT

ATTEST:

MARC MONDELL, CITY CLERK

By Melissa Hermann, Chief Deputy City Clerk

**CITY OF TULARE
BOARD OF PUBLIC UTILITIES COMMISSIONERS
MEETING MINUTES**

**Tulare Public Library & Council Chamber
491 North M Street, Tulare**

**Thursday, May 30, 2024
4:00 p.m. - Special Meeting**

Proper notice of this meeting was given pursuant to Government Code Section 54954.2 and 54956.

COMMISSIONERS PRESENT: President Ray Fonseca
Vice President Tony Sozinho
Commissioner Brian Nunes
Commissioner Renee Soto

COMMISSIONERS ABSENT: Commissioner Blake Wilbur

STAFF PRESENT: City Manager Marc Mondell; Assistant City Attorney Megan Crouch; Chief Deputy City Clerk Melissa Hermann; Public Works Director Trisha Whitfield; Chief Financial Officer Mark Roberts; City Engineer Michael Miller; Assistant Public Works Director Tim Doyle; Senior Management Analyst Andrew Bettencourt

1. CALL TO ORDER

President Fonseca called the special meeting of the Board of Public Utilities Commissioners to order at 4:00 p.m. in the Council Chamber located at 491 North M Street.

2. PLEDGE OF ALLEGIANCE AND INVOCATION

Vice President Sozinho led the Pledge of Allegiance and an invocation was given by Commissioner Soto.

3. GENERAL BUSINESS

3.1 Fiscal Year 2024 Budget Reconciliation.

Recommended Action: Adopt a resolution to amend the City of Tulare Fiscal Year 2024 Municipal Utilities Budget to reconcile adopted expenditures, revenues, and interfund transfers.

Presented By: Chief Financial Officer Mark Roberts

Public Comment: There were no public comments.

Board Action: It was moved by Vice President Sozinho, seconded by Commissioner Soto, and carried 4 to 0 (Commissioner Wilbur absent) to approve the item as presented.

3.2 Fiscal Year 2024 Municipal Utilities Mid-Year Budget Review, Revenue & Expenditure Projections, and Supplemental Appropriation Requests.

Recommended Action: Adopt a resolution to authorize supplemental appropriations up to the amounts presented in the attached Exhibit A for the City of Tulare Fiscal Year 2024 Municipal Utilities Budget.

Presented By: Chief Financial Officer Mark Roberts

Public Comment: There were no public comments.

Board Action: It was moved by President Fonseca, seconded by Commissioner Nunes, and carried 4 to 0 (Commissioner Wilbur absent) to approve the item as presented.

3.3 Fiscal Year 2025 Municipal Utilities Preliminary Budget.

Recommended Action: Review the preliminary City of Tulare Fiscal Year 2025 Municipal Utilities Budget and provide direction thereto.

Presented By: Chief Financial Officer Mark Roberts

Public Comment: There were no public comments.

Board Action: There was no action taken on this item.

4. ADJOURNMENT

President Fonseca adjourned the special meeting at 4:47 p.m.

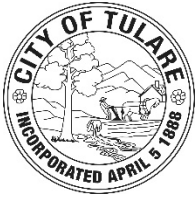
These meeting minutes were approved by the Board on June 6, 2024.

Ray Fonseca, President

ATTEST:

Marc Mondell, City Clerk

By Melissa Hermann, Chief Deputy City Clerk



Staff Report

Meeting: Board of Public Utilities Commissioners

Date: June 6, 2024

**Item #: 5.2
Consent**

Department: Public Works

Submitted by: Andrew Bettencourt, Senior Management Analyst

Agenda Title: Public Works Performance Reports for April 2024

RECOMMENDED ACTION

Receive the Public Works performance reports for April 2024.

SUMMARY

Public Works first reported performance dashboards for each of its divisions to the Board of Public Utilities in August 2015 with the intention of inviting additional transparency into the maintenance and operations activities of each of the divisions.

Solid Waste

Overall tonnage was slightly up in April 2024 compared to April 2023. The total tonnage in April 2024 was 6,736.0 tons, an increase of 1.7% compared to April 2023 (6,620.5 tons).

Residential tonnage increased in April compared to a year ago. There were 3,550.9 tons collected from residential customers in April 2024, compared to 3,120.2 tons in April 2023, marking an increase of 13.8%.

Commercial tonnage increased compared to the numbers from a year ago. In April 2024, there were 1,464.5 tons collected from commercial accounts, marking a 13.4% increase from April 2023 (1,291.3 tons).

Roll-off tonnage sharply decreased compared to 2023. There were 1,583.4 tons collected from roll-off operations in April, marking an 18.5% decrease from April 2023 (1,943.2 tons).

Overall, the Solid Waste division's recycling rate for April 2024 improved significantly compared to April 2023. The diversion rate for April 2024 was 36 percent (23% green waste, 11% recyclables, 2% food waste/compost). The diversion rate for April 2023 was 30 percent (20% green waste, 8% recyclables, 2% food waste/compost).

The City had a total of 4,336.3 tons of trash (to the landfill), resulting in a rate of 4.01 pounds per person per day for the month of April, marking a decrease of 6.3% from April 2023 (4.28). The target disposal rate for the City set by the State is 6.0 pounds per person per day.

Overall, the City of Tulare has collected 25,317.2 tons in 2024, an increase of 1.8% compared to 2023 through the first four months (24,864.9 tons in 2023). The City has sent 17,446.1 tons to the landfill through April, marking a 1.0% decrease compared to 2023 (17,621.3 tons).

Water

Water delivery volumes are delayed by one month due to the availability of billing data. In March 2024, water delivery, or water "sold," totaled 293.8 million gallons, 6.3% higher

compared to March 2023 (276.4 million gallons). Potable water production increased compared to last year. There were 302.4 million gallons pumped in March, marking a 10.9% increase from March 2023 (272.6 million gallons).

There was a difference of 8.6 million gallons between pumped water (302.4 million gallons) versus delivered (293.8 million gallons), which represents a system loss of 2.8%.

The primary reason why there is a discrepancy between pumped water and delivered water is when meters are read. Production well data is on a strict calendar month basis. With a growing number of residential meters going to an AMI read (meter to base station), we are developing two distinct cycles – pumped by the calendar and metered from the 15th of the reporting month to the 14th of the following month.

In April 2024, the average standing water level depth was 199 feet, representing a 4-foot rise from a year ago (203 feet). The average standing water level depth lost five feet compared to March 2024 (194 feet).

Conservation

The overall gross gallons per capita was 126 gallons per person per day in March 2024, 3.2% higher than it was in March 2023 (123).

Residential per capita increased compared to a year ago. The residential per capita in March 2024 was 74 gallons per person per day. That is 16.0% higher than it was in March 2023 (64 gallons per person per day). The residential gallons per capita looks specifically at residential water use only.

There were 158 citations handed out in March. There were 35 citations that resulted in a fine (second violations or more). Those fines totaled \$2,425.

Sewer Collections

Preventative Maintenance accounted for 66% of all working man hours in April.

In April, 50,450 of sewer lines were cleaned, and 2,050 feet of sewer lines were televised (preventative maintenance operations).

Approximately 11% of staff's time was spent helping other departments.

Wastewater Treatment Plant

In April the domestic plant's daily influent average was 3.96 million gallons. The domestic plant's capacity is 5.5 million gallons, and when the daily influent average is within 80 percent (4.4 million gallons) of capacity, improvements to the plant's capacity should be a priority.

The industrial plant's daily influent average was 7.57 million gallons in April. The industrial plant's capacity is 12 million gallons, and no daily influent average has been close to the 80-percent mark (9.6 million gallons).

