

Rockdale Water Resources(RWR)

2024 Budget Presentation (Including CIP)

FY24 – Budget Requests
Presenter: Director, Kimbry Peek
Date: August 9, 2023

Presentation Agenda

3-4.

- Vision, Mission, & Values
- Opportunities & Challenges

5.

- Envision Rockdale: Department Goals & Initiatives FY-24

6-11.

- Organizational Charts: Current & Proposed
- Budget Summary

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- Operational Request
- Operational Justification

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- Personnel Request
- Personnel Justification

16-27.

- 5 Year CIP
- 2024-2028



Vision, Mission & Values

Department Statements



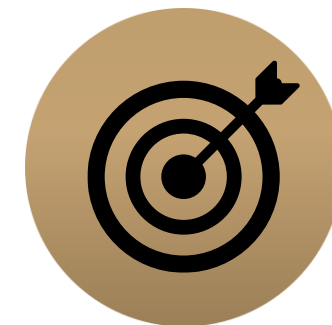
Rockdale Water Resources

Rockdale Water
Resources



o VISION

- *To be the premier water and sewer utility in the State of Georgia, championing economic development & service delivery, while embracing environmental stewardship in Rockdale County*



o MISSION

- *Remain Perfectly Positioned to provide the ultimate natural resourceWATER*



o VALUES

- *Quality, Dependability, & Exceptional Service*

Opportunities & Challenges

SUCSESSES

- 16th Consecutive Platinum Award (Gees Mill WTP)
- Best Tasting Drinking Water (District 3)
- Completed Radio Read (AMI Project)
- Gold Awards for the five Wastewater Treatment Facilities
- Launching a partnership with ARC & local technical college to fund an apprenticeship program for critical water and wastewater personnel
- Awarded GEFA grant for Lead & Copper Program
- 2022 Consumer Confidence Report confirming no contaminations or violations in our drinking water
- USGS completed the Decennial Bathymetric Survey
- Launched new RWR Website

OPPORTUNITIES

- Focus on Aging Water and Sewer Infrastructure
- Workflow management
- Wastewater Capacity
- Additional Grant funding
- Provide additional training/career development for staff
- Educational Outreach
- Technology (Automation)

CHALLENGES

- Succession
- Increase in cost of material and supplies
- Competitive Job Market
- Supply Chain

FY24 Goals & Initiatives

Department's Envision Rockdale Strategic Plan

Infrastructure & Transportation

- Review, Repair, and Replace Aging Infrastructure
- Phase 2 of Automated Meter Infrastructure (AMI)- Replacing Older AMI Meters

Economic Development

- Completion and Implementation of Rate Study
- Leak Adjustment Automation
- Audit Water and Sewer Accounts

Quality of Life

- Water Service Line Cooper and Lead Replacement

Education & Workforce Development

- Water and Wastewater Apprenticeship Program with ARC and Local College
- Continuing Education for leaders and emerging leaders