Efficiency against BOD was 96.2% in April (it was 95.5% in March). The combined BOD effluent was 92.0 mg/l (100.0 mg/l in March), which is not within the state compliance level (less than 40 mg/l).

Efficiency against TSS was 92.1% in April (89.1% in March). The combined TSS effluent was 79.6 mg/l (111.6 mg/l in March) which is not within the state compliance level (less than 40 mg/l).

Efficiency against Nitrogen was 64.3% in March. The combined Nitrogen effluent was 54.75 mg/l, which is not within the state compliance level (less than 13 mg/l).

We do not have the final nitrogen numbers for April as tests are still being completed. We will report the Nitrogen effluent average and efficiency ratings for April next month.

The Industrial plant was put back into normal operation with the BVF back in service, but we had to make adjustments and seed from the Domestic plant to bring the MLSS (Mixed Liquor Suspended Solid) within range. This caused the Domestic plant to operate at a lower MLSS concentration. We are currently building up the MLSS to operate within a normal range (2500-3200). We will see improvements in April as we adjust MLSS concentration and dissolved oxygen levels. The rain events in March also caused the Domestic plant to wash out which resulted in solids carrying over into the combined effluent.

Operationally, the WWTP completed 316 preventative maintenance work orders and 19 corrective work orders in April. Overall, 130 of the work orders were completed for the Domestic side of the facility and 205 for the Industrial side, 39% and 61%, respectively.

FISCAL IMPACT & FUNDING SOURCE(S)

There is no fiscal impact associated with this action.

LEGAL REVIEW

This item did not require legal review.

ALTERNATIVE ACTION

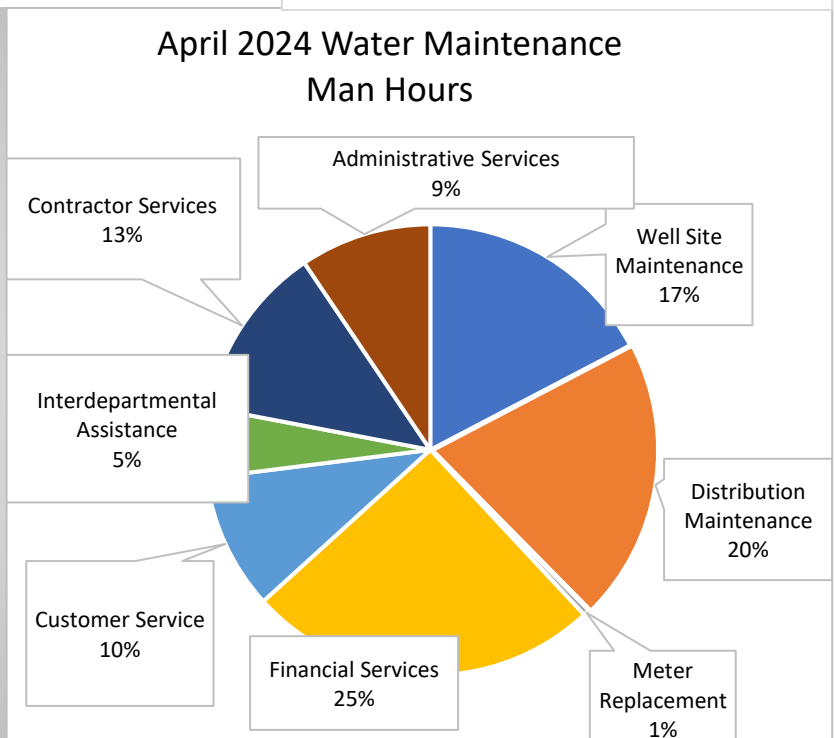
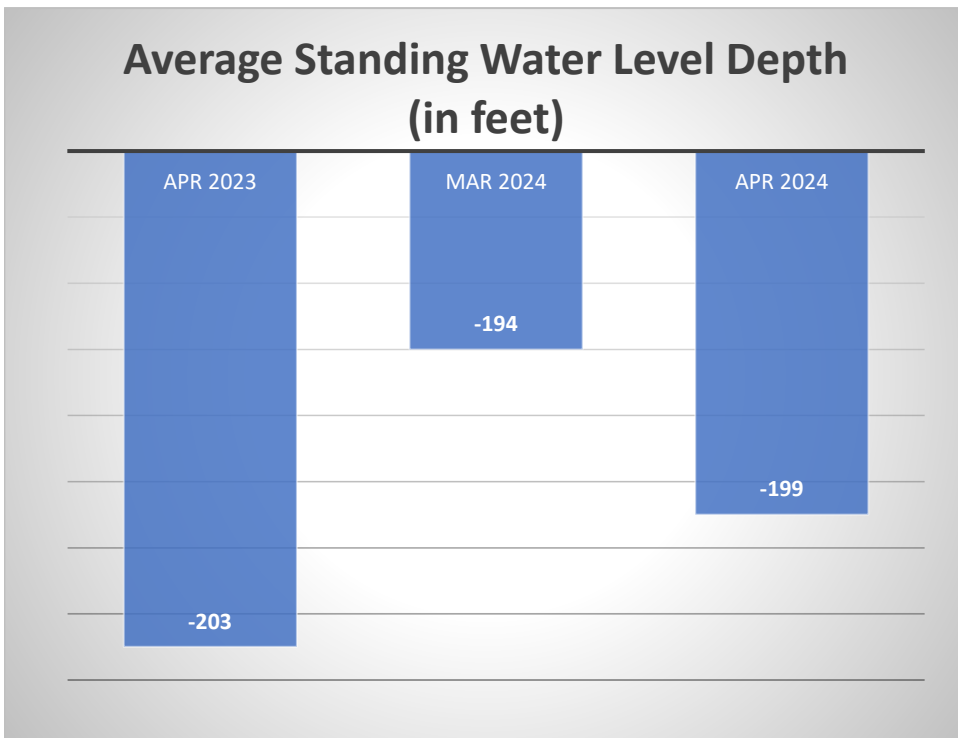
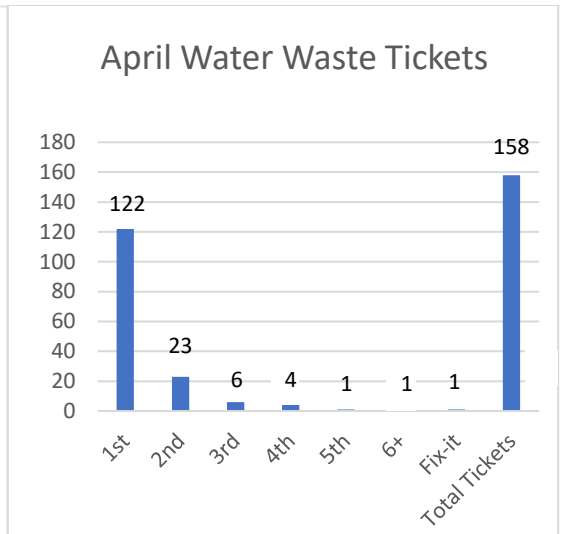
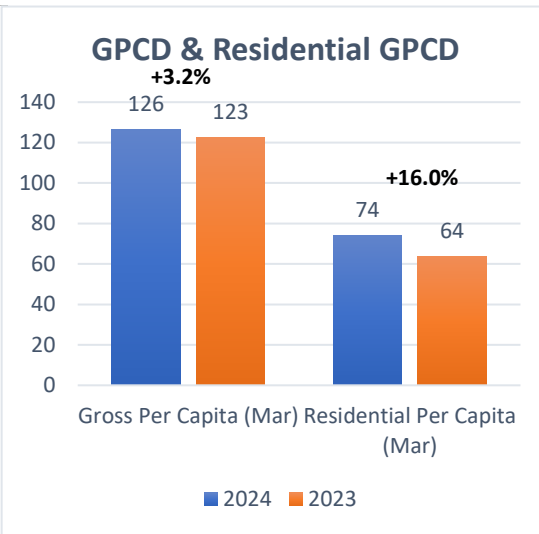
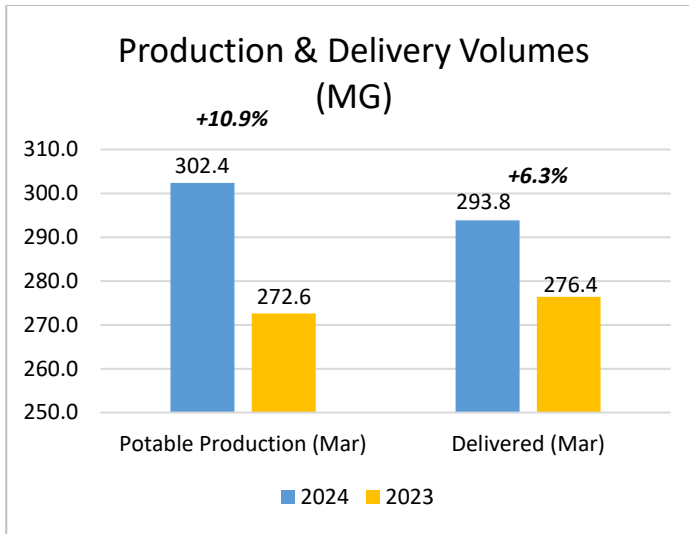
1. Approve with changes
2. Deny
3. Table

ATTACHMENTS

1. BPU Public Works Performance Dashboard Graphic

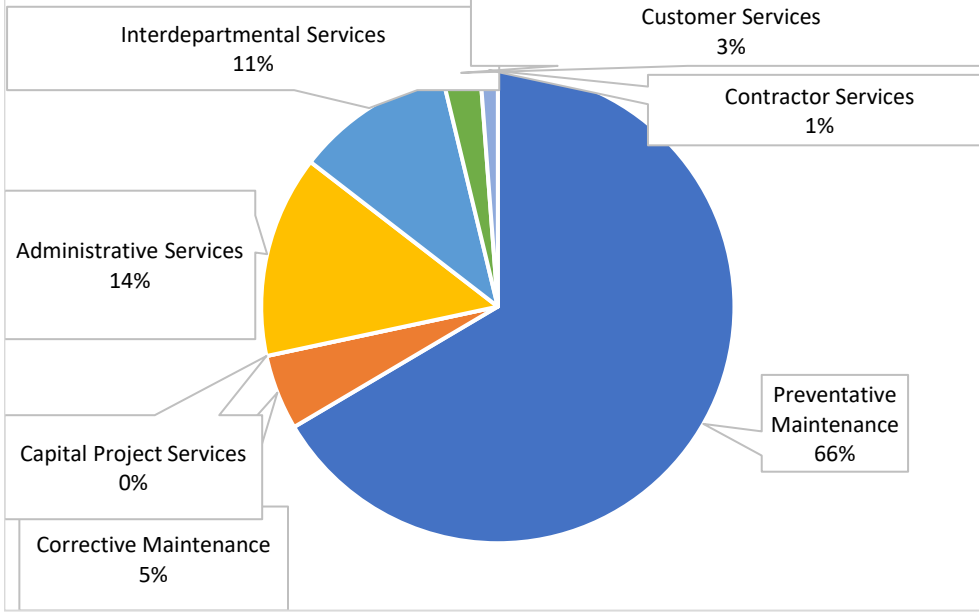
Reviewed/Approved: 