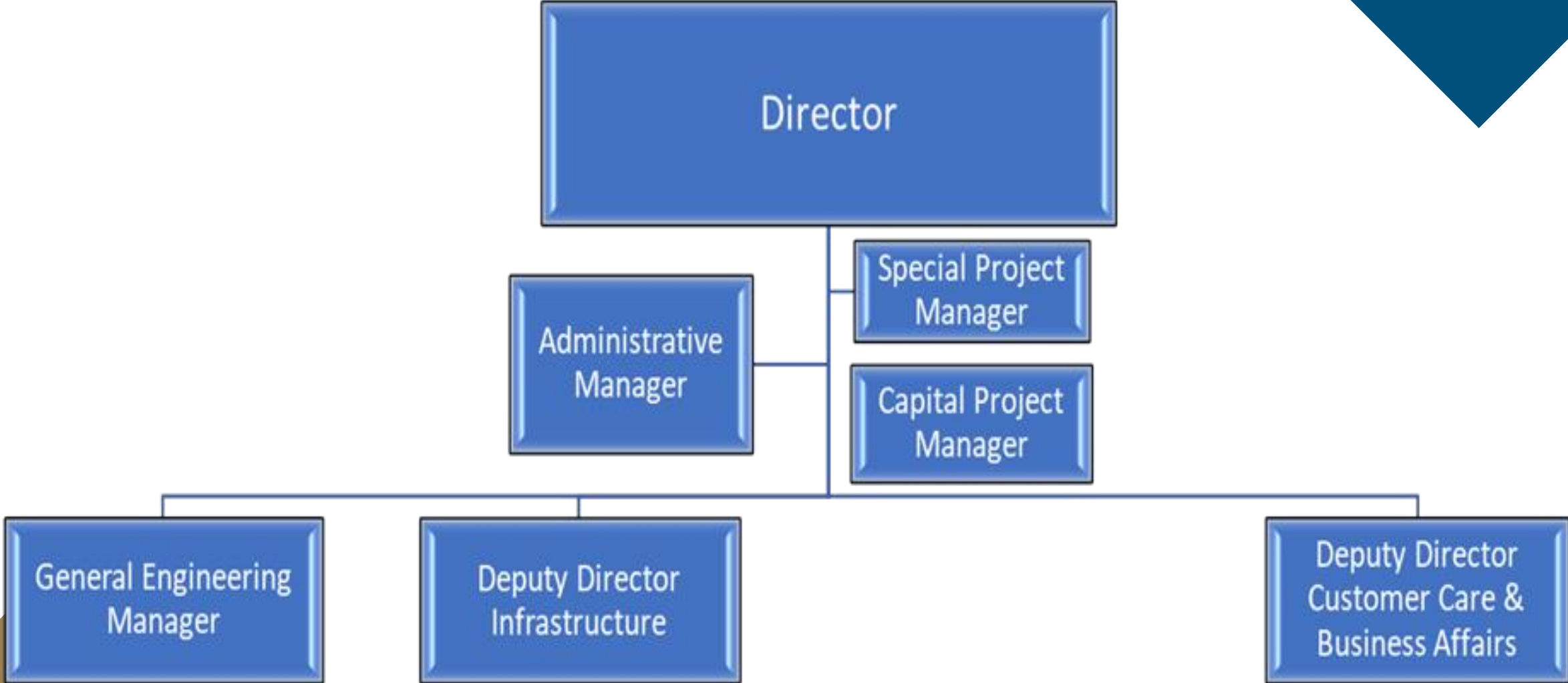
Social Investment

- Partner with local PTAs, schools, and social/civic groups through our utility education program

Current Organizational Chart

(RWR Administration)