ATTACHMENT 1
City of Tularc Water Division
April 2024 Dashboard

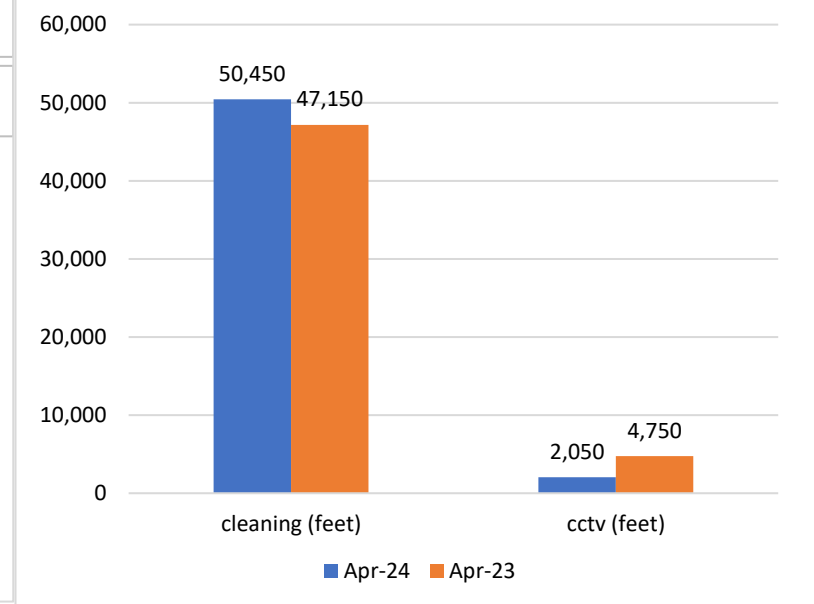


City of Tulare Sewer Collections/Solid Waste - April 2024 Dashboard

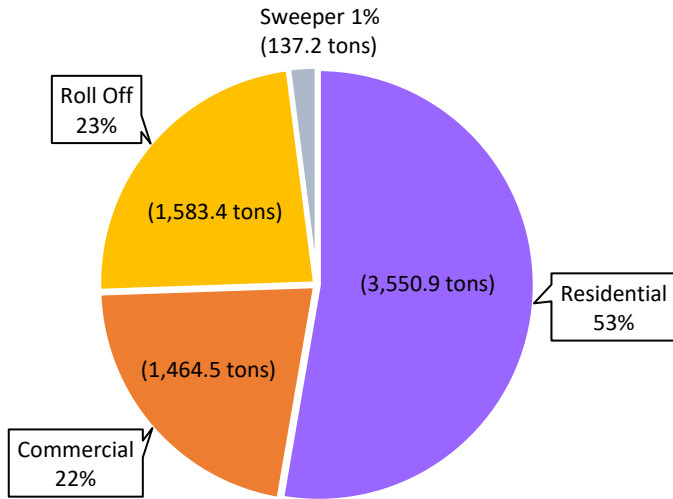
Sewer Collections Man Hour Distribution



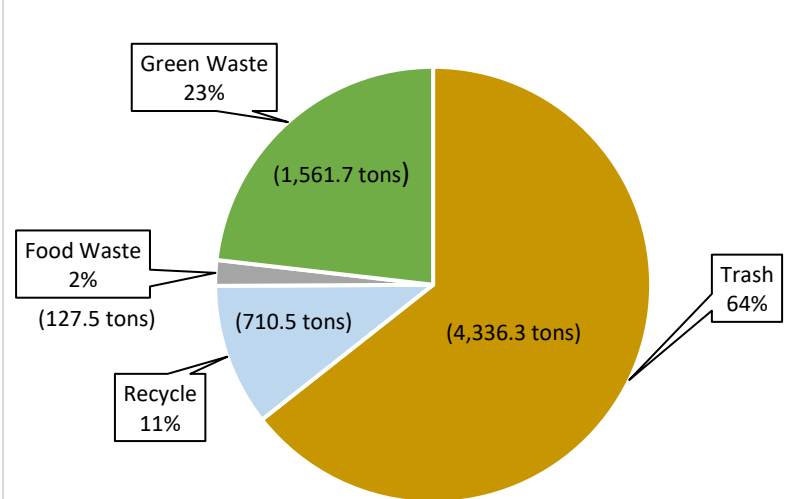
Linear Maintenance Footage



Tonnage by Division

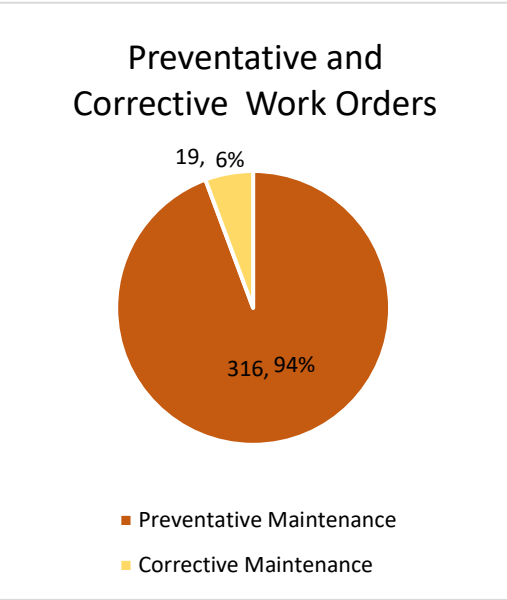
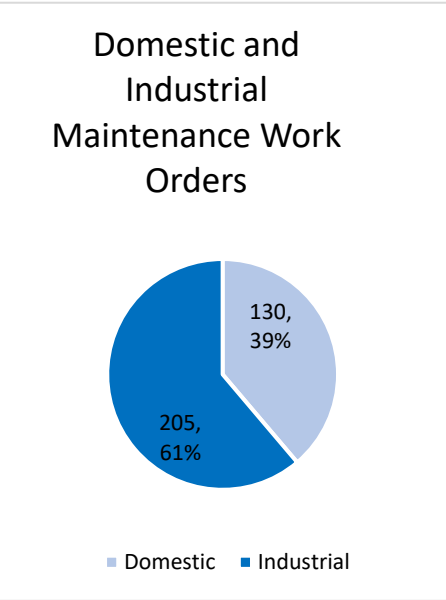


Tonnage by Type

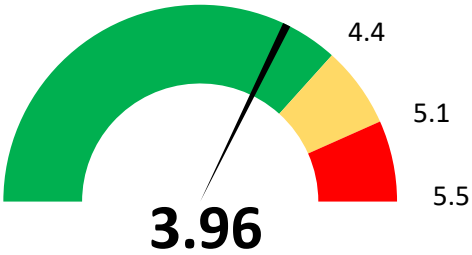


**City of Tulare WWTP Division
April 2024 Dashboard**

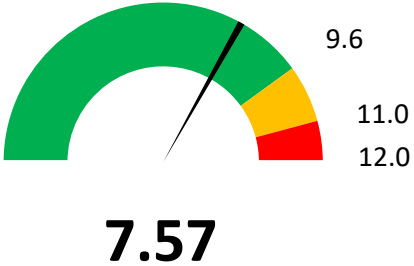
Compliance			
	BOD	TSS	Nitrogen
	<40mg/l	<40mg/l	<13mg/l
Efficiency	96.2%	92.1%	64.3%
Sample Avg (mg/l)	92.0	79.6	54.75

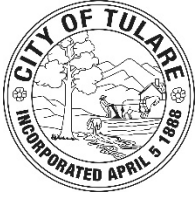


Domestic Influent Daily Average (MG)



Industrial Influent Daily Average (MG)





Staff Report

Meeting: Board of Public Utilities Commissioners

Date: June 6, 2024

Department: Public Works

Submitted by: Andrew Bettencourt, Management Analyst

Agenda Title: System Loss Quarterly Report

RECOMMENDED ACTION

Receive the quarterly Potable Water Pumping and Metered Delivery Report.

SUMMARY

System loss is the difference between the volume of water pumped from the city's municipal well system and the volume of water delivered to customers through their retail meters. This difference represents non-revenue water and is a factor indicative of the integrity of the water distribution system. Also included is the quarterly Public Works staff reports on the difference between potable water pumped and metered water deliveries over a rolling twelve month period.

Periodically, some months have retail meter reads for periods longer or shorter than 30 or 31 days. Production well meter data is collected on a strict calendar month basis (1st through the 30th for example). This, at times, produces irregular measurements, such as metered deliveries that exceed metered production. Some months have produced irregular system losses which are reflected on the chart as a negative percentage. Industry standard for system loss is 10% or less.

Over the last twelve months, the City has averaged 5.04% in system loss, well within industry standards.

FISCAL IMPACT & FUNDING SOURCE(S)

There is no fiscal impact associated with this action.

LEGAL REVIEW

This item did not require legal review.

ALTERNATIVE ACTION

1. Approve with changes
2. Deny
3. Table

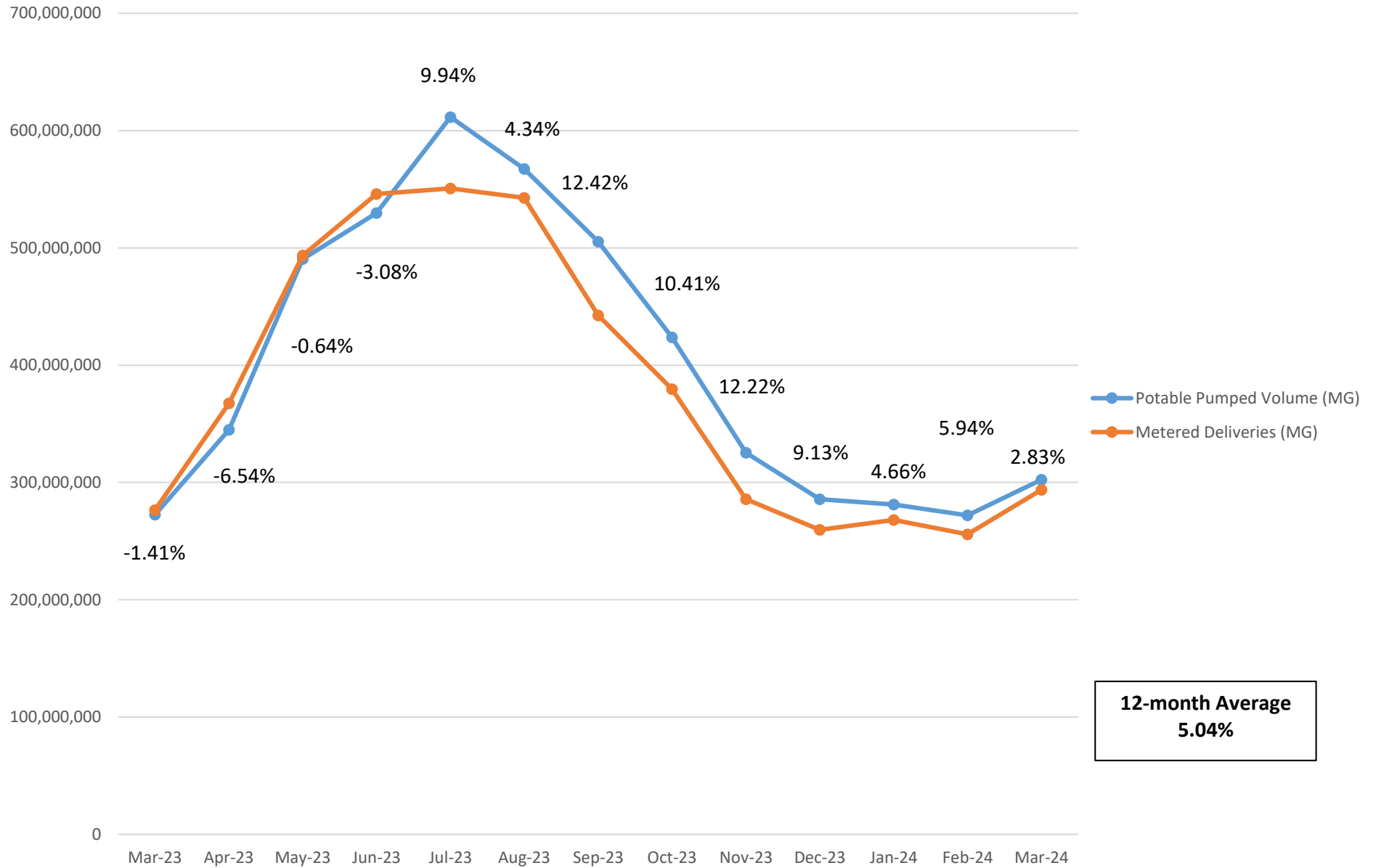
ATTACHMENTS

1. System Loss Quarterly Graphic

Reviewed/Approved: 

ATTACHMENT 1

Potable Pumped vs Metered Delivery





Staff Report

Meeting: Board of Public Utilities Commissioners
Date: June 6, 2024

Department: City Manager
Submitted by: Melissa Hermann, Chief Deputy City Clerk
Agenda Title: Cancellation of July 4 Meeting

RECOMMENDED ACTION

Cancel the regularly scheduled meeting of the Board of Public Utilities Commissioners on July 4, 2024.

SUMMARY

The Board of Public Utilities Commissioners hold regular meetings every first and third Thursday of each month. The first Thursday in July is July 4, a City-observed holiday. Staff is requesting the Board consider and approve cancellation of this meeting. The next regularly scheduled meeting following July 4 is July 19.

FISCAL IMPACT & FUNDING SOURCES

There is no fiscal impact associated with this action.

LEGAL REVIEW

This item does not require legal review.

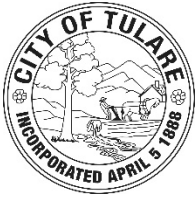
ALTERNATIVE ACTION

1. Approve with changes
2. Deny
3. Table

ATTACHMENTS

None

Reviewed/Approved: 



Staff Report

Meeting: Board of Public Utilities Commissioners

Date: June 6, 2024

Department: Engineering Services - Engineering

Submitted by: Michael Miller, City Engineer

Agenda Title: Capital Improvements Project Dashboard for June 2024

RECOMMENDED ACTION

Accept the Capital Improvements Project Dashboard for June 2024.

SUMMARY

On December 16, 2014, the Tulare City Council adopted the Tulare Project Management System Program Policy (TPMS). The goal of the TPMS is to help the City accomplish significant projects on time, within budget, and in accordance with each project's clearly defined scope. The TPMS utilizes a systematic approach to project management with the following goals:

- Establish consistency in how projects are managed,
- Create department 5-year project plans,
- Improve pre-planning and preparation,
- Identify and implement management policies and procedures,
- Improve project cost tracking and project delivery,
- Formalize and improve project reporting, and
- Review and evaluate project successes or failures upon completion in order to improve on future projects.

Pursuant to the City Council's request, staff provides quarterly Capital Improvement Project Dashboards for all major capital projects that fall under City Council's purview. The dashboard provides a visual summary of the overall progress of the projects so that City Council is aware of their status. The dashboards identify the project number, project title, project phase, project manager, start date, end date, budget, expenditures/encumbrances, and special notes regarding the status and/or issues affecting the project.

The attached Capital Improvements Project Dashboard reflects the quarterly status of active projects as of April 2024. The dashboard uses a color metric for the completion status graphic (pie chart) that reflects the phase each project is in. *BLUE* shading indicates that the project is in the Design phase, *GREEN* shading indicates that the project is in the Environmental or Right-of-Way Acquisition phase, and *ORANGE* shading indicates that the project is in the Construction or Implementation phase.

FISCAL IMPACT & FUNDING SOURCE(S)

Receipt and approval of the Capital Improvement Project Dashboard will not result in any fiscal impact.

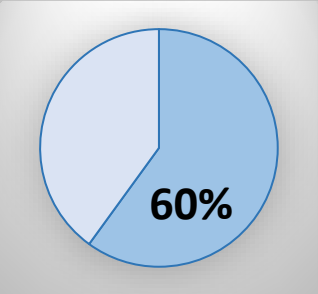
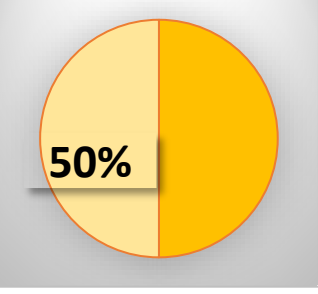
LEGAL REVIEW

This item does not require legal review.

ATTACHMENT 1

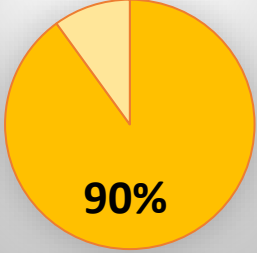
ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
WT0030: Annual Meter Replacement	<i>District(s):</i> All	Transition from 3G automated meter read (AMR) water meters to 4G advanced metering infrastructure (AMI) water meters, which allows for radio transmission reads of water consumption tracking and billing data information.	Average replacement of 150 meters/month. Approximately 60% of meters have been replaced – 12,239 replaced to date.	<i>Total Budget:</i> \$3,469,168	<div style="text-align: center;">  <p>60%</p> </div> <p>Expected Completion Ongoing</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px; background-color: #ADD8E6;">Design</div> <div style="border: 1px solid black; padding: 2px 5px; background-color: #90EE90;">R.O.W.</div> <div style="border: 1px solid black; padding: 2px 5px; background-color: #FFD700;">Const.</div> </div>
	<i>Division:</i> Water			<i>Encumbered:</i> \$165,701	
	<i>Project Manager:</i> Tim Doyle			<i>Spent to Date:</i> \$2,833,971	
	<i>Engineer:</i> N/A			<i>Remaining Budget:</i> \$478,450	
<i>Contractor:</i> Master Meter		<i>Funding:</i> Water CIP			
WT0040: SRF Grant Project (Matheny Well and Well 14 Pipeline)	<i>District(s):</i> All	Funded by a SRF grant from the State as a result of the Matheny Tract connection to the City water system. The project includes construction of a new City well 4-3 (per the Carollo Matheny/Soultz Technical Memorandum) and extending the 12" mainline from Well 14 north up I Drive to Matheny Tract.	Control building and generator pads poured. Control building block construction installed. Tie-in to K Street main completed. Onsite tie into well pending pad pours and installation of pump and motor. Permanent fencing to start mid-April.	<i>Total Budget:</i> \$8,061,402	<div style="text-align: center;">  <p>50%</p> </div> <p>Expected Completion Fall 2024</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px; background-color: #ADD8E6;">Design</div> <div style="border: 1px solid black; padding: 2px 5px; background-color: #90EE90;">R.O.W.</div> <div style="border: 1px solid black; padding: 2px 5px; background-color: #FFD700;">Const.</div> </div>
	<i>Division:</i> Water			<i>Construction Cost:</i> \$7,885,711	
	<i>Project Manager:</i> Michael Powers			<i>CO's to Date:</i> N/A	
	<i>Engineer:</i> Cannon			<i>Total Contract:</i> \$6,256,942	
				<i>Contract Working Days:</i> 270	