Fiscal Year 2023



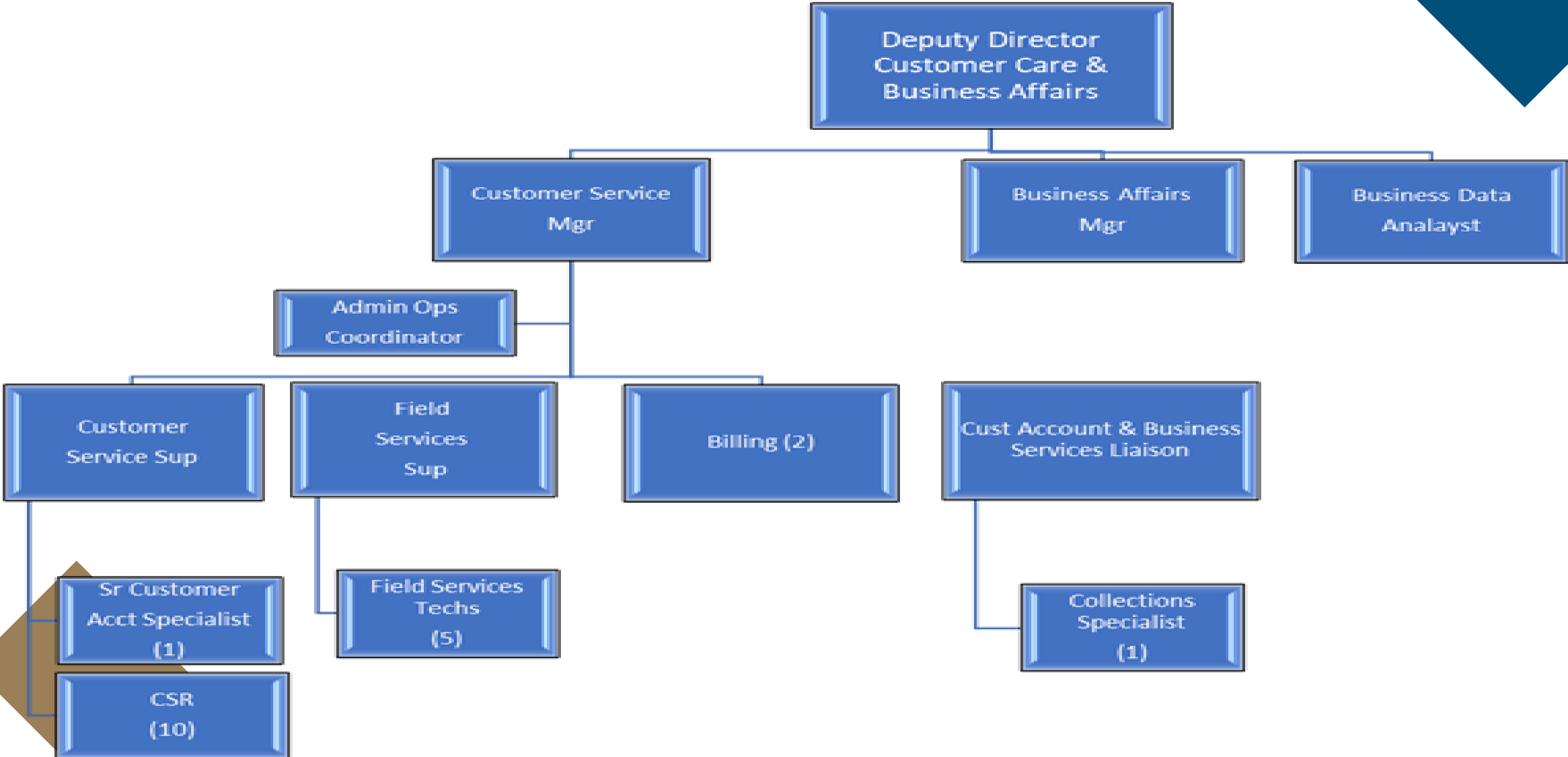
Vacancies

- Capital Projects Manager
- Special Projects Manager

Current Organizational Chart

(Customer Care & Business Affairs)

Fiscal Year 2023



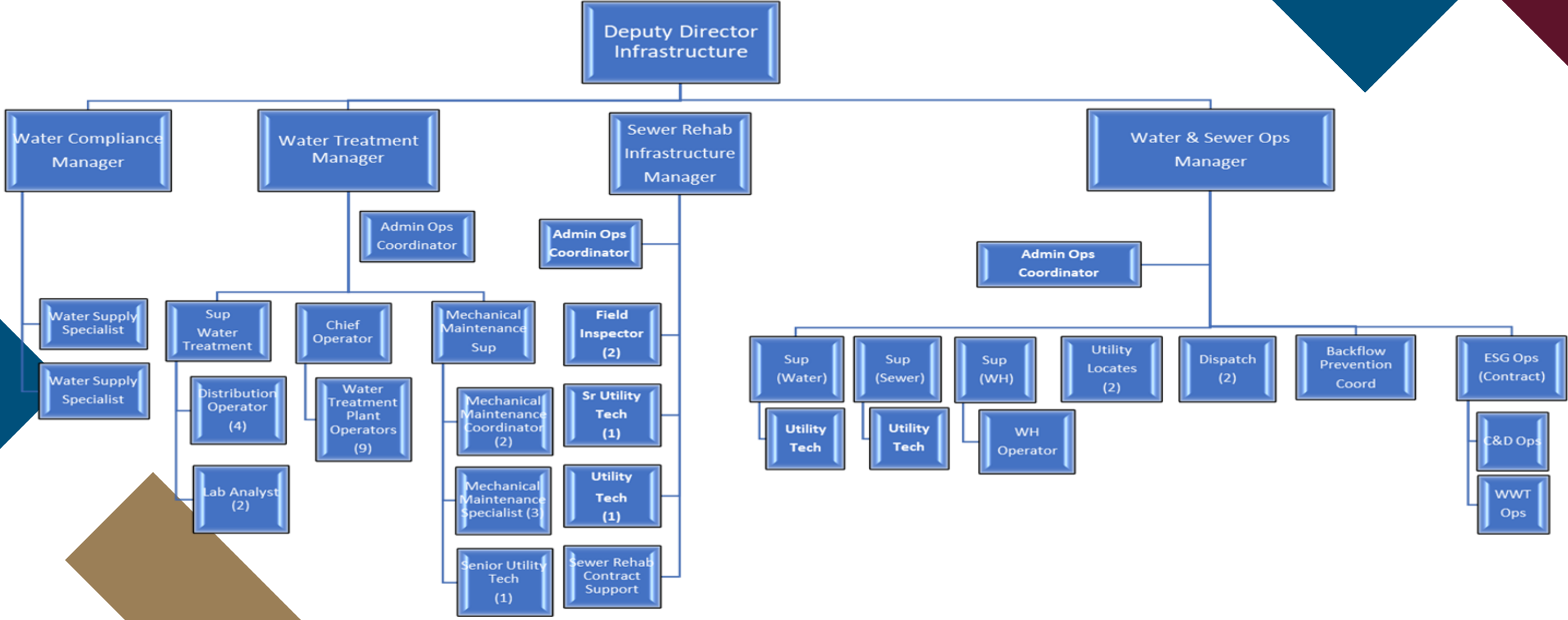
Vacancies

- Customer Service Manager
- Collections Specialist
- Customer Service Representative

Current Organizational Chart

(Infrastructure)

Fiscal Year 2023



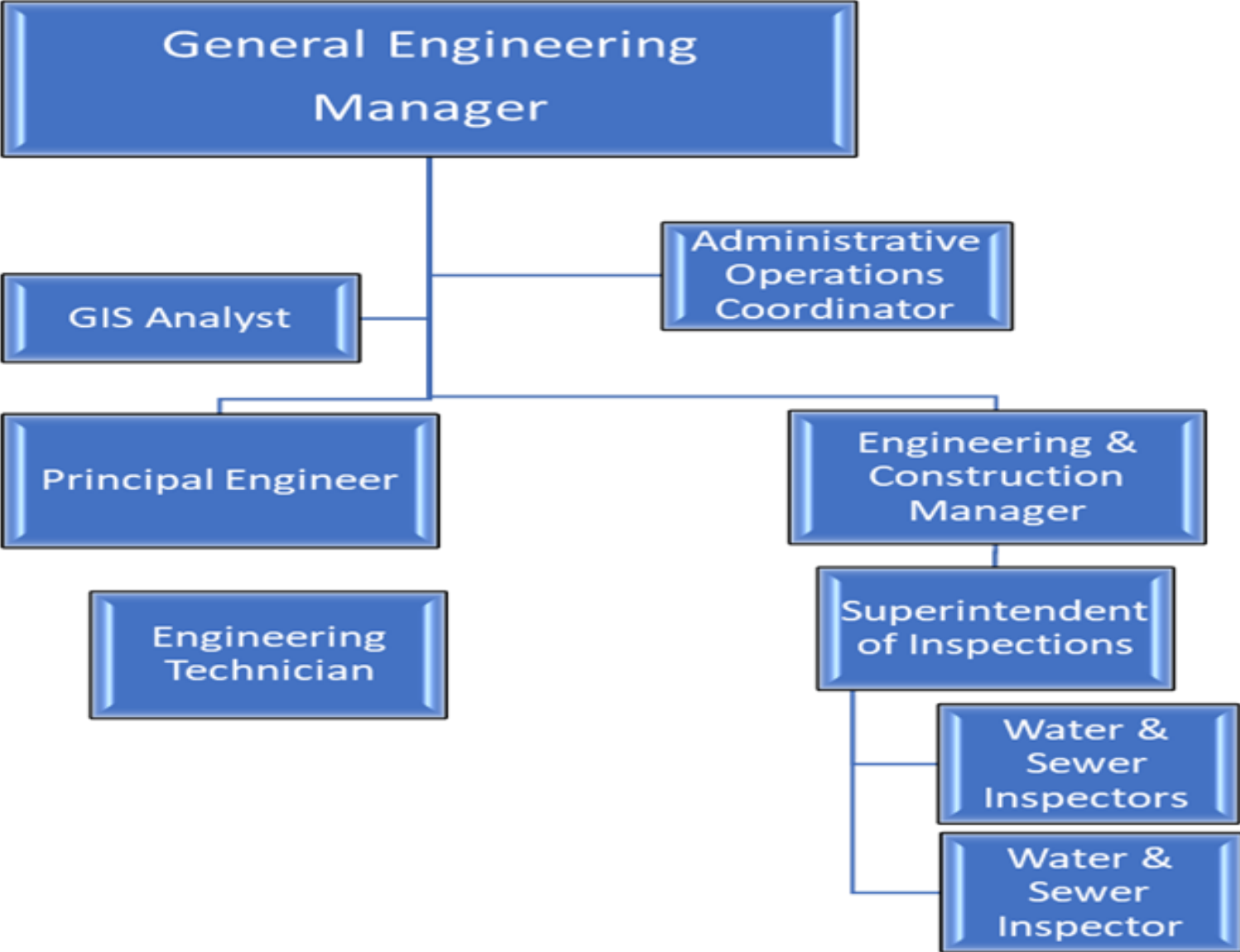
Vacancies

- Sewer Rehab Infrastructure Mgr.
- Water Compliance Manager
- Water & Sewer Ops Manager
- Utility Technician (2)
- Admin. Ops Coordinator (2)
- Field Inspector (2)
- Sr. Utility Tech
- Utility Tech (3)
- Warehouse Supervisor

Current Organizational Chart

(RWR Engineering)