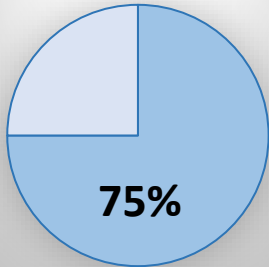
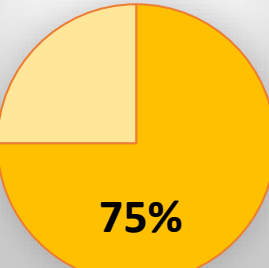
ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
	Contractor: Well Drilling - Prieto Water Well Drilling Inc. Well Equipping – W.M. Lyles	Funding: Water CIP			
WT0050: GIS System	District(s): All	Creation of a GIS system for the City of Tulare utility departments.	Work is currently ongoing, approximately 90% of the currently scoped underground infrastructure has been mapped, The remaining is currently underway.	Total Budget: \$600,000	 <p>90%</p>
	Division: Public Works			Encumbered: \$19,489.62	
	Project Manager: Jason Bowling			Spent to Date: \$543,074.47	
	Engineer: N/A			Remaining Budget: \$37,462.91	
	Contractor: Geographic Technologies Group	Funding: Water CIP, Sewer CIP, Streets CIP, Storm Drain CIP, Solid Waste CIP		Contract Working Days:	Ongoing
					<p>Expected Completion 2024</p> <p>Design → R.O.W. → Const.</p>

ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
WT0049: Water Meter Infrastructure Upgrade	<i>District(s):</i> All	Install antenna and related equipment for radio transmission reads of 4G water meters. Explore repeater signals, and determine long-term strategy in maximizing 4G water meter technology.	Core of the system is installed. All street signal-light based repeaters are installed. Six additional identified locations have been constructed and repeaters installed. More sites may be needed to address areas with weak or intermittent signal testing system looking for repeater locations is ongoing.	<i>Total Budget:</i> \$344,500	 <p>75%</p> <p>Expected Completion 2024</p> <p>Design → R.O.W. → Const.</p>
	<i>Division:</i> Water			<i>Encumbered:</i>	
	<i>Project Manager:</i> Tim Doyle			<i>Spent to Date:</i> \$212,648	
	<i>Engineer:</i> N/A	<i>Remaining Budget:</i> \$131,852			
<i>Contractor:</i> Master Meter	<i>Funding:</i> Water CIP			<i>Contract Working Days:</i> Ongoing	
WT0020: Annual Well Rehabilitation	<i>District(s):</i> All	Annual rehabilitation of 2-3 wells per year. For FY 2023/24, staff is planning to rehab wells #31, #33, and #26.	Contract awarded to Valley Pump & Dairy Systems on 11/16/23. Well 33 is complete. The contractor is replacing column, tube, and shaft at well 26. Also, the contractor is making final repairs to well 31.	<i>Total Budget:</i> \$600,000	 <p>75%</p> <p>Expected Completion Summer 2024</p>
	<i>Division:</i> Water			<i>Encumbered:</i> \$323,947	
	<i>Project Manager:</i> Dylan Chimienti			<i>Spent to Date:</i> \$0	
	<i>Engineer:</i> Staff	<i>Remaining Budget:</i> \$276,053			

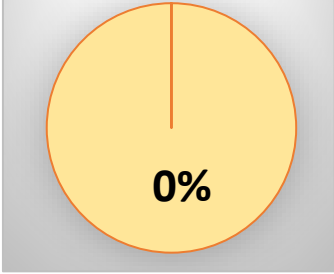
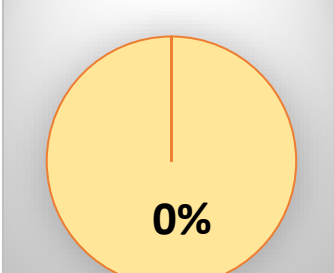
ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
	Contractor: Valley Pump and Dairy Systems	Funding: Water CIP		Contract Working Days: 90	
WT0033: Groundwater Recharge Basin	District(s): N/A	Reviewing possible groundwater basin locations for future use. Coordination with Tulare Irrigation District.	Exploring locations and waiting for revised Water Master Plans.	Total Budget: \$400,000	<p>Expected Completion TBD</p>
	Division: Water			Construction Estimate: TBD	
	Project Manager: Trisha Whitfield			CO's to Date: N/A	
	Engineer: TBD			Total Contract: TBD	
	Contractor: TBD	Funding: Water CIP	Contract Working Days: TBD		
WW0069: BVF Rehabilitation and Cover Replacement	District(s): N/A	This project is to replace the cover on the Bulk Volume Fermenter (BVF), service the underlying structure, and remove a portion of the solids	Contract was awarded on 8/17/23. Project is underway and was originally estimated to be completed by 12/31/23. Additional solids	Total Budget: \$5,437,108	
	Division: WWTP			Contract Award: 8/17/2023	
	Project Manager: Trisha Whitfield			Final Contract: \$4,830,147	
	Engineer: Provost & Pritchard			Total Spent: \$5,216,564	

ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
	<i>Contractor:</i> Synagro	that have built up in the BVF. Funding: Sewer CIP	removal required. Project completed in March 2024. NOC filed 4/19/24.	<i>Contract Working Days:</i> 84	Expected Completion 2024 Design → R.O.W. → Const.
WW0037: Aeration Piping and Valve Rehab	<i>District(s):</i> N/A	This is critical to the operation of the SBRs. The improper operation of these lines and valves lead to the overuse of the SBR blowers. These represent the single most costly unit to operate in the plants.	Staff is evaluating the project and will potentially include in scope of work for SBR Inspection and Maintenance Services. Staff will discuss to possibly add SBR Maintenance to scope of work.	<i>Total Budget:</i> \$155,000	 <p>Expected Completion TBD</p> <p>Design → R.O.W. → Const.</p>
	<i>Division:</i> WWTP			<i>Contract Award:</i> TBD	
	<i>Project Manager:</i> Trisha Whitfield			<i>Final Contract:</i> TBD	
	<i>Engineer:</i>			Remaining Budget: TBD	
	<i>Contractor:</i>	Funding:	<i>Contract Working Days:</i> TBD		
WW0040: Effluent Discharge Lagoon Gate Replacement	<i>District(s):</i> N/A	There are 234 sluice gates on 12 storage ponds that need to be replaced and properly installed. The gates that are currently in place do not work	Staff will need to coordinate with contract farmer to lower pond levels to inspect each pond (summer). Project scope will be refined after	<i>Total Budget:</i> \$185,000	
	<i>Division:</i> WWTP			<i>Contract Award:</i> TBD	
	<i>Project Manager:</i> Trisha Whitfield			<i>Final Contract:</i> TBD	
	<i>Engineer:</i>			Total Spent: TBD	
	<i>Contractor:</i>				

ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
	<i>Contractor:</i>	because of improper installation. Funding:	inspection and project will be completed in conjunction with the pond maintenance project.	<i>Contract Working Days:</i> TBD	Expected Completion TBD
WW0047: WWTP Facility Upgrades	<i>District(s):</i> N/A	This project is for planning and upgrade of the Waste Water Treatment Facility improvements. Upgrade existing wastewater treatment facility administration building and related structures for additional office space and laboratory improvements. Funding: Sewer CIP	Domestic Plant Expansion will also include funding for new/upgraded administration building. Plant capacity is currently being evaluated through the Sewer / Wastewater Master Plan. Looking to hire Owners Rep by beginning of 2024.	<i>Total Budget:</i> \$31,000,000	 Expected Completion 2027
	<i>Division:</i> WWTP			<i>Encumbered:</i> TBD	
	<i>Project Manager:</i> Trisha Whitfield			<i>Spent to Date:</i> TBD	
	<i>Engineer:</i> TBD			<i>Total Spent:</i> TBD	
	<i>Contractor:</i> TBD			<i>Contract Working Days:</i> TBD	
WT0056: New Well 1 Replacement	<i>District(s):</i> 1	Construction of a new water well to replace existing Well #1 on the same site.	Utilizing an on-call well design engineers. The City awarded the contract to Carollo Engineers on 12/7/23 to design plans and specifications.	<i>Total Budget:</i> \$1,630,000	 Expected Completion TBD
	<i>Division:</i> Water			<i>Contract Award:</i> TBD	
	<i>Project Manager:</i> Dylan Chimienti			<i>Final Contract:</i> TBD	
	<i>Engineer:</i> Carollo			<i>Total Spent:</i> TBD	

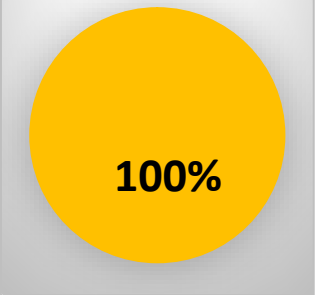
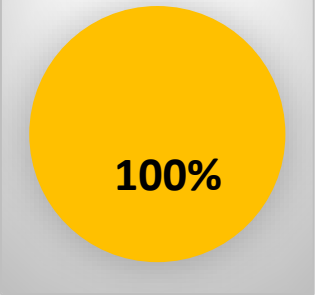
ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
	<i>Contractor:</i> TBD	<i>Funding:</i> Water CIP		<i>Contract Working Days:</i> TBD	
WT0055: Highway 99 Water Crossing at Washington Ave.	<i>District(s):</i> 4	Construction of a water main under Highway 99 between Prosperity and Cartmill.	Design Provost & Prichard have finished plan design. Currently in ROW acquisition with properties west of HWY 99.	<i>Total Budget:</i> \$2,100,000	<p>85%</p>
	<i>Division:</i> Water			<i>Construction Estimate:</i> \$1,500,000	
	<i>Project Manager:</i> Michael Powers	This project has been identified in the Water Master Plan and is needed to help loop the system on the north side of Tulare. This project will need to occur with development of Cartmill.	<i>CO's to Date:</i> N/A		
	<i>Engineer:</i> Provost & Pritchard		<i>Total Contract:</i> TBD		
<i>Contractor:</i> TBD	<i>Funding:</i> Water DIF; Water CIP		<i>Contract Working Days:</i> TBD	Expected Completion TBD 	
EN0088: Prosperity / West Traffic Signal	<i>District(s):</i> 1, 2	Expansion project to install a traffic signal at the intersection of Prosperity and West. Includes ROW acquisition to allow placement of facilities at their ultimate location. Includes ADA concrete work, sewer water, storm drain, and TID facilities.	Design is complete, and ROW acquisition is ongoing. Properties are in escrow. A Resolution of Necessity was approved by the City Council. Anticipated to bid in 2025 pending final ROW acquisition.	<i>Total Budget:</i> \$3,486,840	<p>90%</p>
	<i>Division:</i> Engineering			<i>Construction Estimate:</i> \$3,295,446	
	<i>Project Manager:</i> Dylan Chimienti			<i>CO's to Date:</i> N/A	
	<i>Engineer:</i> QK			<i>Total Contract:</i> TBD	
			<i>Contract Working Days:</i> TBD	Expected Completion 2025	

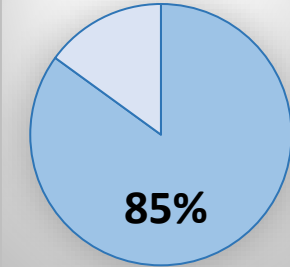
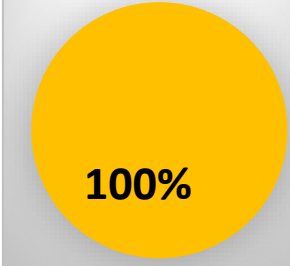
ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
	Contractor: TBD	Funding: Measure R, Gas Tax, Water CIP, Sewer CIP			Design → R.O.W. → Const.
EN0091: Elliott Tract Improvements	District(s): 1	Pavement management system and utility project on Owens (West-Santa Clara), Los Angeles (Bardsley-Owens), Elm (West-Sacramento), and Santa Clara (Bardsley-Inyo). Includes ADA concrete work and water, sewer and storm drain facilities.	Construction: City staff is working with contractor to complete labor compliance requirements before NOC.	Total Budget: \$5,808,207	 <p>Expected Completion 2023</p>
	Division: Engineering			Const Contract Award: \$4,136,815	
	Project Manager: Nick Bartsch			CO's to Date: \$46,858.44 (1.12%)	
	Engineer: 4Creeks			Total Contract: \$4,183,673	
	Contractor: Dawson-Mauldin, LLC	Funding: Gas Tax, Gas Tax (RMRA) SB1, Water CIP, Sewer CIP, Streets CIP, Storm Drain CIP		Contract Working Days: 190	Design → R.O.W. → Const.
EN0092: Pratt St. / Mefford- Choice Tracts Improvements	District(s): 1, 2	Pavement management system and utility project on Pratt (Bardsley-Inyo), Walter (Bardsley-Elm), Oliver (Bardsley-Elm), Cleveland (Bardsley-Elm), Victoria (Bardsley-Elm), Elm (Howard-D Street), and "C" Street (Elm-Alpine). Includes ADA concrete work and water, sewer and storm drain facilities.	Construction: City staff is working with contractor to complete labor compliance requirements before NOC.	Total Budget: \$8,728,466	 <p>Expected Completion 2023</p>
	Division: Engineering			Const Contract Award: \$6,782,277	
	Project Manager: David Dodson			CO's to Date: \$39,864.44 (0.59%)	
	Engineer: Provost & Pritchard			Total Contract: \$6,822,141.44	
				Contract Working Days: 220	Design → R.O.W. → Const.

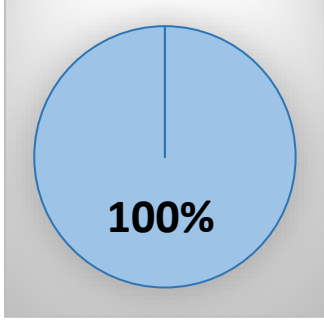
ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
	Contractor: Dawson-Mauldin, LLC	Funding: Measure R, Gas Tax, CDBG, Gas Tax (RMRA) SB1, Water CIP, Sewer CIP, Streets CIP, Storm Drain CIP			
EN0093: Prosperity & J St. Intersection Improvements	District(s): 2, 4	CRISI Grant funded project to add protected left movements for E/bound & W/bound traffic at Prosperity and J Street, add a pre-signal in advance of the UPRR crossing, and install ADA compliant pedestrian improvements.	Design: Design and coordination with Union Pacific Railroad is ongoing	Total Budget: \$2,800,000	 <p>85%</p> <p>Expected Completion 2025</p> <p>Design → R.O.W. → Const.</p>
	Division: Engineering			Construction Estimate (City Portion): \$700,000	
	Project Manager: Michael Powers			CO's to Date: N/A	
	Engineer: Peters Engineering Group			Total Contract: TBD	
	Contractor: TBD	Funding: Gas Tax (HUTA), CRISI Grant		Contract Working Days: TBD	
EN0094: Sycamore & San Joaquin Improvements	District(s): 4	Pavement Management System / Utility project on King Ave. between O St. and Cherry St.; Sycamore Ave. between Cherry St. and Blackstone St.; San Joaquin Ave. between O St. and Blackstone St.; Madden St. between Tulare Ave. and King St.; Delwood St. between Sycamore Ave. and San Joaquin	Construction: Notice of completion was filed 2/22/24.	Total Budget: \$8,743,192	 <p>100%</p> <p>Expected Completion 2024</p> <p>Design → R.O.W. → Const.</p>
	Division: Engineering			Contract Award: \$6,652,485.50	
	Project Manager: David Dodson			CO's to Date: \$23,640.75	
	Engineer: Peters Engineering Group			Total Contract: \$6,676,126.25	