Fiscal Year 2023

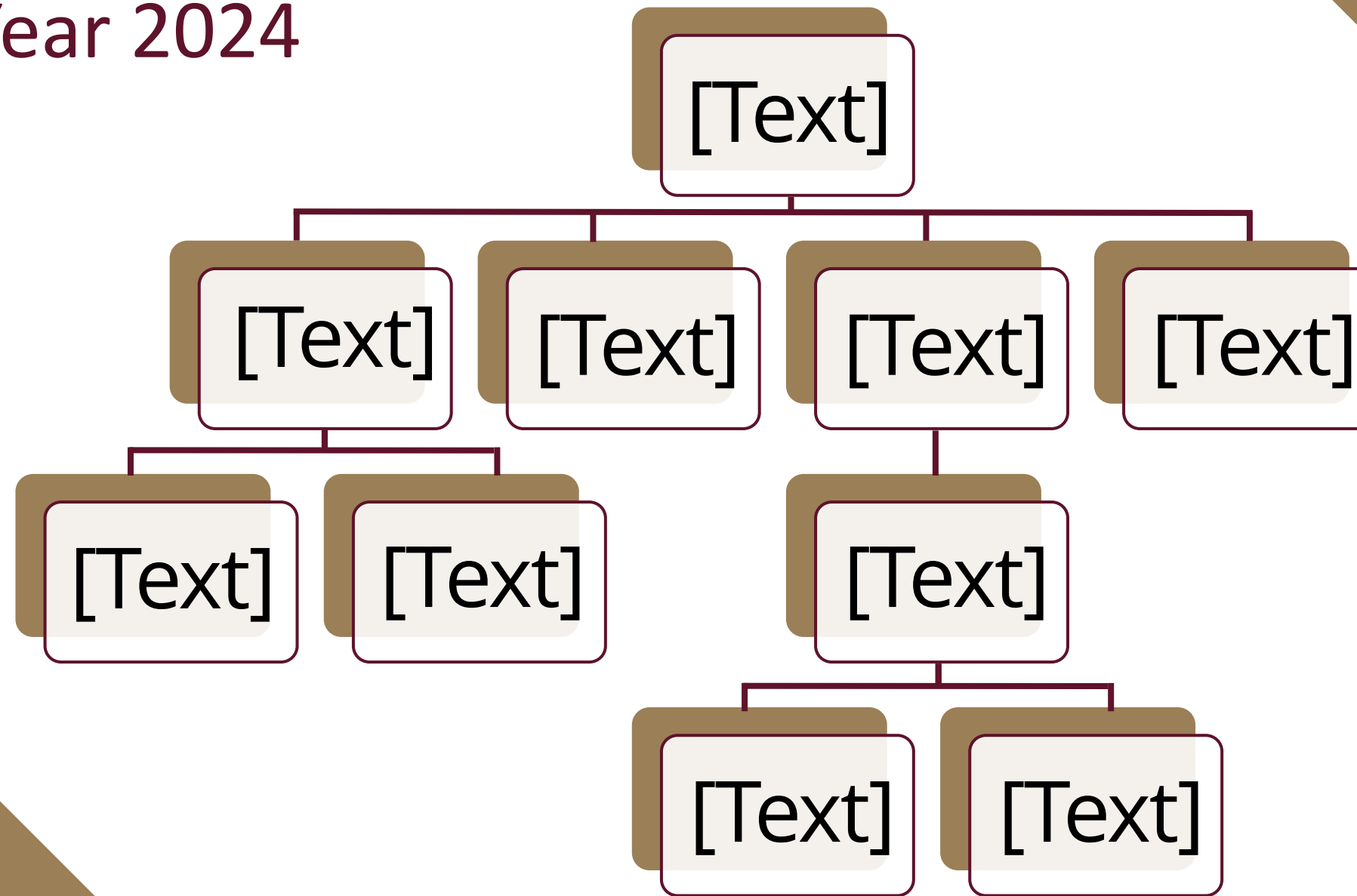


Vacancies

- Principal Engineer
- Engineering & Construction Manager

Proposed Organizational Chart

Fiscal Year 2024



Personnel Changes

None

Budget Summary

RWR

*Report Provided by Finance

RWR	Budget FY 2023	Proposed FY 2024	Change
Total Operating Expenses	\$33,380,492	\$36,745,751	\$3,365,529
Total Personnel Services & Benefits	\$5,137,876	\$5,820,683	\$682,807
Total Est. Budget impact	\$38,518,368	\$42,566,434	\$4,048,066

Operational Request

RWR

RWR	Description	FY23 Budget	FY24 Cost	Amount Change
Technical Services	Contractual services for Water, Wastewater, Customer Service and Engineering Operations	\$13,361,231	\$14,412,226	\$1,050,995
Professional Services	Sanitary Sewer Rehabilitation and Preventative Maintenance	\$1,795,000	\$3,075,000	\$1,280,000
Repair & Maintenance	Repairs at Water and Wastewater Treatment Plants	\$1,751,840	\$1,990,710	\$238,870
General Supplies & Material	Increase in Material Cost and General Supplies	\$2,188,340	\$2,354,666	\$166,326
Total Est. Budget impact				\$2,736,191

Operational Request Justification

Requests

Technical Services	\$1,050,995
<ul style="list-style-type: none">• Sewer Collection and Water Distribution Operation and Maintenance Services• Contractual Services for Water and Wastewater Engineering Services	
Professional Services	\$1,280,000
<ul style="list-style-type: none">• Replacement of aging, deficient sewer infrastructure• Mandatory Collection System Preventative Maintenance to Prevent Sanitary Sewer Spills	
Repair and Maintenance	\$238,870
<ul style="list-style-type: none">• Mandatory maintenance/replacement of filters at the Water Treatment Plant• Mandatory maintenance /replacement of Wastewater Pumps at the Wastewater Treatment Facilities	
General Supplies and Materials	\$166,326
<ul style="list-style-type: none">• Increased in cost on water and wastewater field supplies and materials	

Personnel Request

FY23 Budgeted Department Total- 90

FY24 Requested Additional Personnel – 0

Job Title	Fund	Division	FTE or PT	Head Count	Request Type	Salary +40% Benefits
Sample Title	TBD	N/A	FTE	1	New Position	\$XX,XXX
Sample Title	TBD	N/A	FTE	1	New Position	\$XX,XXX
Sample Title	TBD	N/A	FTE	1	New Position	\$XX,XXX
Sample Title	TBD	N/A			Reclass	\$XX,XXX
				Total Est. Budget impact		\$XXX,XXX

New Department Total (w/Request)- 90

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5 Year CIP 2024-2028

Automotive Equipment

	2024	2025	2026	2027	2028
#1590 Cust Svc /Replace WA 722 (2013 Explorer)	\$ 40,000				
#1590 Cust Svc F-150 (Replace WA 723 - 2013 F-150)		\$ 35,000			
#1590 Cust Svc F-150 (Replace WA 274- 2014 F-150)		\$ 35,000			
#1590 Cust Svc F-150 (Replace WA 714 2005 F-150)			\$ 35,000		
#1590 Cust Svc F-150 / Replace (WA 721 - 2012 F-150)			\$ 35,000		
#4410 Engineering / Replace WA 246 (2014 F-150)				\$ 40,000	
#4410 Engineering / Replace WA 247 (2014 F-150)				\$ 40,000	
#4430 WTP / Replace Distribution Truck WA 254	\$ 35,000				
4420 WS / Ventrac Slope Mower	\$ 60,000				
Automotive Equipment (Cars, Trucks, & Vans)					
Total Automotive Equipment	\$ 135,000	\$ 70,000	\$ 70,000	\$ 80,000	\$ 0

Technology Programs & Improvements

	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
#1590 Customer Svc. Audit of Water and Sewer Accounts	\$ 40,000	\$ 40,000			
#4430 SCADA Upgrade and Replacement	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Total Technology Programs & Improvements	\$ 240,000	\$ 240,000	\$ 200,000	\$ 200,000	\$ 200,000

CONSTRUCTION & HEAVY EQUIPMENT

	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
4420 WS / UTV Full-Cab enclosure	\$ 20,000				
4331 SS / Pull behind Vac - Con	\$ 200,000				
4430 WTP / 4-Wheel Electric Forklift	\$ 20,000				
Total Construction & Heavy Equipment	\$ 240,000	\$ -	\$ -	\$ -	\$ -

BUILDING IMPROVEMENTS/RENOVATIONS/EXPANSIONS

<u>Description</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
<u>#1590 Customer Service</u>					
Expansion and Repairs	\$ 75,000	\$ 75,000			
RWR Customer Service Center Roof			\$ 75,000		
<u>#4335 Wastewater Treatment Plant</u>					
Heated wet vehicle storage (C/D)	\$ 120,000				
<u>#4430 Plant General</u>					
Finish Water - Backup Generator			\$ 500,000		
Replace and Renew front desk	\$ 20,000				
Upgrade HVAC systems	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Replace Gate Openers	\$ 40,000				
Have roof checked and any leaks repaired		\$ 10,000			
Replace Control Panel -12 for chemical feed	\$ 50,000				