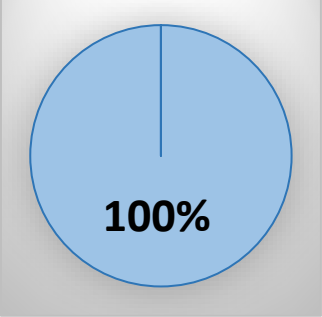
ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
		Ave.; and N. Highland St. between Tulare Ave. and Sycamore Ave. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.			
	Contractor: Floyd Johnston Construction Company, Inc.	Funding: Gas Tax (RMRA), CDBG, Water CIP, Sewer CIP, Streets CIP, Storm Drain CIP			
EN0095: Academy & Apricot Improvements	District(s): 4	Pavement Management System / Utility project on Apricot Ave. between Gem St. and Blackstone St.; Academy Ave. between Gem St. and Blackstone Ave.; Pine Dr. between Academy Ave. and Highland St.; E. La Mesa Dr. between Academy Ave. and Blackstone St.; N. Gem St. between San Joaquin Ave. and Academy Ave.; Highland St. between San Joaquin Ave. and the Santa Fe Trail; and Olympic Ct. at Apricot Ave. Includes ADA Concrete work, Water, Sewer	Bidding & Award: City Council awarded project 4/16/2024. Staff is currently conducting an environmental assessment. Once complete construction can begin. Staff anticipates construction beginning end of June to beginning of July.	Total Budget: \$12,741,517	 <p>100%</p> <p>Expected Completion Fall 2025</p> <p>Design → R.O.W. → Const.</p>
	Division: Engineering			Const Estimate (City Portion): \$7,500,000	
	Project Manager: Dylan Chimienti			CO's to Date: \$0	
	Engineer: 4Creeks			Total Contract: \$9,931,583	
				Contract Working Days: 280	

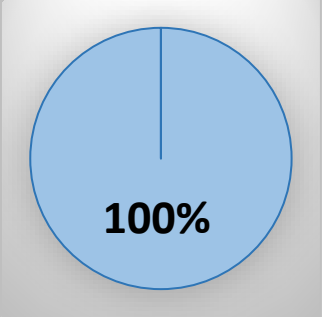

ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

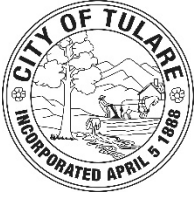
Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
		and Surface Water facilities.			
	Contractor: Dawson-Mauldin LLC	Funding: Gas Tax (RMRA/HUTA), Water CIP, Sewer CIP, Streets CIP, Storm Drain CIP			
EN0098: Various Streets Northeast of Tulare Ave. and Dayton St. - Improvements	District(s): 3	Pavement Management System / Utility project on Academy Ave. between Dayton St. and Laspina St; Stanley Dr. between Lane St. and Academy Ave.; La Mesa Ave. between Dayton St. and Spruce St.; Burton Ave. east of Lane St.; Miracle Ct.; Dayton St. between Tulare Ave. and La Mesa Ave.; Lane St. between Tulare Ave. and Burton Ave.; and Canby St. between Tulare Ave. and the Santa Fe Trail. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.	Design: 100% design and bid specifications have been completed.	Total Budget: \$8,492,314	 <p>Expected Completion Fall 2025</p> <p>Design → R.O.W. → Const.</p>
	Division: Engineering			Const Estimate (City Portion): \$8,059,579	
	Project Manager: Bryan Cahill			CO's to Date: N/A	
	Engineer: Peters Engineering Group			Total Contract: TBD	
	Contractor: TBD			Contract Working Days: TBD	

ENGINEERING SERVICES / PROJECT MANAGEMENT DASHBOARD

Date: June 6, 2024

Project Name	Contracts	Description	Progress Update	Project Budget	Completion
EN0099: Mt. View St. Improvements	<i>District(s):</i> 5	Pavement Management System / Utility project on Tulare Ave./Cheryl Lane Alley between Canby St. and Mt. View St.; Cheryl Lane at Laspina St.; Academy Ave. between Laspina St. and Mt. View St.; Burton Ave. west of Laspina to east of Mt. View St.; Eastgate Ave. west of Laspina St. to Mt. View St.; Vineland Ave. between Laspina St. and Mt. View St.; and Fairwind Ct. at Vineland Ave. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.	Design: 100% design and bid specifications have been completed.	<i>Total Budget:</i> \$7,470,575	 <p>100%</p>
	<i>Division:</i> Engineering			<i>Const Estimate (City Portion):</i> \$7,037,839	
	<i>Project Manager:</i> Dylan Chimienti			<i>CO's to Date:</i> N/A	
	<i>Engineer:</i> 4Creeks			<i>Total Contract:</i> TBD	
	<i>Contractor:</i> TBD	Funding: Gas Tax (RMRA), Water CIP, Sewer CIP, Streets CIP, Storm Drain CIP		<i>Contract Working Days:</i> TBD	<p>Expected Completion Fall 2025</p> 



Staff Report

Meeting: Board of Public Utilities Commissioners

Date: June 6, 2024

Department: Public Works

Submitted by: Trisha Whitfield, Public Works Director

Agenda Title: Draft Water, Wastewater, and Storm Drain Master Plan

RECOMMENDED ACTION

Receive a presentation on the draft Water, Wastewater, and Storm Drain Master Plan.

SUMMARY

In October 2022, the Board approved a contract with Carollo Engineers for engineering services for the preparation of the Water, Sanitary Sewer, and Storm Drain Master Plans. The last utility master plans were adopted in 2009, therefore this has been quite a task due to the complexity of the City's infrastructure and the massive amount of data and information collected and analyzed over the course of the past year. Preparation of the master plans included the evaluation and creation of capital improvement plans needed to meet both existing and future infrastructure demands within city limits and the urban development boundary.

Carollo presented the proposed capital improvement plans at a Board meeting on March 21, 2024. For that presentation, the Board received the detailed list of projects which were separated out by service (water, sewer, storm drain) and maps identifying the improvements. The detailed sheets also distinguished if the projects were needed for existing infrastructure or if they were for future development. These projects and maps are included in the draft master plan.

Tim Loper from Carollo Engineers will give a presentation of the Water, Wastewater, and Storm Drain Master Plan. The Board is requested to receive the presentation on the draft materials and offer feedback to staff and the consultant. Staff will return to the Board at a later date with a final document for formal consideration and adoption.

FISCAL IMPACT & FUNDING SOURCE(S)

There is no fiscal impact associated with this presentation.

LEGAL REVIEW

This item did not require legal review.

ALTERNATIVE ACTION

1. Approve with changes
2. Deny
3. Table

ATTACHMENTS

1. Draft Water, Wastewater, and Storm Drain Master Plan (*attachment provided electronically only due to size; available electronically*)

Reviewed/Approved: 