BUILDING IMPROVEMENTS/RENOVATIONS/EXPANSIONS

#4430 Chemical Building	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Replace PAC transfer pumps	\$ 20,000				
Replace PAC feed pump (3)	\$ 35,000				
Replace Fluoride transfer pumps	\$ 20,000				
Have bulk area cleaned and painted		\$ 30,000			
Replace Hypo Feed pump (3)	\$ 90,000				
Replace Potassium Permanganate Dry feed system	\$ 150,000				
Replace Hypo tanks			\$ 100,000		
Replace mixers on Bulk and Pre Lime (3 mixers)	\$ 60,000				
Replace Phosphate transfer pumps	\$ 20,000				
Paint Hypo building	\$ 10,000				
Replace hand rails on walk way (Fiberglass)		\$ 20,000			
Replace doors entering Ozone room			\$ 10,000		
Upgrade Chemical Bulk Storage area to a Climate Controlled area				\$ 500,000	

BUILDING IMPROVEMENTS/RENOVATIONS/EXPANSIONS

<u>#4430 Super Pulsator Building</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Replace concentrator plug valves	\$ 40,000				
Replace surface on Pulsator bldg & leveling compound. Seal all leaks		\$ 100,000			
Replace concentrator drain valves (10)			\$ 20,000		
Replace vent vacuum chamber valves (2)	\$ 20,000				
Rebuild Super-P Vacuum pump (2)	\$ 40,000				
Replace (5) Blow Down vent valves North	\$ 15,000				
Pull and rebuild/replace slitter box mixer	\$ 100,000				
Paint Chemical building on the inside	\$ 100,000				
<u>#4430 Ozone Building</u>					
Replace South Ozone generator	\$ 2,200,000				
Replace North Ozone generator					\$ 2,200,000
Replace In-USA monitors (7)		\$ 80,000			
Paint electrical room	\$ 10,000				
Replace Center destruct unit	\$ 20,000				
Replace fan drives in MCC	\$ 60,000				
Paint Ozone building on the inside	\$ 20,000				

BUILDING IMPROVEMENTS/RENOVATIONS/EXPANSIONS

#4430 Filter Building	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Relace heaters	\$ 20,000				
Replace blower room heater (downstairs below filter)	\$ 15,000				
Rebuild or replace blowers for filter backwash		\$ 60,000			
Replace CP-15	\$ 50,000				
#4430 Raw Water					
Install stop logs or some type of Dam system	\$ 200,000				
Replace compressor	\$ 30,000				
Install 4th raw water pump (depend on increase demand)		\$ 800,000		\$ 800,000	
Add generator at the intake			\$ 1,500,000		
#4430 High Tower pump station	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Upgrade pumps/motors/drives on skid system			\$ 300,000		
Replace Hightower Pump Station heaters (4)	\$ 80,000				
Replace PLC and upgrade	\$ 30,000				
Replace/rebuild control check valves	\$ 60,000				
Paint interior of pump house		\$ 60,000			
Backup generator at Hightower pump station			\$ 500,000		
Add cameras	\$ 10,000				
#4430 Lorraine pump station					
Replace PLC located in panel under the tank	\$ 10,000				
Rebuild old altitude valve	\$ 60,000				
Add cameras	\$ 10,000				

BUILDING IMPROVEMENTS/RENOVATIONS/EXPANSIONS

<u>#4430 High Tower pump station</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Upgrade pumps/motors/drives on skid system			\$ 300,000		
Replace Hightower Pump Station heaters (4)	\$ 80,000				
Replace PLC and upgrade	\$ 30,000				
Replace/rebuild control check valves	\$ 60,000				
Paint interior of pump house		\$ 60,000			
Backup generator at Hightower pump station			\$ 500,000		
Add cameras	\$ 10,000				
<u>#4430 Lorraine pump station</u>					
Replace PLC located in panel under the tank	\$ 10,000				
Rebuild old altitude valve	\$ 60,000				
Add cameras	\$ 10,000				

BUILDING IMPROVEMENTS/RENOVATIONS/EXPANSIONS

<u>#4430 High Service pump station</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Add a second filter backwash pump/ HS Backwash pmup rebuild	\$ 500,000				
Backup High Service pump (generator or diesel powered)			\$ 2,000,000		
Replace control valves on all high service pumps	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	
Replace Control Panel-14	\$ 50,000				
<u>#4440 Central Maintenance</u>					
Paint - Central Maintenance Building	\$ 15,000				
RWR Customer Service Center Roof			\$ 75,000		
<u>#4335 Sewage Treatment</u>					
Influent pump replacement at Quigg Branch WWTP	\$ 60,000	\$ 60,000	\$ 60,000		
Breaker study and repair at Quigg Branch WWTP	\$ 200,000				
Total Building Improvements	\$4,935,000	\$1,495,000	\$5,340,000	\$1,500,000	\$2,300,000

Infrastructure

	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Quigg Branch Breaker Study phase I	\$ 200,000				
Quigg Branch Breaker Study Recommendations (phase II)					
Quigg Branch Influent Pumps	\$ 120,000	\$ 60,000			
Treatment facility Emergency Repairs	\$ 150,000				
Quigg Branch Generator Rehab	\$ 50,000				
Quigg Branch Influent Screen rehab		\$ 75,000	\$ 75,000		
Quigg Branch Filter Project	\$ 50,000	\$ 200,000	\$ 250,000	\$ 250,000	
Quigg Branch Sludge pump replacement	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Snapping Shoals Treatment Plant	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Diesel Backup pump springwood pump station	\$ 100,000				
Diesel Backup Pump Rockbridge 2 pump station	\$ 100,000				
Generator Backup for Yellow River Pump Station	\$ 50,000				
Diesel Backup Pump Jailhouse Pump Station		\$ 100,000			
Generator Backup for Old Salem Pump Station			\$ 250,000		
Pump Station Repairs	\$ 150,000				
Biolab Pump Station replacement	\$ 100,000	\$ 300,000			
Old Covington Junction		\$ 50,000			
Diesel Back up pump for Tall Oaks			\$ 100,000		
Generator for Holly Hills				\$ 50,000	
I-20 @ SR 138/20 Interchange Improvements - Water and Sewer	\$ 2,000,000				
Courtesy Parkway - Water and Sewer Relocation	\$ 1,300,000				

Infrastructure

	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
SR 162 Salem Road Widening - Water and Sewer Relocations	\$ 7,400,000				
Honey Creek Road At Snapping Shoals Bridge Replacement - Water Relocation	\$ 400,000				
River Street Water and Sewer Improvements	\$ 2,000,000				
Deere Drive Water Main Extension	\$ 600,000				
Sewer Rehabilitation	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000
Upsize Water Main to Biolab Tank	\$ 950,000				
Snapping Shoals Sewer Model Ph2	\$ 200,000				
Almand Branch Trunk Line Replacement and Upsize	\$ 1,750,000	\$ 1,750,000	\$ 1,750,000	\$ 1,750,000	
Scott Streek Sewer Lateral Replacement	\$ 400,000				
Salem Lake Pump Station and Force Main Replacement	\$ 1,200,000				
Tall Oaks Sewer Main Extension	\$ 35,000	\$ 700,000			
Water Main improvements to remove dead end mains		\$ 2,000,000	\$ 1,000,000		
SR 138 Sewer Hi-Roc to White Road	\$ 2,500,000				
Sewer Repairs Capital Projects	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Scott Creek and Honey Creek Pump Station and Force Main	\$ 750,000	\$ 3,500,000	\$ 5,000,000	\$ 1,000,000	
Almand Branch Wastewater Plant Upgrade	\$ 2,500,000	\$ 1,500,000			
Quigg Branch Sewer Model		\$ 150,000	\$ 150,000		
Loraine/North Pressure Zone and South Pressure Zone Design	\$ 200,000	\$ 300,000	\$ 100,000		
Loraine/North Pressure Zone and South Pressure Zone Construction			\$ 4,000,000	\$ 5,000,000	\$ 4,000,000
Large Meter Replacement	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000
Water and Sewer Relocations for Road Projects(GDOT/RDOT/City)		\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	
Water Relocations for Stormwater Projects		\$ 250,000	\$ 250,000	\$ 250,000	
Installation and Maintenance for 32 Sewer Flow Monitors County Wide	\$ 530,000	\$ 490,000	\$ 490,000	\$ 490,000	\$ 490,000
Total Infrastructure Improvements	\$33,255,000	\$19,895,000	\$21,885,000	\$17,260,000	\$11,960,000

Rockdale Water Resources

5 Year CIP Request summary

Category	2024	2025	2026	2027	2028	Five Year Total
Automotive Equipment	\$ 135,000	\$ 70,000	\$ 70,000	\$ 80,000	\$ -	\$ 355,000
Technology Programs & Improvements	\$ 240,000	\$ 240,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,080,000
Construction & Heavy Equipment	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ 240,000
Building Improvements/Renovations/Expansions	\$ 4,935,000	\$ 1,495,000	\$ 5,340,000	\$ 1,500,000	\$ 2,300,000	\$ 15,570,000
New Buildings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Infrastructure Improvements	\$ 33,255,000	\$ 19,895,000	\$ 21,885,000	\$ 17,260,000	\$ 11,960,000	\$ 104,255,000
TOTALS	\$ 38,805,000	\$ 21,700,000	\$ 27,495,000	\$ 19,040,000	\$ 14,460,000	\$ 121,500,000



Thank you

